



**Specialty  
Products  
Company®**

**2025/26**

**TOTAL  
WHEEL ALIGNMENT  
SOURCEBOOK™**



**PASSENGER CARS &  
LIGHT TRUCKS,  
HEAVY DUTY,  
RACING & TOOLS**



**800-525-6505  
www.specprod.com**

## NEW ITEMS

Look for the "New" logo throughout this sourcebook for the latest in alignment parts and tools.



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## NEXT GENERATION 35000 SERIES SEALED, MAINTENANCE-FREE ADJUSTABLE CONTROL ARMS

**NEW!**  
COMING 2025!



Patent No. US 7,513,514  
& Patent Pending

### New xAxis™ Bushing

- Totally Sealed Boot From Contaminants

### New Ball Joint

- One Piece Polymer Race For Smooth Operation
- E-Nickel Coating For Internal Wear Protection
- High-Strength Forged Ball Stud
- New Sealed Boot Design & Grease Formula For Extended Life
- Reverse compatible with SPC arms
- Test Like OE

### Look for SPC to lead the way

With a strong desire to exceed expectations, SPC sets the bar when it comes to product development. This new series is designed, engineered, tested and assembled in USA making them the strongest arms available with the most articulation of any offering - period. Additional features include the only sealed, adjustable maintenance-free ball joint & pivoting bushing that test like OE for performance you will feel.

**THE RESULT OF A  
RELENTLESS PURSUIT  
OF PERFECTION**

SEE COMING  
APPLICATIONS  
ON PAGE 78-79

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## FEATURED NEW ITEMS

### 86131

#### FORD REAR ADJUSTMENT CAM

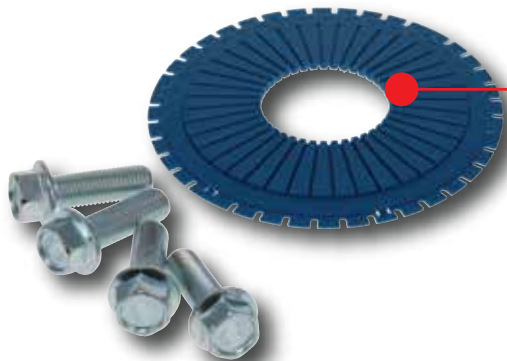
Restore lost toe adjustment on the rear of many Ford vehicles with this replacement toe cam bolt from Specialty Products. This cam bolt features a hex chromate-free finish for industry leading corrosion resistance. One kit is needed per side of the vehicle.



### 75210

#### NISSAN REAR SHIM AND HARDWARE KIT

Adjust rear camber and toe up to  $\pm 1.5^\circ$  on 2012 through 2019 Nissan Versa. Kit includes extended length hub bolts for everything needed to do the job right. Improve tire wear, gas mileage and handling by getting alignment into specification.



### 94219

#### FORD MUSTANG CASTER/CAMBER ADJUSTABLE ARM KIT

Modernize your classic Ford and Mercury front suspension with  $+3^\circ$  of caster built into the upper arm to improve return to center with today's radial tires. The camber curve has been optimized by building Shelby Drop geometry into the billet aluminum cross shaft. Camber can be adjusted by positioning the ball joint plate to  $0^\circ$ ,  $-1^\circ$ , or  $-2^\circ$  and fine-tuning using the factory adjuster. Compatible with OE style spring/shock or aftermarket coilover kits. Includes stock style ball joints and all mounting hardware.



### 37975

#### STEERING KNUCKLE SPREADER

Use this tool to safely and easily expand steering knuckles. This tool is perfect for single bolt strut vehicles. Pry bars can damage the knuckle, but this tool allows safe expansion with the tool adjustment nut. Designed to operate within a 4.4 - 10mm range, this expansion tool will fit most makes and models.



### 13421

#### JEEP REAR ADJ. UPPER ARM

This direct-fit rear upper control arm adds strength, on-car adjustability and articulation flexibility to stock-height or 'lifted' Wranglers. Features SPC's xAxis™ sealed flex joint receiver at the frame end to provide bind-free 'twist' during off-road articulation and an OE style rubber bushing on the axle end to reduce NVH (Noise Vibration Harshness). Tough construction for large tires and aggressive gearing. Dual-threaded adjuster and jam nuts make rear pinion angle adjustments quick and easy.



FEATURED NEW ITEMS

# FEATURED NEW ITEMS

## 13411/12

### JEEP LEFT/RIGHT FRONT ADJ UPPER ARM

These direct-fit front left upper control arm adds strength, on-car adjustability and articulation flexibility to stock-height or 'lifted' suspension Wranglers. Dual-threaded adjuster and jam nut makes caster/pinion angle adjustments quick and easy without the need to disconnect the arm or mess with cams and slotted hole knock-outs. Use SPC #13412 for the Right Front and SPC #13411 for the Left Front for a complete front axle set.

13412

13411

## 86132

### FORD TOE ADJUSTMENT CAM

Restore lost toe adjustment on the rear of many Ford vehicles with this replacement toe cam bolt from Specialty Products. This cam bolt features a hex chromate-free finish for industry leading corrosion resistance. One kit is needed per side of the vehicle.

## 94230

### FORD MUSTANG ADJ. CASTER RODS

A must for early Mustangs (late 1st generation '68-'73), SPC's adjustable caster rods features low durometer OE-style bushings to protect the chassis mount from damage and has easy caster adjustment. These adjustable strut rods will provide the positive caster needed for improved tracking and modern geometry.

## 82363

### JEEP SRT8 CAM BRACKET KIT

Install this cam and guide kit to quickly and accurately dial in camber on Jeep Grand Cherokee SRT8 and Trackhawk models. Even with the suspension loaded, this kit makes changes of up to  $\pm 1.5^\circ$  camber fast and easy.

## 67445

### FORD ADJUSTABLE REAR CONTROL ARM

Add rear camber adjustment to your Ford truck or SUV with this adjustable length control arm from SPC. An adjustment range of  $\pm 3.0^\circ$  will get your vehicle back to factory specifications ensuring proper tire wear, improved handling, and excellent ride quality. Each rear arm is equipped with bonded rubber bushings to maintain factory ride.

FEATURED NEW ITEMS

**WHO WE ARE**

# **INSTALLED BY PROFESSIONAL ALIGNMENT TECHS SINCE 1972**



**SPC building today**



**SPC building in 1990**

From humble beginnings in 1971, SPC started as a specialty automotive tool company later to become the industry leader in alignment parts, tools and education. Today SPC is proud to be an ISO 9001 & IATF 16949 company, producing more than 1,500 parts and tools to customers worldwide. SPC still makes many of its parts in its own manufacturing facility where it has extensive mill & lathe capabilities as well as fabrication capabilities such as laser, forming, and welding. SPC continues to innovate through new technologies and feedback from customers that help drive new product development.

## **ENVIRONMENTAL STEWARDSHIP**

From the very beginning, environmental responsibility in manufacturing was a key component to the process. Leaving the planet in better shape than when it was found has always been the directive of the ownership and employees alike. In 2022, the expansion project received a new solar roof to generate enough electricity to power the facility with independence from the power grid and even power to spare. In addition, all manufactured materials are recycled from both factory locations.



## LEADERS IN ALIGNMENT EDUCATION

SPC is the industry leader when it comes to Alignment Education for professionals and the programs offered have been created by our ASE certified technicians to be the most complete educational resource available. Many options are available from online courses to field clinics as well as in-house, hands-on training in our state of the art alignment education facility.

### In-House Training Options

#### Basic Alignment

This three day course consists of presentations and demonstrations along with hands-on instruction and is designed for technicians with less than one year of hands-on alignment experience.

#### Advanced Alignment

This two day course consists of presentations and demonstrations along with hands-on instruction and is designed for technicians working in the industry for a period of at least two years.

### Local Field Clinics

Three hour Field Clinics set up through your distributor, will provide you with reliable information to enable you to diagnose and align any vehicle correctly the first time. SPC's professional trainers provide specific alignment and suspension information on newer as well as problematic vehicles.

### Online

Stay competitive in today's ever evolving, high-tech automotive aftermarket as SPC offers both Basic and Advanced alignment courses available online. These training courses were developed by ASE Master Certified technicians.

## CERTIFIED INSTALLER PROGRAM

With the **FREE** online certification program, alignment techs can become a Specialty Products Certified Installer. Developed by our ASE Master Certified technician, this program focuses on providing expertise in alignment aftermarket parts and installation procedures along with cutting edge problem solving.

The Online course is comprised of a series of videos and quizzes designed to engage technicians while providing the latest information on alignment problem solving. Visit the SPC website or scan the QR code to learn more.

This course will lead to better customer satisfaction as well as drive new customers to your shop. Contact trainers directly to get additional information on qualifying requirements and more about this exciting program. Email directly to: [training@specprod.com](mailto:training@specprod.com)



SPC offers both In-person  
And Online training options



Learn more by  
Visiting the SPC  
Website



ALIGNMENT EDUCATION



**SPC**  
**PERFORMANCE.**

Entire contents © 2024  
Niwot Corporation,  
dba  
Specialty Products  
Company®.



**TOOL  
ICON**

When you see our 'Wrench'  
next to a part it means there  
is a special tool available to  
assist you in the installation



**ON THE  
WEB  
QR  
CODE**

When you see the QR code  
next to a part it means there  
is an installation video to  
help you install the part.

Scan the QR Code with your  
smart phone's Bar Code  
App for videos and more  
information available from  
our YouTube channel.

The design, shape,  
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is a trademark of  
Niwot Corporation.

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**Includes our Stock Replacement Parts**

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We carry a complete line of alignment parts, tools and accessories for OTR vehicles. From Freightliners to Tandem Alignment systems, we have you covered.

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We have a variety of consumables for the brake repair specialist. An extensive line of lathe inserts, drum tools, rotor silencers along with CV Boots and accessories.

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Check out our AlignGuide™ app along with our gear - shirts, hats, gloves and more, along with banners and stickers for your shop or vehicle. Quickly find what your need in our numerical index.

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## HOW TO USE

### The Alignment Sourcebook™

This Sourcebook has been designed with you in mind. Each section has tabs that allow you to quickly flip to the section you need without having to look through the entire Sourcebook. But it is a good idea to review the entire Sourcebook to check out new products and solutions for all your alignment needs.

Each new product is marked with our "NEW" logo for instant identification (shown at right). These new products are on the cutting edge of alignment technology.

You can look up the part you need in two ways:

- 1 If you are looking for a specific part for a specific vehicle, check for the vehicle make and model in the Applications Section starting on page 7.
- 2 If you know the part number of the part you need, the numerical index starts on page 185. Look there first.

At Specialty Products Company our goal is to assist you in every way to make car and truck alignment fast, accurate and profitable. We are committed to finding accurate, easily installed solutions to automotive driving and handling problems. Our products include excellent service and industry leading technical support.



Our "NEW" logo throughout this Sourcebook highlights the latest in alignment technology and applications.

### SPC'S "TECH BOX"



Check out a quick overview of the part in our Tech Box. Alignment change, quantity in kit, and all the applications the part fits are in one easy-to-use spot.

**THIS TOTAL WHEEL ALIGNMENT SOURCEBOOK™ WILL ASSIST YOU IN MAKING THE CORRECT RECOMMENDATIONS TO YOUR CUSTOMERS. THE SOURCEBOOK CONTAINS EVERYTHING NEEDED TO DETERMINE ESTIMATES AND RECOMMENDATIONS.**

**AlignGuide™** by Specialty Products Company, provides manufacturers' alignment specifications for makes and models since 1985 as well as information on SPC's alignment parts and tools. See more on page 181.



## HOW TO SELL

### Proper Alignment

- 1 When a set of new tires are installed or suspension parts changed, discuss frequency and need for total wheel alignment. Explain unusual tire wear or handling problems.
- 2 To determine the type of alignment required, refer to the Application section (pages 7-68) in this Sourcebook. Also refer to this section for the correct selection of original equipment and aftermarket replacement parts available from Specialty Products.
- 3 Use your Sourcebook and a showroom tire to explain tire wearing and control angles.
- 4 Explain to the customer the benefits of 4 Wheel and Thrust Wheel Alignments:

- Prolong Tire Life
- Improve Handling
- Minimize Premature Wear of Suspension Parts
- Help Eliminate "Pulls"
- Increase Fuel Mileage

- 5 **Ask for the sale.** Your customer will appreciate the benefits.

**THE PROPER WHEEL ALIGNMENT SAVES THE CUSTOMER MONEY AND INCREASES CUSTOMER SATISFACTION BY DOING THE JOB RIGHT THE FIRST TIME.**



### TOOL ICON

When you see our 'Wrench' next to a part it means there is a special tool available to assist you in the installation of the part

### QR ICON



When you see this icon next to a part, it means there is an installation video to help you install the part available on our YouTube channel.

Scan the QR Code with your smart phone's Bar Code App for videos and more information



Sign up online at [www.specprod.com](http://www.specprod.com) or call 800-525-6505 for more information



Start our online classes today!



Keep up to date with what's new and follow Specialty Products on



Facebook



Instagram



YouTube

## INTERESTED IN ALIGNMENT TRAINING? SPC HAS THE OPTIONS YOU NEED!

If you want to stay competitive in today's high-tech automotive aftermarket Specialty Products Company has the comprehensive Alignment Training Program for you. With Hands-On Alignment Training and Online Training we can help you stay competitive with relevant technical training.

### UPDATED - SPC FACTORY TRAINING Basic Hands On Instructor Led Alignment Training

This 3-day Basic Alignment course is designed for entry level technicians who are new to vehicle alignment concepts and procedures. The course consists of presentations and demonstrations along with extensive hands-on training. Training consists of 40% classroom and 60% shop instruction.

Class schedule is 8:00 am to 5:00 pm Monday-Tuesday-Wednesday. The cost for the basic alignment course is \$275.00 per person.

### Advanced Hands On Instructor Led Alignment Training

This 2-day Advanced Alignment course is designed for the technician who has been working with vehicle alignments for at least a year. The completion of the Basic Alignment Course is highly recommended. This course consists of presentations and demonstrations that include 60% classroom and 40% hands-on instruction.

Class schedule is from 8:00 am to 5:00 pm Thursday and Friday. The cost for the advanced alignment course is \$275.00 person.

**SAVE!**

### Combine both Basic & Advanced training options in one week!

Stay for the entire week and combine our Basic and Advanced Training for only \$500 - save 10%!

Go online to [www.specprod.com/training](http://www.specprod.com/training) to check dates and to sign up!

## ONLINE TRAINING

Specialty Products is the world leader in alignment products. We are passionate about suspensions and education. Using our online learning program, alignment techs and shop owners can further their knowledge of alignment theory and get the tools to put that knowledge into practical application. These training courses were developed by our ASE Master Certified technician, who also develops our in-house training. Get comprehensive training in the changing alignment field on your schedule. Available in an interactive online class format, this training will take you from basic alignment angle descriptions, to vehicle specific applications that you see weekly in your shop.

To sign up go to [www.wheelalignmenttraining.com](http://www.wheelalignmenttraining.com). Courses are only \$25.00 and are available 24/7.

## FIELD TRAINING

To stay competitive and profitable in the competitive alignment field you must recognize the need for on going training to enable you to diagnose and align vehicles correctly the first time! Technicians now require updated information on lowered and lifted, as well as vehicles equipped with SAS systems. Our field clinics cover it all in a fast-paced, fact-filled environment. Contact your local warehouse or distributor to request field training in your area.

# ALIGNMENT TERMS

Applications

Alignment Parts

Heavy Duty

OE Replacement

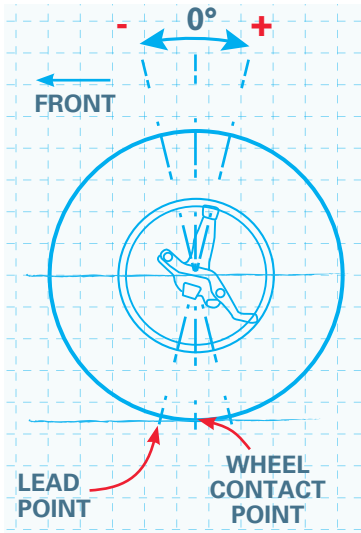
Racing/Builders

Tools

Brake and CV

Gear/Index

## Caster



**DEFINITION:** The forward or backward tilt of the upper ball joint, or top of the strut, relative to the lower ball joint.

**PURPOSE:** Caster affects steering stability and steering wheel returnability.

**METHODS OF CASTER ADJUSTMENT:** (1) Shims (2) Cams (3) Slotted Frame (4) Strut Rod (5) Strut Rotation (6) Cradle Movement (7) Offset Ball Joint (8) Sliding Ball Joint

**0 CASTER:** The upper ball joint or top strut bearing and lower ball joint are in the same plane as viewed from the side of the vehicle.

**POSITIVE CASTER:** The upper ball joint or top strut bearing is toward the rear of the vehicle in relation to the lower ball joint as viewed from the side of the vehicle.

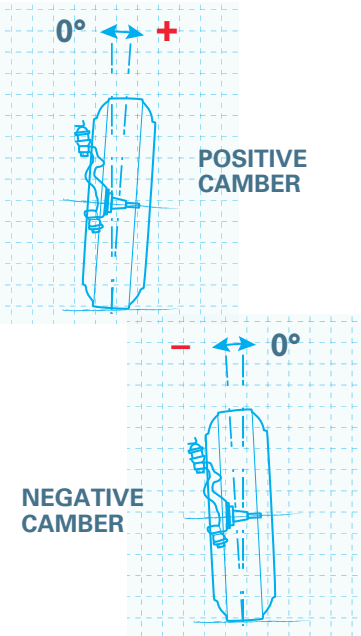
**NEGATIVE CASTER:** The upper ball joint or top strut bearing is toward the front of the vehicle in relation to the lower ball joint as viewed from the side of the vehicle.

**SYMPTOMS OF NEG. CASTER:** (1) Steering wheel shows lack of "returnability" after a turn. (2) Steering is touchy at high speed (wander and weave).

**Effect:** Vehicle pulls to the side with the Lowest Caster.

**Example:** Left front set at 1/2° positive Caster, right front set at 1-1/2° positive Caster. This vehicle will pull to the left.

## Camber



**DEFINITION:** Inward or outward tilt of the top of the wheel.

**PURPOSE:** Adjustment centers the vehicle's load on the tire, eliminating pull. Proper adjustment reduces camber tire wear and pulling.

**METHODS OF CAMBER ADJUSTMENT:** (1) Shim (2) Cams (3) Slotted Frame (4) Strut Rotation (5) Wedges (6) Ball Joint Rotation (7) Offset Bearing Plates (8) Cam Bolts (9) Eccentrics (10) Offset Ball Joints

**0 CAMBER:** When wheel and tire assembly are in exact vertical position.

**POSITIVE CAMBER:** When the top of the wheel and tire assembly is tilted out, or away from the engine.

**TOO MUCH POS. CAMBER CAUSES:** (1) Wear on the outside of the tire. (2) Extra wear on the suspension parts with positive camber. (3) The vehicle will pull to the side with the **most positive** camber.

**NEGATIVE CAMBER:** The top of the wheel and tire assembly is tilted in, toward the engine.

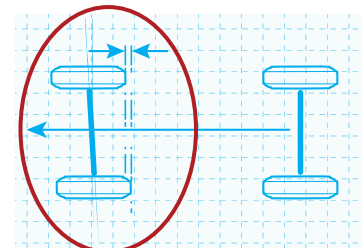
**TOO MUCH NEG. CAMBER CAUSES:** (1) Wear on the inside portion of the tire. (2) Extra wear on the suspension parts with negative camber. (3) The vehicle will pull to the side with the **most positive** camber.

**UNEQUAL CAMBER** From side to side causes:

(1) Vehicle to pull to the side with the more positive camber.

**Example:** Left front set at 1° positive. Right front set at 1/2°. This vehicle may pull left.

## Setback



**DEFINITION:** One wheel set back further than the other.

**SETBACK IS CAUSED BY:** (1) Manufacturer (sometimes they build them this way). (2) Collision.

Normally up to .5" Setback will cause no problems other than steering wheel misalignment when using some types of alignment equipment.

## Toe

**DEFINITION:** The difference between leading edges and trailing edges of the front of the wheel & tire assembly, measured at spindle height.

**PURPOSE:** Minimize tire wear and rolling friction.

**FRONT TOE ADJUSTMENTS:** (1) Tie Rod Adjusters

**REAR TOE:** (1) Manufacturer's built-in adjuster (2) Cams  
(3) Cam bolts (4) Slots  
(5) Eccentrics (Offset Bushings) (6) Shims  
(7) EZ Arms XR™

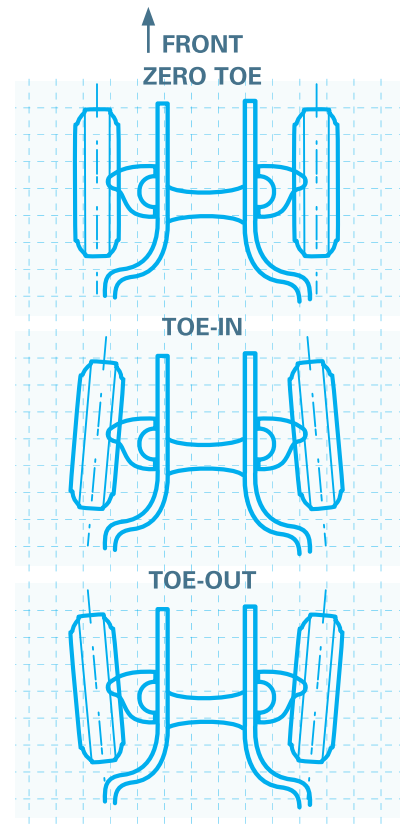
**0 TOE:** Distances across the front and trailing edges of the wheel and tire assemblies are equal.

**TOE IN (+):** Distance across the front edges of the wheel and tire assemblies is less than across the trailing edges.

**TOO MUCH TOE IN CAUSES:** (1) Rapid wear on outside edge of tire.  
(a) On radial tires too much **Toe In** resembles pos. camber wear.  
(b) Wear patterns are **saw-toothed** or **scuffed**.  
(c) Feeling sharp edges when rubbing your hand across the tire tread, from **inside** toward **outside**, reveals excessive **Toe In**.  
(2) Steering instability (**extreme**).  
(a) Wander (b) Shimmy

**TOE OUT (-):** Distance across the front edges of the wheel and tire assemblies is wider than the trailing edges.

**TOO MUCH TOE OUT CAUSES:** (1) Rapid tire wear-inside edge of tire.  
(a) On radial tires too much **Toe Out** resembles neg. Camber wear.  
(b) Wear pattern is **saw-toothed** or **scuffing**.  
(c) Feeling sharp edges when rubbing your hand across the tire tread, from **outside** to inside, reveals excessive **Toe Out**.  
(2) Steering instability (**extreme**).  
(a) Wander (b) Shimmy



# Toe

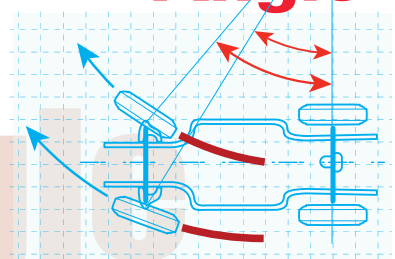
**DEFINITION:** The relative position of the front wheels during a turn.

**REFERRED TO AS:** (1) Toe out on turns  
(2) Turning radius

**PURPOSE:** To prevent tire side slip.  
To prevent excessive tire wear.  
To prevent tire squeal on turns.

**DIAGNOSE FOR BENT PARTS:** If readings differ more than 1-1/2° from specifications on most vehicles, and the tires squeal when cornering, the vehicle may have a bent steering arm. Most Turning Angles are non-adjustable angles but can be corrected by replacing bent parts.

## Turning Angle



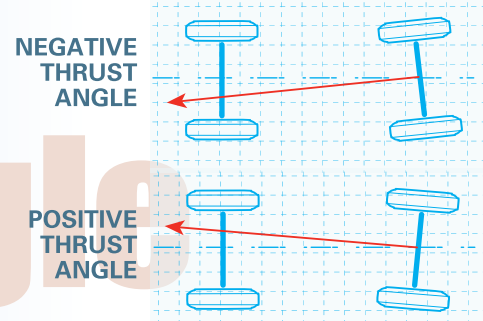
# Turning Angle

**DEFINITION:** The direction the rear wheels are positioned in reference to the vehicle centerline.

**REAR WHEEL THRUST WILL CAUSE:** (1) Tire wear (2) Steering wheel misalignment  
(3) Car pulls (4) "Dog Tracking"  
(5) Crooked steering wheel

**THRUST CAN BE CORRECTED BY:** (1) Adjustment of built in toe adjuster.  
(2) Installing tapered shims between spindle and hub.  
(3) Cams or other aftermarket adjusters.  
(4) Specialty Products Thrust Plate (#63020, #63030 Kits - page 85).

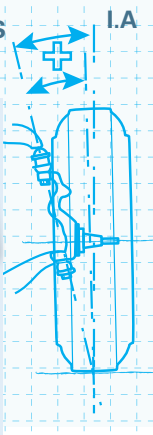
## Thrust Angle



# Thrust Angle

# S.A.I. I.A. Scrub Radius

STEERING AXIS INCLINATION



**S.A.I. MAGNET**  
This informative magnet trouble shooting guide sticks on the installer's tool box. Find out more on page 183.

## DEFINITION OF S.A.I. (Steering Axis Inclination):

The angle between a true vertical line starting at the center of the tire at the road contact point and a line drawn through the center of the strut (or upper ball joint) and lower ball joint. S.A.I. is a non-adjustable angle on most vehicles. **OR...**

The angle formed by the intersection of a line drawn through the upper and lower suspension mounting points (as viewed from the front of the vehicle) and true vertical.

**NOTE:** A bent lower control arm can also change S.A.I. The strut suspension on a unibody vehicle has many variables and locating the damaged part may be difficult.

## DEFINITION OF I.A. (Included Angle):

S.A.I. angle plus actual camber (positive) or minus actual camber (negative) is the included angle. When camber is positive, add it to the S.A.I. angle. If camber is negative, subtract it from the S.A.I. angle. This angle is used as a diagnostic tool to determine if structural misalignment is present or suspension parts are bent.

## DEFINITION OF SCRUB RADIUS:

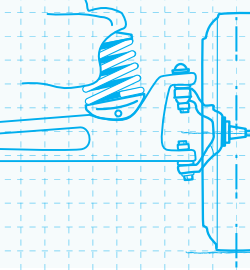
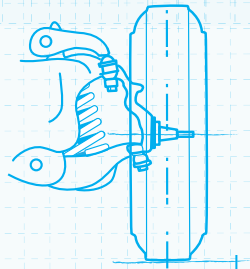
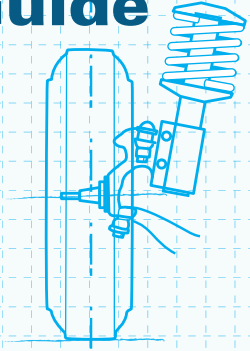
When compared at ground level, the distance between the S.A.I. line (drawn through the steering pivots) and the centerline of the tire tread is called the Scrub Radius. When this line is toward the inside of the tread, the vehicle is said to have Positive Scrub Radius. When the line is toward the outside of the tire tread, the vehicle is said to have Negative Scrub Radius.

**NOTE:** Negative Scrub Radius can be found on some FWD MacPherson Strut vehicles.

## PURPOSE:

**Directional Control Stability • Steering Wheel Returnability • Vehicle Load Placement**  
S.A.I., I.A. and Camber can be used to locate areas of the strut system on unibodies which may have damaged or misaligned parts. I.A. (Included Angle) is used to determine if there is a damaged spindle or strut tube. The S.A.I. (Steering Axis Inclination) is used to determine if the unibody is misaligned.

# S.A.I. Diagnostic Guide



## MACPHERSON STRUT SUSPENSIONS

SAI	CAMBER	INC. ANGLE	PROBABLE PROBLEM AREA
Within Spec	Less than Spec	Less than Spec	Bent Spindle Assembly and/or Bent Strut.
Within Spec	Greater than Spec	Greater than Spec	Bent Spindle Assembly and/or Bent Strut.
Less than Spec	Greater than Spec	Within Spec	Bent Control Arm, or Top of Strut Tower Pushed Outward, or Mis-Aligned Engine Cradle.
Greater than Spec	Less than Spec	Within Spec	Top of Strut Tower Pushed In, or Engine Cradle Mis-Aligned.
Less than Spec	Greater than Spec	Greater than Spec	Bent Control Arm, or Top of Strut Tower Pushed Out <b>PLUS</b> Bent Spindle Assembly and/or Bent Strut.
Less than Spec	Greater than Spec	Less than Spec	Bent Control Arm, or Top of Strut Tower Pushed Out <b>PLUS</b> Bent Spindle Assembly and/or Bent Strut.
Less than Spec	Less than Spec	Less than Spec	Bent Control Arm, or Top of Strut Tower Pushed Out <b>PLUS</b> Bent Spindle Assembly

## SHORT/LONG ARM SUSPENSIONS

SAI	CAMBER	INC. ANGLE	PROBABLE PROBLEM AREA
Within Spec	Less than Spec	Less than Spec	Bent Spindle Assembly
Less than Spec	Greater than Spec	Within Spec	Bent Lower Control Arm or Bent Frame
Greater than Spec	Less than Spec	Within Spec	Bent Upper Control Arm or Bent Frame
Less than Spec	Greater than Spec	Greater than Spec	Bent Lower Control Arm, or Bent Spindle and/or Bent Strut.

## FORD TWIN "I-BEAM" /STRAIGHT AXLE SUSPENSIONS

SAI	CAMBER	INC. ANGLE	PROBABLE PROBLEM AREA
Within Spec	Greater than Spec	Greater than Spec	Bent Spindle Assembly
Greater than Spec	Less than Spec	Within Spec	Bent "I" Beam
Less than Spec	Greater than Spec	Within Spec	Bent "I" Beam
Less than Spec	Greater than Spec	Greater than Spec	Bent "I" Beam & Bent Spindle Assembly

# CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

ACURA			REAR			Thrust Plate	FRONT		
Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	Page
CL	01-04	FWD	67090/37995	OEMA	87/164	N/A	67125/40920 67320(8)	88/169 92	
CL w/33.5mm Front BJ Dia.	97-99	FWD	67065/37995 67265(8)	OEMA	WEB/164 90	OEMA	67145/40920 67340(8)	88/169 92	
CL w/35.3mm Front BJ Dia.	97-99	FWD	67065/37995 67265(8)	OEMA	WEB/164 90	OEMA	67125/40920 67320(8)	87/169 92	
CSX notes	06-11	FWD	67465/75980, 72509 67466 67475	OEMA 87560	94/171/169 94/174 95	N/A	81260	119	
EL	03-05	FWD	67230	OEMA	90	N/A	81280	119	
EL	01-02	FWD	67230	OEMA	90	N/A	81260	119	
EL	97-00	FWD	67030  67245	OEMA 69450	87 104 155	N/A	62010 67135/40920 67330(8)	WEB 88/169 92	
<b>Stock Replacement Part</b>									
Integra	23-24	FWD	N/A	OEMA		N/A	OEMA		
Integra 65100, rear trailing arm bushing extractor available.	94-01	FWD	67030 69450	OEMA	87 104	N/A	67135/40920 67330(8)	88/169 92	
Integra	90-93	FWD	67030	OEMA 69450	87 104	N/A	67135/40920 67330(8)	88/169 92	
Integra	86-89	FWD	N/A	N/A		N/A	N/A		
ILX	13-22	FWD	67465/75980, 72509 67466 67475	67478/ 87560	94/171/169 94/174 95	N/A	81280	119	
Legend	91-96	FWD	N/A	OEMA		N/A	67135 67330(8)/40920	88 92/169	
MDX	22-24	FWD/AW	N/A	OEMA		N/A	N/A		
MDX	14-20	FWD/AW	23450/37995	OEMA	75/164	N/A	N/A		
MDX	07-13	AWD	67570/37995	67575	98/98/164	N/A	81295	119	
MDX * 67289, 67291, 67292 adjust setback.	01-06	AWD	67290/37995	OEMA	89/164	N/A	81280	119	
NSX	17-22	RWD/AW	OEMA	OEMA		N/A	OEMA		
NSX	91-06	RWD	OEMA	OEMA		OEMA	OEMA		
RDX	19-24	FWD/AW	N/A	OEMA		N/A	N/A		
RDX	07-18	FWD/AW	67595	OEMA 67595 67596	99 99 99	N/A	81280	119	
RL	05-13	AWD	N/A	OEMA		N/A	N/A		
RL	96-04	FWD	67090/37995	OEMA	87/164	N/A	67135/40920 67330(8)	88/169 92	
RLX	14-20	FWD/AW	N/A	OEMA		N/A	N/A		
RSX VIN 2C003183 or earlier	02	FWD	67230 69400(22)/69330(14)	OEMA	90 WEB/168	N/A	81260	119	
RSX VIN 2C003184 or later	02-06	FWD	67230 69400(22)/69330(14)	OEMA	90 WEB/168	N/A	81280	119	
SLX	96-00	RWD/4W	N/A	N/A		47700(*)	47700(*)	84	
TL  *67550, or, 67555, must be used w/, 67540. 67540, 67550 adjust setback	09-14	FWD/AW	67540/74920 67545(12) 67560	OEMA/85130 67540/74920	100/170/173 100/100/170 98/100 100 98 98	N/A	67135/40920 67330(8)	88/169 92	
TL	04-08	FWD	67095/37995	OEMA 67295	87/164 91	N/A	67125/40920 67320(8)	88/169 92	
TL	99-03	FWD	67090/37995	OEMA 67295	87/164 91	OEMA	67125/40920 67320(8)	88/169 92	
TL	96-98	FWD	67065/37995	OEMA	WEB/164	OEMA	67125/40920	88/169	



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**BOLD PART NUMBER INDICATES PREFERRED CORRECTION METHOD • WEB = Check www.specprod.com for more information ■ = Thrust Plate, pg. 85**  
 Alignment Footnotes on page 68 • N/A = No Available Adjuster • OEMA = Original Equipment Manufacturer Adjustment • (\*) = Series P/N, see page for size  
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# Applications

## CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

### ACURA-cont.

Model/Body Style	Year	Drive Type	REAR			Thrust Plate	FRONT		
			CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	Page
			67265(8)		90			67320(8)	92
TL	96-98	FWD	67065 67265(8)	OEMA	WEB 90		OEMA	67135/40920 67330(8)	88/165 92
TLX	21-24	FWD/AW	N/A	OEMA			N/A	N/A	
TLX	15-20	AWD	67540/74920 67545(12) 67560	OEMA	100/165 100 100 98 98 98 85130,74920		N/A	N/A	
			*67550, or, 67555, must be used w/, 67540. 67540, 67550 adjust setback.						
TLX	15-20	FWD	67560/74920	OEMA	98/165 98 98 85130,74920		N/A	N/A	
			*67550, or, 67555, must be used w/, 67540. 67540, 67550 adjust setback.						
TSX	09-14	FWD	67540/74920 67545(12) 67560	OEMA	100/165 100/100 100/100 100 98 98 85130,74920		N/A	67135 67330(8)/40920	88 92/165
			*67550, or, 67555, must be used w/, 67540. 67540, 67550 adjust setback.						
TSX	04-08	FWD	67289/37995 67290 67291	OEMA	91/164 91 91 91 91		N/A	67125/40920 67320(8)	88/165 92
			*67289, 67292, 67293 adjust setback.						
Vigor	92-94	FWD	67065 67265(8)/37995	OEMA	WEB 90/164		OEMA	67165 67360(8)/40920	88 92/165
ZDX	10-13	AWD	67570/37995	67575	98/98/164		N/A	81295	119

### ALFA ROMEO

Giulia	17-24	RWD/AW	N/A	OEMA			N/A	N/A	
Stelvio	18-24	RWD/AW	OEMA	OEMA			N/A	N/A	
4C	14-20	RWD	N/A	OEMA			N/A	N/A	

### AMERICAN MOTORS

Concord	80-83	RWD	N/A	N/A			OEMA	OEMA	
Eagle	80-87	AWD	N/A	N/A			OEMA	OEMA	
Spirit	80-83	RWD	N/A	N/A			OEMA	OEMA	

### AUDI

e-tron	18-23	AWD	OEMA	OEMA			81431 81392 81393 81398	81391 81392 81393 81398	121/121 121/121 121/121 121/121
e-tron	18-24	AWD	OEMA	OEMA			N/A	N/A	
Allroad A4 (B9)	17-24	AWD	OEMA	OEMA			81381 81382 81383 81388	81381 81382 81383 81388	121/121 121/121 121/121 121/121
Allroad A4 (B8)	09-16	AWD	OEMA/87570	OEMA	174		81361 81362 81363 81368	81361 81362 81363 81368	121/121 121/121 121/121 121/121
Allroad A6 (C8)	20-24	AWD	OEMA	OEMA			81391 81392 81393 81398	81391 81392 81393 81398	121/121 121/121 121/121 121/121
Allroad A6 (C5)	99-05	AWD	OEMA	OEMA			81351 81352 81353 81358	81351 81352 81353 81358	121/121 121/121 121/121 121/121

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# CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

AUDI-cont.			REAR			Thrust Plate	FRONT		Page
Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	
A3	06-24	FWD/AW	OEMA/81335	OEMA	120		N/A	N/A	
A4 (B9)	17-24	FWD/AW	OEMA	OEMA			81381 81382 <b>81383</b> 81388	81381 81382 <b>81383</b> 81388	121/121 121/121 121/121 121/121
A4 (B8)	09-16	FWD/AW	OEMA/87570	OEMA	174		81361 81362 <b>81363</b> 81368	81361 81362 <b>81363</b> 81368	121/121 121/121 121/121 121/121
A4 (B6/B7)	02-08	FWD/AW	OEMA	OEMA/81520	122		81351 81352 <b>81353</b> 81358	81351 81352 <b>81353</b> 81358	121/121 121/121 121/121 121/121
A4 (B5)	98-01	FWD/AW	OEMA	OEMA			81351 81352 <b>81353</b> 81358	81351 81352 <b>81353</b> 81358	121/121 121/121 121/121 121/121
A4 (B5)	96-97	FWD/AW	N/A	OEMA			N/A	N/A	
A5 (B9)	18-24	FWD/AW	OEMA	OEMA			81381 81382 <b>81383</b> 81388	81381 81382 <b>81383</b> 81388	121/121 121/121 121/121 121/121
A5 (B8)	09-17	FWD/AW	OEMA/87570	OEMA	174		81361 81362 <b>81363</b> 81368	81361 81362 <b>81363</b> 81368	121/121 121/121 121/121 121/121
A5 (B7)	07-08	FWD/AW	OEMA	OEMA			81351 81352 <b>81353</b> 81358	81351 81352 <b>81353</b> 81358	121/121 121/121 121/121 121/121
A6 Quattro (C8)	19-24	AWD	OEMA	OEMA			81391 81392 <b>81393</b> 81398	81391 81392 <b>81393</b> 81398	121/121 121/121 121/121 121/121
A6 (C7)	12-18	FWD/AW	OEMA/87570	OEMA	174		81361 81362 <b>81363</b> 81368	81361 81362 <b>81363</b> 81368	121/121 121/121 121/121 121/121
A6 (C6)	05-11	FWD/AW	OEMA	OEMA			81371 81372 81378	81371 81372 81378	121/121 121/121 121/121
A6 (C5)	98-04	FWD/AW	N/A	N/A			81351 81352 <b>81353</b> 81358	81351 81352 <b>81353</b> 81358	121/121 121/121 121/121 121/121
A6 Quattro (C4)	95-97	AWD	OEMA	OEMA			N/A	N/A	
A6 (C4)	95-97	FWD	N/A	N/A			N/A	N/A	
A7 (C8)	19-24	AWD	OEMA	OEMA			N/A	N/A	
A7 (C7)	12-18	AWD	OEMA/87570	OEMA	174		81361 81362 <b>81363</b> 81368	81361 81362 <b>81363</b> 81368	121/121 121/121 121/121 121/121
A8 (D5)	19-24	FWD/AW	OEMA	OEMA			N/A	N/A	
A8 (D4)	11-18	FWD/AW	OEMA/87570	OEMA	174		N/A	N/A	
A8 (D3)	04-10	FWD/AW	OEMA	OEMA			81371 81372 <b>81373</b> 81378	81371 81372 <b>81373</b> 81378	121/121 121/121 121/121 121/121
A8 (D2)	96-03	FWD/AW	OEMA	OEMA			N/A	N/A	
Cabriolet	94-98	FWD	N/A	N/A			N/A	OEMA/81260	122



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# CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

## AUDI-cont.

AUDI-cont.			REAR			Thrust Plate	FRONT		
Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	Page
Fox	75-79	FWD	N/A	N/A		N/A	OEMA		
Quattro	82-86	AWD	OEMA	OEMA		N/A	OEMA		
Q3	15-24	FWD/AW	OEMA/81335	OEMA	120	N/A	N/A		
Q5 (B9)	18-24	AWD	OEMA	OEMA		81391 81392 <b>81393</b> 81398	81391 81392 <b>81393</b> 81398	121/121 121/121 121/121 121/121	
Q5 (B8)	09-17	FWD/AW	OEMA	OEMA		81361 81362 <b>81363</b> 81368	81361 81362 <b>81363</b> 81368	121/121 121/121 121/121 121/121	
Q7	17-24	AWD	OEMA	OEMA		81391 81392 <b>81393</b> 81398	81391 81392 <b>81393</b> 81398	121/121 121/121 121/121 121/121	
Q7	07-16	AWD	OEMA/87575	OEMA/87575	174/174	N/A	N/A		
Q8	19-24	AWD	OEMA	OEMA		81391 81392 <b>81393</b> 81398	81391 81392 <b>81393</b> 81398	121/121 121/121 121/121 121/121	
Q8 e-tron	24-24	AWD	OEMA	OEMA		81391 81392 <b>81393</b> 81398	81391 81392 <b>81393</b> 81398	121/121 121/121 121/121 121/121	
RS Q8	20-21	AWD	OEMA	OEMA		81391 81392 <b>81393</b> 81398	81391 81392 <b>81393</b> 81398	121/121 121/121 121/121 121/121	
RS3	17-24	AWD	OEMA/81335	OEMA	120	N/A	N/A		
RS4 (B7)	07-08	AWD	OEMA	OEMA		81351 81352 <b>81353</b> 81358	81351 81352 <b>81353</b> 81358	121/121 121/121 121/121 121/121	
RS5 (B9)	18-25	AWD	OEMA	OEMA		81381 81382 <b>81383</b> 81388	81381 81382 <b>81383</b> 81388	121/121 121/121 121/121 121/121	
RS5 (B8)	13-17	AWD	OEMA	OEMA		81361 81362 <b>81363</b> 81368	81361 81362 <b>81363</b> 81368	121/121 121/121 121/121 121/121	
RS6 (C5)	03	AWD	N/A	N/A		81351 81352 81353 81358	81351 81352 81353 81358	121/121 121/121 121/121 121/121	
RS6 Avant (C8)	21-24	AWD	OEMA	OEMA		81391 81392 <b>81393</b> 81398	81391 81392 <b>81393</b> 81398	121/121 121/121 121/121 121/121	
RS7 (C8)	21-23	AWD	OEMA	OEMA		81391 81392 <b>81393</b> 81398	81391 81392 <b>81393</b> 81398	121/121 121/121 121/121 121/121	
RS7 (C7)	14-18	AWD	OEMA	OEMA		81361 81362 <b>81363</b> 81368	81361 81362 <b>81363</b> 81368	121/121 121/121 121/121 121/121	
R8	07-22	RWD/AW	N/A	OEMA		N/A	N/A		
SQ5 (B9)	18-24	AWD	OEMA	OEMA		81391 81392 <b>81393</b> 81398	81391 81392 <b>81393</b> 81398	121/121 121/121 121/121 121/121	
SQ5 (B8)	13-17	AWD	OEMA	OEMA		81361 81362 <b>81363</b> 81368	81361 81362 <b>81363</b> 81368	121/121 121/121 121/121 121/121	

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# CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

AUDI-cont.			REAR			Thrust Plate	FRONT		
Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	Page
SQ7	20-21	AWD	OEMA	OEMA		81391 81392 <b>81393</b> 81398	81391 81392 <b>81393</b> 81398	121/121 121/121 121/121 121/121	
SQ8	20-21	AWD	OEMA	OEMA		81391 81392 <b>81393</b> 81398	81391 81392 <b>81393</b> 81398	121/121 121/121 121/121 121/121	
S3	15-24	FWD/AW	OEMA/81335	OEMA	120	N/A	N/A		
S4 (B9)	17-24	AWD	OEMA	OEMA		81381 81382 <b>81383</b> 81388	81381 81382 <b>81383</b> 81388	121/121 121/121 121/121 121/121	
S4 (B8)	09-16	AWD	OEMA/87570	OEMA	1704	81361 81362 <b>81363</b> 81368	81361 81362 <b>81363</b> 81368	121/121 121/121 121/121 121/121	
S4 (B6/B7)	03-08	AWD	OEMA	OEMA/81520	122	81351 81352 <b>81353</b> 81358	81351 81352 <b>81353</b> 81358	121/121 121/121 121/121 121/121	
S5 (B9)	18-24	AWD	OEMA	OEMA		81381 81382 <b>81383</b> 813981	81381 81382 <b>81383</b> 81398	121/121 121/121 121/121 121/121	
S5 (B8)	09-17	AWD	OEMA	OEMA		81361 81362 <b>81363</b> 81368	81361 81362 <b>81363</b> 81368	121/121 121/121 121/121 121/121	
S5 (B7)	07-08	AWD	OEMA	OEMA		81351 81352 <b>81353</b> 81358	81351 81352 <b>81353</b> 81358	121/121 121/121 121/121 121/121	
S6 (C8)	20-24	AWD	OEMA	OEMA		81391 81392 <b>81393</b> 81398	81391 81392 <b>81393</b> 81398	121/121 121/121 121/121 121/121	
S6 (C7)	13-18	AWD	OEMA/87570	OEMA	174	81361 81362 <b>81363</b> 81368	81361 81362 <b>81363</b> 81368	121/121 121/121 121/121 121/121	
S6 (C6)	07-11	AWD	OEMA	OEMA		81371 81372 <b>81373</b> 81378	81371 81372 <b>81373</b> 81378	121/121 121/121 121/121 121/121	
S6 (C5)	01-03	AWD	N/A	N/A		81351 81352 <b>81353</b> 81358	81351 81352 <b>81353</b> 81358	121/121 121/121 121/121 121/121	
S7 (C8)	20-24	AWD	OEMA	OEMA		81391 81392 <b>81393</b> 81398	81391 81392 <b>81393</b> 81398	121/121 121/121 121/121 121/121	
S7 (C7)	12-18	AWD	OEMA	OEMA		81361 81362 <b>81363</b> 81368	81361 81362 <b>81363</b> 81368	121/121 121/121 121/121 121/121	
S8 (D5)	20-24	AWD	OEMA	OEMA		N/A	N/A		
S8 (D4)	11-18	AWD	OEMA/87570	OEMA	174	N/A	N/A		
21040, replacement upper arm pinch bolt is available									



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# Applications

## CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

### AUDI-cont.

Model/Body Style	Year	Drive Type	REAR			Thrust Plate	FRONT		
			CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	Page
S8 (D3)	04-10	AWD	OEMA	OEMA			81371 81372 <b>81373</b> 81378	<b>81371</b> 81372 81373 81378	121/121 121/121 121/121 121/121
21040, replacement upper arm pinch bolt available									
S8 (D2)	96-03	AWD	OEMA	OEMA			N/A	N/A	
21040, replacement upper arm pinch bolt is available									
TT	08-23	FWD/AW	OEMA/81335	OEMA	120		N/A	N/A	
TT	00-06	FWD	71500(*1)/ <b>87530</b>	71500(*1)/ <b>87530</b>	106/174		81340	81340	121/121
TT Quattro	00-06	AWD	N/A	OEMA			81340	81340	121/121
100	87-96	FWD	N/A	N/A			N/A	OEMA	
100	70-77	FWD	75400(1)	75400(1)	118/174		N/A	OEMA	
100 Quattro	87-96	AWD	OEMA	OEMA			N/A	OEMA	
200	87-96	FWD	N/A	N/A			N/A	OEMA	
200 Quattro	87-96	AWD	OEMA	OEMA			N/A	OEMA	
4000	80-87	FWD	10408/75200(1)* *use with pn 10408	10408/75200(1)*	70/118		N/A	OEMA	
4000 Quattro	83-87	AWD	OEMA	OEMA			N/A	OEMA	
5000	80-86	FWD	10408/75400(1)* *use with pn 10408	10408/75400(1)*	70/118		N/A	OEMA	
5000 Quattro	86-98	AWD	OEMA	OEMA			N/A	OEMA	
80	88-92	FWD	N/A	N/A			N/A	OEMA	
80 Quattro	88-92	AWD	OEMA	OEMA			N/A	OEMA	
90	88-95	FWD	N/A	N/A			N/A	OEMA	
90 Quattro	88-95	AWD	OEMA	OEMA			N/A	OEMA	

### BENTLY

Continental	04-12	AWD	OEMA	OEMA			<b>81373</b> 81378 <b>21040</b>	<b>81373</b> 81378 <b>21040</b>	121/121 121/121 154/154
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### BUICK

Allure	10	AWD	OEMA 82090	OEMA 82090/ <b>45938</b>	120/167		N/A	OEMA 82130	127
Allure w/ HiPer Strut	10	FWD	OEMA 82090	OEMA 82090/ <b>45938</b>	120/167		N/A	OEMA 82130	127
Allure w/o HiPer Strut	10	FWD	OEMA 82080	OEMA 82085	120/20		N/A	81250	119
Allure	05-09	FWD	81260	OEMA	119		N/A	81260	119
Apollo 'X' Body	73-74	RWD	N/A	N/A			47700 94374 97120	47700 97120	84/84 140/141 141
<i>94001, upper ball joint pg 155</i>									
Cascada	16-19	FWD	N/A	N/A			N/A	OEMA 82130	127
Century	97-05	FWD	81260	OEMA	119			N/A 81260	119
Century	82-96	FWD	75600(1) 75800(1)	75600(1) 75800(1)	118/118 118/118		N/A	82110 <b>85130</b>	WEB <b>173</b>
Century	73-77	RWD	N/A	N/A			47700(*) 94378 97130	47700(*) 97130	84/84 140/141 141
<i>94006, upper ball joint pg. 155</i>									
<i>94017, 1/2" ext upper ball joint, pg. 155</i>									
<i>94011, lower ball joint, pg. 155</i>									
Electra	85-90	FWD	<b>81280</b> 82120/ <b>85130</b>	OEMA	119/173		OEMA	<b>81280</b> 82120/ <b>85130</b>	119 127/173
Enclave	18-24	FWD/AW	OEMA 87445	OEMA 82135	120		N/A	81250	119
Enclave	08-17	FWD/AW	OEMA 82105 82106	OEMA 82105	121 121 160		N/A	81280	119
<b>Stock Replacement Part</b>									
Encore	13-23	AWD	N/A	N/A			N/A	81260	119
Encore	13-23	FWD	71050(*)	71050(*)	105/10		N/A	81260	119

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## CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

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Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	
Encore GX	20-24	FWD/AW	N/A	N/A		N/A	81250	119	
Envision w/ HiPer Strut	16-24	FWD/AW	OEMA	OEMA		N/A	OEMA 82130	127	
Envision w/o HiPer Strut	16-24	FWD/AW	OEMA	OEMA		N/A	81250	119	
Estate Wagon	80-90	RWD	N/A	N/A		47700(*)	47700(*)	84/84	
Grand National <i>94006, upper ball joint pg. 155</i> <i>94017, 1/2" ext upper ball joint pg. 155</i> <i>94011, lower ball joint pg. 155</i>	82-87	RWD	N/A	N/A		47700(*) 95336(22) 97140	47700(*) 97140	84/84 142/141 141	
GS <i>94001, upper ball joint pg. 155</i>	64-72	RWD	N/A	N/A		47700(*) 94344(22) 97110	47700(*) 97110	84/84 141	
LaCrosse	10-16	AWD	OEMA 82090	OEMA 82090/45938	122/167	N/A	OEMA 82130	127	
LaCrosse w/ HiPer Strut	10-16	FWD	OEMA 82090	OEMA 82090/45938	122/167	N/A	OEMA 82130	127	
LaCrosse w/o HiPer Strut	10-16	FWD	OEMA 82080	OEMA 82085	122/122	N/A	81250	119	
LaCrosse	05-09	FWD	81260	OEMA	119	N/A	81260	119	
LeSabre	00-06	FWD	75600(1) 75800(1)	OEMA 75600(1) 75800(1)	118 118/118 118	OEMA	<b>81280</b> 82120/85130	119 127/173	
LeSabre	86-99	FWD	81280/85130 82120	OEMA	122/167 122	OEMA	<b>81280</b> 82120/85130	119 127/173	
LeSabre <i>94006, repl upper ball joint pg. 155</i> <i>94017, 1/2" ext upper ball joint pg. 155</i> <i>94011, lower ball joint pg. 155</i>	71-85	RWD	N/A	N/A		47700(*) 94378(22) 97130	47700(*) 97130	84/84 142/141 141	
Lucerne	06-11	FWD	75600(1) 75800(1)	OEMA 75600(1) 75800(1)	118 118/118 118	N/A	<b>81280</b> 82120/85130	119 127/173	
Park Avenue	97-05	FWD	75600(1) 75800(1)	OEMA 75600(1) 75800(1)	118 118/118 118	OEMA	<b>81280</b> 82120/85130	119 127/173	
Park Avenue	90-96	FWD	81280/85130 82120	OEMA	122/173 127	OEMA	<b>81280</b> 82120/85130	119 127/173	
Rainier	04-07	RWD/4W	N/A	N/A		OEMA/83785	OEMA/83785	173	
Reatta	89-91	FWD	75600(1) 75800(1)	OEMA 75600(1) 75800(1)	118 118/118 118	OEMA	<b>81280</b> 82120/85130	119 127/173	
Regal Sportback/TourX	18-20	AWD	OEMA 82090/45938	OEMA 82090/45938	122/167	N/A	81250	119	
Regal Sportback/TourX	18-20	FWD	OEMA	OEMA		N/A	81250	119	
Regal	11-17	AWD	OEMA 82090/45938	OEMA 82090/45938	122/167	N/A	OEMA 82130	127	
Regal w/ HiPer Strut	11-17	FWD	OEMA 82090/45938	OEMA 82090/45938	122/167	N/A	OEMA 82130	127	
Regal w/o HiPer Strut	11-17	FWD	OEMA 82080	OEMA 82085	122/167	N/A	81250	119	
Regal	97-04	FWD	81260	OEMA/83850	119/WEB	N/A	81260	119	
Regal	88-96	FWD	81280 82120/85130	OEMA/83850	119/WEB 122/173	N/A	N/A/85130	173	
Regal <i>94006, repl upper ball joint pg. 155</i> <i>94006, repl upper ball joint pg. 155</i>	78-87	RWD	N/A	N/A		47700(*) 95336(22)	47700(*), 97140	84/84/141 140	
Regal <i>94006, repl upper ball joint, pg. 155</i>	73-77	RWD	N/A	N/A		47700(*) 94378(22)	47700(*) 97130	84/84 141/141	



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 Alignment Footnotes on page 68 • N/A = No Available Adjuster • OEMA = Original Equipment Manufacturer Adjustment • (\*) = Series P/N, see page for size  
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BUICK-cont.			REAR			Thrust Plate	FRONT		
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94017, 1/2" ext upper ball joint 94011, lower ball joint pg. 155		pg. 155					97130	141	
Rendezvous	02-07	AWD	OEMA	OEMA			N/A	81260	119
Rendezvous	02-07	FWD	75600(1) 75800(1)	75600(1) 75800(1)	118/118 118/118		N/A	81260	119
Riviera	95-99	FWD	75600(1) 75800(1)	OEMA 75600(1) 75800(1)	118 118/118 118		OEMA	<b>81280</b> 82120/ <b>85130</b>	119 127/ <b>173</b>
Riviera	86-93	FWD	75600(1) 75800(1)	OEMA 75600(1) 75800(1)/ <b>83775</b>	118 118/118 118		OEMA	OEMA <b>81280</b> 82120/ <b>85130</b>	119 127/ <b>173</b>
Riviera	79-85	FWD	75600(1), 75800(1) 75800(1)	OEMA, 75600(1) 75600(1) 75800(1)/ <b>83775</b>	118/118 118 118/ <b>172</b>		OEMA	OEMA	
Roadmaster	91-96	RWD	N/A	N/A			47700(*) 94378(22) 97130	47700(*) 97130	84/84 140/141 141
Skyhawk	82-89	FWD	75400(1)	75400(1)	118/118		N/A	81280 82120/ <b>85130</b>	119 127/ <b>173</b>
Skylark	96-98	FWD	75400(1)	75400(1)	118/118		N/A	81260	119
Skylark	86-95	FWD	75400(1)	75400(1)	118/118		N/A	81280, 82120/ <b>85130</b>	119/23/ <b>173</b>
Skylark	80-85	FWD	75400(1)	75400(1)	118/118		N/A	82110/ <b>85130</b>	127/ <b>173</b>
Skylark 'X' Body 94006, repl upper ball joint pg. 155 94017, 1/2" ext upper ball joint, pg. 155 94011, lower ball joint pg. 155	75-79	RWD	N/A	N/A			47700(*) 94378(22) 97130	47700(*) 97130	84/84 140/141 141
Skylark 94001, upper ball joint pg. 155	64-72	RWD	N/A	N/A			47700(*) 94344(22)	47700(*) 97110	84/84 140/141
Somerset	85-89	FWD	75400(1)	75400(1)	118/118		N/A	81280, 82120/ <b>85130</b>	119/23/ <b>173</b>
Special 94001, upper ball joint pg. 155	64-72	RWD	N/A	N/A			47700(*) 94344(22) 97110	47700(*), 97110 97110	84/84/141 140/141 141
Terraza	05-07	AWD	OEMA	OEMA			N/A	81260	119
Terraza	05-07	FWD	75600(1)	75600(1)	118/118				
Verano	12-17	FWD	71030(*)	71030(*)	105/105		N/A	81250	119

## BMW

i3	14-24	FWD	OEMA	OEMA			N/A	N/A	
i4	21-24	FWD	OEMA	OEMA			N/A	N/A	
i7	23-24	FWD	OEMA	OEMA			N/A	N/A	
i8	12-20	AWD	OEMA	OEMA			N/A	N/A	
X1 (U11)	23-24	FWD/AW	OEMA	OEMA			N/A	N/A	
X1 (F48)	16-22	FWD/AW	OEMA 67108	OEMA	88		N/A	OEMA	
X1 (E84)	12-15	RWD/AW	OEMA/ <b>87575</b>	OEMA	<b>174</b>		N/A	N/A	
X2 (F39)	18-23	FWD/AW	OEMA 67108	OEMA	86		N/A	OEMA	
X3 (G01)	18-23	AWD	OEMA/ <b>87575</b>	OEMA	<b>174</b>		N/A	N/A	
X3 (F25)	11-17	AWD	OEMA/ <b>87575</b>	OEMA	<b>174</b>		N/A	OEMA	
X3 (E83)	05-10	AWD	OEMA 67110 72110	OEMA	89 109		N/A	OEMA	
X4 (G02)	19-24	AWD	OEMA	OEMA			N/A	OEMA	
X4 (F26)	14-18	AWD	OEMA/ <b>87575</b>	OEMA	<b>174</b>		N/A	N/A	
X5 (G05)	19-24	AWD	OEMA	OEMA			N/A	N/A	
X5 (F15)	14-18	AWD	OEMA 72115/ <b>87575</b>	OEMA	109/ <b>174</b>		N/A	OEMA	
X5 (E70)	07-13	AWD	OEMA	OEMA			N/A	OEMA	
X5 (E53)	00-06	AWD	OEMA/ <b>87575</b>	OEMA	<b>174</b>		N/A	81280 82120/ <b>85130</b>	119 127/ <b>173</b>

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Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	Page
X6 (G06)	20-24	AWD	OEMA	OEMA			N/A	N/A	
X6 (F16)	15-19	AWD	OEMA	OEMA			N/A	OEMA	
X6 (E71)	08-14	AWD	OEMA	OEMA			N/A	OEMA	
X7 (G07)	19-24	AWD	OEMA/87575	OEMA	174		N/A	N/A	
Z3 (E36)	96-02	RWD	N/A	N/A			N/A	N/A	
Z4 (G29)	19-24	RWD	N/A	N/A			N/A	N/A	
Z4 (E89)	09-16	RWD	OEMA, 72110 67110 72110	OEMA/87565	109/174 89 109		N/A	N/A	
Z4 M (E85)	06-08	RWD	OEMA, 72110 67110 72110	OEMA/87565	109/174 89 109		N/A	OEMA	
Z4 (E85) Except M	03-08	RWD	OEMA, 72110 67110 72110	OEMA/87565	109/174 89 109		N/A	OEMA	
1 Series 1M Coupe	11-12	RWD	OEMA 67105/87575	OEMA/87575	174 88/174		N/A	OEMA	
1 Series (E81,82,87,88)	08-13	AWD	OEMA, 67105/87575	OEMA/87575	88/174		N/A	OEMA	
1 Series (E81,82,87,88)	08-13	RWD	OEMA, 67105/87575	OEMA/87575	88/174		N/A	OEMA	
2 Series G42	22	RWD	N/A	OEMA			N/A	N/A	
2 Series Active Tourer (F45/F46)	20-24	FWD	OEMA 67108	OEMA	89		N/A	N/A	
2 Series F22/F23	14-21	RWD/AW	OEMA/87575	OEMA/87575	174		N/A	OEMA	
3 Series Sedan (G20)	19-24	RWD/AW	OEMA	OEMA			N/A	N/A	
3 Series Sedan and Wagon (F30/F31)	12-18	RWD/AW	OEMA/87575	OEMA/87575	174		N/A	N/A	
3 Series Cpe. and Conv. (E92 E93)	07-13	AWD	OEMA/87575 67105	OEMA/87575	174 89		N/A	OEMA	
3 Series Cpe. and Conv. (E92 E93)	07-13	RWD	OEMA/87575 67105	OEMA/87575	174 89		N/A	OEMA	
3 Series M3	07-13	RWD	OEMA/87575 67105	OEMA/87575	174 89		N/A	OEMA	
3 Series Sedan and Wagon (E90 E91)	06-12	AWD	OEMA 67105	OEMA	89		N/A	OEMA	
3 Series Sedan and Wagon (E90 E91)	06-12	RWD	OEMA 67105	OEMA	89		N/A	OEMA	
3 Series Cpe. and Conv. (E46)	05-06	RWD/AW	OEMA 67110 72110	OEMA/87565	174 89 109		N/A	OEMA	
3 Series Sedan and Wagon (E46)	04-05	RWD/AW	OEMA 67110 72110	OEMA/87565	174 89 109		N/A	OEMA	
3 Series Cpe. and Conv. (E46)	00-04	RWD/AW	OEMA 67110 72110	OEMA/87565	174 89 109		N/A	OEMA	
3 Series M3 (E46)	00-06	RWD	OEMA 67110 72110	OEMA/87565	174 89 109		N/A	OEMA	
3 Series Sedan and Wagon (E46)	99-03	RWD/AW	OEMA 67110 72110	OEMA/87565	174 89 109		N/A	OEMA	
3 Series M Cpe./Rdstr. (E36)	96-02	RWD	N/A	N/A/87567	174		N/A	N/A	
3 Series 318 323 325 328 M3 (E36)	92-99	RWD	OEMA, 72110 67110 72110	OEMA/87567	109/174 89 109		N/A	N/A	
3 Series 318Ti (E30)	92-99	RWD	N/A	N/A			N/A	N/A	
3 Series (E30)	84-91	AWD	N/A	N/A			N/A	N/A	



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3 Series (E30)	84-91	RWD	N/A	N/A		N/A	N/A		
4 Series (G22)	21-24	RWD/AW	OEMA	OEMA		N/A	N/A		
4 Series (F32)	14-20	RWD/AW	OEMA/87575	OEMA/87575	174	N/A	N/A		
5 Series (G30 G31)	17-24	RWD/AW	OEMA	OEMA		N/A	N/A		
5 Series (F10 F11)	10-16	RWD/AW	OEMA/87575	OEMA/87575	174	N/A	N/A		
5 Series (E60 E61)	06-09	AWD	OEMA/87575	OEMA/87575	174	N/A	OEMA		
5 Series (E60 E61)	04-09	RWD	OEMA/87575	OEMA/87575	174	N/A	OEMA		
5 Series (E39)	96-03	RWD	OEMA	OEMA		N/A	N/A		
525i 528i w/o EDC 528iT 530i			72185/72509	72185/72509	111/169				
5 Series (E39)	96-04	RWD	OEMA	OEMA		N/A	N/A		
528i, w/EDC, 540, 540iT, M5			72185/72509	72185/72509	111/165				
5 Series (E23 E34)	87-95	RWD	N/A	N/A		N/A	N/A		
6 Series (F12 F13)	11-19	RWD/AW	OEMA/87575	OEMA/87575	174	N/A	N/A		
6 Series (E63 E64)	04-10	RWD	OEMA	OEMA		N/A	N/A		
			72185/87575,72509	72185/72509	111/174,169				
6 Series (E24)	80-89	RWD	N/A	N/A		N/A	N/A		
7 Series (G11 G12)	16-22	RWD/AW	OEMA	OEMA		N/A	N/A		
7 Series (F01 F02 F03 F04)09-15		RWD/AW	OEMA/87575	OEMA/87575	174	N/A	N/A		
7 Series (E65 E66 E67 E68)	02-08	RWD	OEMA	OEMA		N/A	OEMA		
			72185/87575,72509	72185/72509	111/174,167				
7 Series (E38)	95-01	RWD	OEMA/87575	OEMA/87575	174	N/A	N/A		
7 Series (E23 E32)	87-95	RWD	N/A	N/A		N/A	N/A		
8 Series Coupe (G15)	19-23	RWD/AW	OEMA	OEMA		N/A	N/A		
8 Series Z8 Rdstr. (E52)	00-04	RWD	OEMA	OEMA		N/A	N/A		
8 Series (E31)	90-99	RWD	N/A	N/A		N/A	N/A		

### CADILLAC

Allante	93	FWD	OEMA	OEMA		OEMA/85130	81280 82120/85130	119/169 127/173
Allante	87-92	FWD	N/A	OEMA		OEMA/85130	81280 82120/85130	119/173 127/173
ATS	13-19	RWD/AW	OEMA, 87445	OEMA		N/A	81280	119
Brougham	85-92	RWD	N/A	N/A		47700(*)	47700(*)	84/84
Catera	97-01	RWD	N/A	OEMA		N/A	81250	119
Cimarron	82-88	FWD	75400(1)	75400(1)	118/118	N/A	81280 82120/85130	119 127/173
CTS	16-19	RWD/AW	OEMA, 87445	OEMA		N/A	81280	119
CTS Coupe/Wagon/CTS-V Sedan	14-15	RWD/AW	OEMA	OEMA		OEMA/83785	OEMA/83785	173
CTS Sedan (except CTS-V)	14-15	RWD/AW	OEMA	OEMA		N/A	81280	119
CTS	08-13	RWD/AW	OEMA	OEMA		OEMA/83785	OEMA/83785	173
CTS	03-07	RWD/AW	OEMA	OEMA		OEMA/83775, 83785, 83850	OEMA/83850	173,WEB 173,WEB
CT4	20-24	RWD/AW	OEMA, 87445	OEMA		N/A	81280	119
CT5	20-24	RWD/AW	OEMA, 87445	OEMA		N/A	81280	119
CT6	16-20	RWD/AW	N/A	OEMA		N/A	N/A	
DeVille	00-05	FWD	75600(1) 75800(1)	OEMA 75600(1) 75800(1)	118 118/118 118	OEMA	81280 82120/85130	119 127/173
DeVille Incl. Concours	94-99	FWD	OEMA	OEMA		OEMA	81280 82120/85130	119 127/173
DTS	06-11	FWD	75600(1) 75800(1)	OEMA 75600(1) 75800(1)	118 118/118 118	OEMA	81280 82120/85130	119 127/173
Eldorado	93-03	FWD	OEMA	OEMA		OEMA/85130	81280 82120/85130	119 127/173
Eldorado	86-92	FWD	75600(1) 75800(1)	OEMA 75600(1) 75800(1)/83775	118 118/118 118/174	OEMA	OEMA 81280 82120/85130	119 127/173

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Eldorado	80-85	FWD	75600(1) 75800(1)	OEMA 75600(1) 75800(1)/83775	118 118/118 118/172		OEMA	OEMA	
Escalade	21-22	RWD/4W	N/A	N/A			OEMA 86326 86377	OEMA 86326 86377	131/131 132/132
Escalade ESV	21-22	RWD/4W	N/A	N/A			OEMA 86326 86377	OEMA 86326 86377	131/131 132/132
Escalade EXT <i>45940 for use on OEM style cams only.</i>	07-22	RWD/4W	N/A	N/A			OEMA 86320 86325 86375/45940	OEMA 86320 86325 86350 86375/45940,72509	131/131 132/132 132/132,167 132/167,169
Escalade EXT <i>45940 for use on OEM style cams only.</i>	02-06	RWD/4W	N/A	N/A			OEMA 86320 86325 86375/45940	OEMA 86320 86325 86350 86375/45940,72509	131/131 131/131 132/132,167 132/167,169
ELR	14-16	FWD	71030(*)	71030(*)	105/105		N/A	OEMA 82130	128
Seville STS/SLS	98-04	FWD	75600(1) 75800(1)	OEMA 75600(1) 75800(1)	118 118/118 118		OEMA	81280 82120/85130	119 127/173
Seville STS/SLS	93-97	FWD	OEMA	OEMA			N/A	81280 82120/85130	119 127/173
Seville	86-92	FWD	75600(1) 75800(1)	OEMA 75600(1) 75800(1)/83775	118 118/118 118/172		OEMA	OEMA 81280 82120/85130	119 127/173
Seville	80-85	FWD	75600(1) 75800(1)	OEMA 75600(1) 75800(1)/83775	118 118/118 118/172		OEMA	OEMA	
SRX	10-16	FWD/AW	OEMA	OEMA			N/A	81280	119
SRX	04-09	RWD/AW	OEMA	OEMA/83850	WEB		OEMA/83785, 83775	OEMA/83775	173/172 172
STS	05-11	RWD/AW	OEMA	OEMA			OEMA/83785	OEMA/83785	173
XLR	04-09	RWD	OEMA	OEMA			OEMA	OEMA	
XTS w/ HiPer strut	13-19	FWD/AW	OEMA 82090	OEMA 82090/45938	122/122,167		N/A	OEMA 82130	128
XTS w/o HiPer strut	13-19	FWD/AW	OEMA, 82090 82090	OEMA 82090/45938	122 122/122,167		N/A	81250	119
XT4	19-24	FWD/AW	OEMA	OEMA			N/A	81250	119
XT5	17-24	FWD/AW	OEMA 87445	OEMA 82135	128		N/A	81250	119
XT6	20-24	FWD/AW	OEMA 87445	OEMA 82135	128		N/A	81250	119

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Astro	90-05	AWD	N/A	N/A			OEMA 83790 87400/74910	OEMA 83790 87400/74910	127/127 135/135/170
Astro	85-05	RWD	N/A	N/A		■	47700(*)	47700(*)	84/84
Avalanche 1500 <i>45940 for use on OEM style cams only.</i>	07-13	RWD/4W	N/A	N/A			OEMA 86320 86325 86375/45940	OEMA 86320 86325 86350 86375/45940,72509	131/131 131/131 132/131,167 132/167,169
Avalanche 1500	02-06	RWD/4W	N/A	N/A		■	OEMA	OEMA	

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Alignment Footnotes on page 68 • N/A = No Available Adjuster • OEMA = Original Equipment Manufacturer Adjustment • (\*) = Series P/N, see page for size  
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45940 for use on OEM style cams only.							86320 86325 86375	86320 86325 86375/45940,72509 86470/45940	131/131 131/131 132/167/169 133/167
Avalanche 2500  45940 for use on OEM style cams only.	02-06	4WD	N/A	N/A		■	OEMA 23960 86320 86325 86375/45940,	OEMA 23960 86320 86325 86330/72509 86375/45940,72509	WEB/WEB 131/131 131/131 132/131/169 132/167/169
Aveo	04-11	FWD	75200(15)	75200(15)	118/118		N/A	81250	119
Bel Air 'B' Body	71-81	RWD	N/A	N/A			47700(*) 94378(22) 97130	47700(*), 97130 97130	84/84/141 142/141 141
Bel Air	65-70	RWD	N/A	N/A			47700(*)	47700(*)	84/84
Bel Air	58-64	RWD	N/A	N/A			47700(*) 97150	47700(*) 97150	84/140
Bel Air 94003, upper ball joint pg. 155	55-57	RWD	N/A	N/A			47700(*) 97170	47700(*) 97170	84/84 140
Beretta	96-97	FWD	75400(1)	75400(1)	118/118		N/A	81260	119
Beretta	87-95	FWD	75400(1)	75400(1)	118/118		N/A	81280 82120/85130	119 127/173
Biscayne 'B' Body	71-75	RWD	N/A	N/A			47700(*) 94378 97130	47700(*), 97130 97130	84/84/141 140/141 141
Biscayne	65-70	RWD	N/A	N/A			47700(*)	47700(*)	84/84
Biscayne	58-64	RWD	N/A	N/A			47700(*) 97150	47700(*) 97150	84/1340
Blazer	19-24	FWD/AW	OEMA 87445	OEMA 82135	128		N/A	81250	119
Blazer	92-94	RWD/4W	N/A	N/A		■	OEMA 83790 87400/74910	OEMA 83790 86350(2) 87400/74910, 72509	127/127 135/131/170 135/170/169
Blazer C5 630(x)0* Thrust Plate available.	85-91	RWD	N/A	N/A			47700(*)	47700(*)	84/84
Blazer	82-04	4WD	N/A	N/A		■	OEMA 83710	OEMA 83710	127/127
Blazer C5	71-84	RWD	N/A	N/A		■	47700(*) 97180	47700(*) 97180	84/84 140
Blazer C5	69-70	RWD	N/A	N/A		■	47700(*) 97183	47700(*) 97183	84/84 140
Blazer K5	69-91	4WD	N/A	N/A		■	23000(*)/4169	23000(*)/4169	72/162
Bolt EV	17-23	FWD	N/A	N/A			N/A	81260	119
Camaro	16-24	RWD	OEMA, 87445	OEMA			N/A	81280	119
Camaro	10-15	RWD	OEMA, 87430 87430	OEMA, 87430 87430	135/135 135/135		N/A	81280	119
Camaro	93-02	RWD	N/A	N/A			OEMA/83775	OEMA/83775	172
Camaro 'F-Body	82-92	RWD	N/A	N/A			OEMA	OEMA 81280	119
Camaro 'F-Body 94006, upper ball joint pg. 155 94011, lower ball joint pg. 155	70-81	RWD	N/A	N/A			47700(*) 94378(22)	47700(*) 97130 97130	84/84 140/141 141
Camaro 'F-Body 94001, upper ball joint pg. 155	67-69	RWD	N/A	N/A			47700(*) 94374(22) 97120	47700(*), 97120 97120	84/84/141 140/141 141
Caprice PPV	11-17	RWD	OEMA 87430	OEMA 87430	135		OEMA	81260	119
Caprice 'B' Body 94006, upper ball joint, pg. 155 94017, 1/2" ext upper ball joint pg. 155 94011, lower ball joint pg. 155	71-96	RWD	N/A	N/A			47700(*) 94378(22) 97130	47700(*), 97130 97130	84/84/141 140/141 141
Caprice	65-70	RWD	N/A	N/A			47700(*)	47700(*)	84/84

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Caprice	58-64	RWD	N/A	N/A		47700(*) 97150	47700(*) 97150	84/143	
Captiva Sport	12-15	FWD/AW	OEMA 87420	OEMA 87420	135/135	N/A	81260	119	
Cavalier	95-05	FWD	75400(1)	75400(1)	118/118	N/A	81260	119	
Cavalier	82-94	FWD	75400(1)	75400(1)	118/118	N/A	81280	119	
Celebrity	82-90	FWD	75600(1) 75800(1)	75600(1) 75800(1)	118/118 118/118	N/A	82110/85130	127/173	
Chevelle 94017, 1/2" ext upper ball joint pg. 155 94011, lower ball joint pg. 155	73-77	RWD	N/A	N/A		47700(*) 97130	47700(*), 97130	84/143 143	
Chevelle 94001, upper ball joint pg. 155	64-72	RWD	N/A	N/A		47700(*) 94344(22) 97110	47700(*) 97110	84/84 143/143 143	
Chevette	76-87	RWD	N/A	N/A		OEMA	OEMA		
Citation	80-85	FWD	75400(1)	75400(1)	118/118	N/A	82110/85130	143/173	
City Express	15-18	FWD	N/A	N/A		N/A	81260	119	
Classic	04-05	FWD	81250	OEMA		N/A	81260	119	
Cobalt	05-10	FWD	75400(1)	75400(1)	118/118	N/A	81250	119	
Colorado Except ZR2 45940 for use on OE cams only.	15-22	RWD/4W	N/A	N/A		OEMA 86321 86326 86376 86490/45945	OEMA 86321 86326 86376 86490/45945	131/131 131/131 132/132 133/167	
Colorado ZR2 45945 for use on OE cams only.	15-22	RWD/4W	N/A	N/A		OEMA 86321 86326 86376/45945	OEMA 86321 86326 86376/45945	131/131 131/131 133/167	
Colorado 45940 for use on OE cams only.	04-12	RWD/4W	N/A	N/A		■ OEMA 86320 86325 86360 86375/45940, 45938	OEMA 86320 86325 86360 86375/45940,45938	131/131 131/131 131/131 132/167/167 167	
Corsica	96	FWD	75400(1)	75400(1)	118/118	N/A	81260	119	
Corsica	87-95	FWD	75400(1)	75400(1)	118/118	N/A	81280	119	
Corvette C5/C6/C7/C8	97-24	RWD	OEMA	OEMA		OEMA	OEMA		
Corvette C4 Late 94007, replacement upper ball joint pg. 155	88-96	RWD	OEMA	OEMA		47700(*) 97190	47700(*) 97190	84/84 143	
Corvette C4 Early 94007, replacement upper ball joint pg. 155	84-87	RWD	OEMA	OEMA		47700(*) 97190	47700(*) 97190	84/84 143	
Corvette C2/C3	63-82	RWD	OEMA 83160	OEMA 47170(*)	84/84	47700(*) 97160	47700(*) 97160	84/84 143	
Cruze	11-19	FWD	71030(15)	71030(15)	105/105	N/A	81250	119	
C10 Pickup/Suburban Thrust Plate not for C10/15	71-87	RWD	N/A	N/A		■ 47700(*) 97180	47700(*) 97180	84/84 143	
C10 Pickup/Suburban Thrust Plate not for C10/15	63-70	RWD	N/A	N/A		■ 47700(*) 97183	47700(*) 97183	84/84 143	
C1500 C2500 C3500 1999/2000 Classic Only	88-00	RWD	N/A	N/A		■ OEMA 83790 87400/74910	OEMA 83790 86350(2) 87400/74910,72509	127/127 135/131/170 135/170/169	
C20 C30 Pickup/Suburban	63-87	RWD	N/A	N/A		■ 47700(*)	47700(*)	84/84	
El Camino 94006, upper ball joint pg. 155 94011, lower ball joint pg. 155	78-88	RWD	N/A	N/A		47700(*) 95336(22) 97140	47700(*) 97140	84/84 140/143 143	



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El Camino 94006, upper ball joint pg. 155 94017, 1/2" ext upper ball joint pg. 155 94011, lower ball joint pg. 155	73-77	RWD	N/A	N/A			47700(*) 94378(22) 97130	47700(*) 97130	84/84 140/141 141
El Camino 94001, upper ball joint pg. 155	64-72	RWD	N/A	N/A			47700(*) 94344(22) 97110	47700(*) 97110	84/84 140/141 141
El Camino	59-63	RWD	N/A	N/A			47700(*) 97150	47700(*) 97150	84/143
Equinox	18-24	FWD/AW	OEMA	OEMA			N/A	81250	119
Equinox	05-17	FWD/AW	OEMA 87420	OEMA 87420	135/135		N/A	81260	119
Express 45940 for use on OEM style cams only.	03-24	RWD/4W	N/A	N/A		■	OEMA 86320 86325 86370 86375/45940	OEMA 86320 86325 86350(33) 86370 86375/45940,72509	131/131 131/131 132/131 132/132/167 132/167/169
Express	96-02	RWD	N/A	N/A		■	OEMA 83790 87400/74910	OEMA 83790 87400/74910	127 135/167
G10 G20 Van Gas Only	73-95	RWD	N/A	N/A		■	47700(*) 97180	47700(*) 97180	84/84 143
G10 G20 Van Except Disc Brakes	70-71	RWD	N/A	N/A		■	47700(*) 97183	47700(*) 97183	84/84 143
G30	71-96	RWD	N/A	N/A		■	47700(*)	47700(*)	84/84
HHR	06-11	FWD	75400(1)	75400(1)	118/118		N/A	81250	119
Impala	14-20	FWD	OEMA	OEMA			N/A	81250	119
Impala	99-13	FWD	81260	OEMA			N/A	81260	119
Impala 'B' Body 94006, upper ball joint pg. 155 94006, upper ball joint pg. 155 94017, 1/2" ext upper ball joint pg. 155	71-96	RWD	N/A	N/A			47700(*) 94378(22) 97130	47700(*) 97130	84/84 140/141 141
Impala	64-70	RWD	N/A	N/A			47700(*)	47700(*)	84/84
Impala	59-60	RWD	N/A	N/A			47700(*) 97150	47700(*) 97150	84/143
Impala Limited	14-16	FWD	81260	OEMA	119		N/A	81260	119
Kodiak 4500 5500	03-09	RWD	N/A	N/A		■	Axle Wedges	N/A	
Kodiak 4500 5500	03-09	4WD	N/A	N/A		■	Axle Wedges 23230(*)/74600 24230	23230(*)/24230,74600	74/77/170 74/170 75
K10 K15 K20 K25 Pickup/Suburban	70-87	4WD	N/A	N/A		■	23000(*)/4169	23000(*)/4169	74/162
K1500 K2500 K3500 1999/2000 Classic Only	88-00	4WD	N/A	N/A		■	OEMA 83790 87400/74910	OEMA 83790 86350(2) 87400/74940,72509	127/127 135/131/170 135/170/169
K30 K35	58-87	4WD	N/A	N/A		■	Axle Wedges	23000(*)/4169	74/162
K30 V30 Dana 60	88-93	4WD	N/A	N/A		■	Axle Wedges 88940	88940	137 137
Lumina	95-01	FWD	81260	OEMA/83850	119/WEB		N/A	N/A/85130	173
Lumina	90-94	FWD	81280 82120/85130	OEMA/83850	119/WEB 127/WEB		N/A	N/A/85130	173
Lumina APV	90-96	FWD	75600(1) 75800(1)	75600(1) 75800(1)	118/118 118/118		N/A	82110/85130	127/173
Luv Pickup	80-82	RWD/4W	N/A	N/A		■	47700(*)	47700(*)	84/84
Malibu incl. Limited	13-24	FWD	OEMA	OEMA			N/A	81250	119
Malibu Classic	08	FWD	OEMA 75400(17)	OEMA 75400(17)	118/118		N/A	81250	119
Malibu Classic	04-05	FWD	81250	OEMA	119		N/A	81260	119
Malibu	04-12	FWD	OEMA 75400(17) 82100	OEMA 75400(17) 82100	119/119 122/122		N/A	81250	119
Malibu	97-03	FWD	81250	OEMA	119		N/A	81260	119

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Malibu <i>94006, upper ball joint pg. 155</i> <i>94011, lower ball joint pg. 155</i>	78-83	RWD	N/A	N/A		47700(*) 95336(22) 97140	47700(*), 97140 97140	84/84/143 140/143 143	
Malibu <i>94006, upper ball joint pg. 155</i> <i>94017, 1/2" ext upper ball joint pg. 155</i> <i>94011, lower ball joint pg. 155</i>	73-77	RWD	N/A	N/A		47700(*) 94378(22) 97130	47700(*) 97130	84/84 140/143 143	
Malibu <i>94001, upper ball joint pg. 155</i>	64-72	RWD	N/A	N/A		47700(*) 94344(22) 97110	47700(*), 97110 97110	84/84/143 140/143 143	
Metro	98-01	FWD	N/A	OEMA		N/A	81250	119	
Monte Carlo	00-07	FWD	81260	OEMA	119	N/A	81260	119	
Monte Carlo	95-99	FWD	81280, 82120/85130	OEMA/83850	119/127/WEB	N/A	N/A/85130	173	
Monte Carlo <i>94006, upper ball joint pg. 155</i> <i>94011, lower ball joint pg. 155</i>	78-88	RWD	N/A	N/A		47700(*) 95336(22) 97140	47700(*), 97140 97140	84/84/143 140/143 143	
Monte Carlo <i>94006, upper ball joint pg. 155</i> <i>94017, 1/2" ext upper ball joint pg. 155</i> <i>94011, lower ball joint pg. 155</i>	73-77	RWD	N/A	N/A		47700(*) 94378(22) 97130	47700(*) 97130	84/84 140/143 143	
Monte Carlo <i>94001, upper ball joint pg. 155</i>	70-72	RWD	N/A	N/A		47700(*) 94344(22) 97110	47700(*), 97110 97110	84/84/143 140/143 143	
Nova	85-88	FWD	81250	OEMA	119	N/A	OEMA 81250	119	
Nova 'X' Body <i>94006, upper ball joint pg. 155</i> <i>94017, 1/2" ext upper ball joint pg. 155</i> <i>94011, lower ball joint pg. 155</i>	75-79	RWD	N/A	N/A		47700(*) 94378(22) 97130	47700(*) 97130	84/84 140/143 143	
Nova 'X' Body <i>94001, upper ball joint pg. 155</i>	68-74	RWD	N/A	N/A		47700(*) 94374(22) 97120	47700(*), 97120 97120	84/84/143 140/143 143	
Optra	03-07	FWD	81250	OEMA	119	N/A	81250	119	
Prizm	98-02	FWD	75600(1) 75800(1) 81250	OEMA 75600(1) 75800(1)	118 118/118 119/118	N/A	OEMA, 81260 81260	119 119	
P10 Van	73-80	RWD	N/A	N/A		47700(*) 97180	47700(*) 97180	84/84 143	
P10 Van	63-67	RWD	N/A	N/A		47700(*) 97183	47700(*) 97183	84/84 143	
R10 R20 R30 R1500 R2500 R3500 Pickup/Suburban	88-91	RWD	N/A	N/A		47700(*)	47700(*)	84/84	
S-10 Blazer	82-04	RWD	N/A	N/A		47700(*) 95336(22) 97140	47700(*) 97140	84/84 140/143 143	
S-10 Blazer	82-04	4WD	N/A	N/A		OEMA 83710	OEMA 83710	127/127	
Silverado 1500	19-24	RWD/4W	N/A	N/A		OEMA 86326 86377	OEMA, 86326, 86377 86326 86377	131/132 131/131 132	
Silverado 1500 <i>45940 for use on OEM style cams only.</i>	07-18	RWD/4W	N/A	N/A		OEMA 86320 86325 86375/45940	OEMA 86320 86325 86350(35) 86375/45940, 72509	131/131 131/131 132/131/167 132/167/169	
Silverado 1500 HD Crew Cab	01-06	RWD/4W	N/A	N/A		OEMA 23960	OEMA 23960	WEB/WEB	



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45940 for use on OEM style cams only.							86320 86325 86375/ <b>45940</b> <b>72509</b>	86320 86325 86330/ <b>45940</b> 86375/ <b>72509</b>	131/131 131/131 132/131/ <b>167</b> 132/ <b>169</b>
Silverado 1500 45940 for use on OEM style cams only.	99-06	RWD/4W	N/A	N/A		■	OEMA 86320, 86325 86375 86470/ <b>45940</b>	OEMA 86320 86325 86350/ <b>72509</b> 86375/ <b>45940</b>	131/131 131/131 132/131/ <b>169</b> 133/132/ <b>167</b>
Silverado 2500 45945 for use on OE cams only.	20-24	RWD/4W	N/A	N/A		■	OEMA	OEMA	
Silverado 2500 45945 for use on OE cams only.	11-19	RWD/4W	N/A	N/A		■	OEMA 86321 86326 86376/ <b>45945</b>	OEMA 86321 86326 86376/ <b>45945</b>	131/131 131/131 132/ <b>167</b>
Silverado 2500 45940 for use on OEM style cams only.	99-10	RWD/4W	N/A	N/A		■	OEMA 23960 86320 86325 86375/ <b>45940</b> <b>72509</b>	OEMA 23960 86320 86325 86330/ <b>45940</b> 86375/ <b>72509</b>	WEB/WEB 131/131 131/131 132/131/ <b>167</b> 132/ <b>169</b>
Silverado 2500 HD RWD Cab/Chassis	91-02	RWD	N/A	N/A		■	Axle Wedges	N/A	
Silverado 3500	20-24	RWD/4W	N/A	N/A		■	OEMA	OEMA	
Silverado 3500 45940 for use on OEM style cams only.	11-19	RWD/4W	N/A	N/A		■	OEMA 86321 86326 86376/ <b>45945</b>	OEMA 86321 86326 86376/ <b>45945</b>	131/131 131/131 132/ <b>167</b>
Silverado 3500 45940 for use on OEM style cams only.	99-10	RWD/4W	N/A	N/A		■	OEMA 23960 86320 86325 86375/ <b>45940</b> , <b>72509</b>	OEMA 23960 86320 86325 86375/ <b>45940</b> 86330/ <b>73509</b>	WEB/WEB 131/131 131/131 132/ <b>166</b> 131/ <b>169</b>
Silverado 3500 HD RWD Cab/Chassis	91-02	RWD	N/A	N/A		■	Axle Wedges	N/A	
Silverado 4500, 5500	19-24	RWD	N/A	N/A		■	N/A	N/A	
Silverado 4500, 5500	19-24	4WD	N/A	N/A		■	23230 24230/ <b>74600</b>	23230 24230/ <b>74600</b>	74/74 77/ <b>170</b>
Sonic	12-20	FWD	71050(*)	71050(*)	105/105		N/A	81260	119
Spark	13-22	FWD	N/A	N/A			N/A	81250	119
Spectrum	85-88	FWD	75200(1)	75200(1)	118/118		N/A	81250	119
Sprint Metro	87-98	FWD	N/A	N/A			N/A	OEMA, 81250	119
Sprint	85-86	FWD	N/A	N/A			N/A	81250	119
Suburban	21-24	RWD/4W	N/A	N/A			OEMA 86326 86377	OEMA 86326 86377	131/131 132/132
Suburban 45940 for use on OEM style cams only.	15-20	RWD/4W	N/A	N/A			OEMA 86320 86325 86375/ <b>45940</b>	OEMA 86320 86325 86375/ <b>45940</b> 86350/ <b>72509</b>	131/131 131/131 132/ <b>167</b> 131/ <b>169</b>
Suburban	69-91	4WD	N/A	N/A		■	23000(*)/ <b>4169</b>	23000(*)/ <b>4169</b>	74/ <b>162</b>
Suburban	65-91	RWD	N/A	N/A		■	47700(*)	47700(*)	84/84
Suburban 1500 45940 for use on OEM style cams only.	07-14	RWD/4W	N/A	N/A			OEMA 86320 86325 86375/ <b>45940</b>	OEMA 86320 86325 86375/ <b>45940</b>	131/131 131/131 132/ <b>167</b>
Suburban 1500 45940 for use on OEM style cams only.	00-06	RWD/4W	N/A	N/A			OEMA 86320 86325 86375/ <b>45940</b>	OEMA 86320 86325 86375/ <b>45940</b> 86350/ <b>72509</b>	131/131 131/131 127/ <b>167</b> 132/ <b>169</b>
Suburban 1500	92-99	RWD/4W	N/A	N/A		■	OEMA 83790	OEMA 83790	127

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Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	Page
							87400/74910	87400/74910 86350(2)/72509	135/170 131/169
Suburban 2500 <i>45940 for use on OEM style cams only.</i>	00-14	RWD/4W	N/A	N/A		■	OEMA 23960 86320 86325 86375/45940, 72509	OEMA 23960 86320 86325 86375/45940 86330/72509	WEB/WEB 131/131 131/131 132/167 131/169
Suburban 2500	92-99	RWD/4W	N/A	N/A		■	OEMA 83790 87400/74910	OEMA 83790 87400/74910 86350(2)/72509	127 135/170 131/169
SS	14-17	RWD	OEMA 87430	OEMA 87430	135/135		N/A	81260	119
SSR	04-06	RWD	N/A	N/A		■	OEMA/83785	OEMA/83785	173/173
S10 <i>94006, replacement upper ball joint pg. 000</i>	82-04	RWD	N/A	N/A		■	47700(*) 95336(22) 97140	47700(*) 97140	84/84 143/143 143
S10	82-04	4WD	N/A	N/A		■	OEMA 83710	OEMA 83710	127
Tahoe	21-24	RWD/4W	N/A	N/A			OEMA 86326 86377	OEMA 86326 86377	131/131 132/132
Tahoe <i>45940 for use on OEM style cams only.</i>	07-20	RWD/4W	N/A	N/A			OEMA 86320 86325 86375/45940	OEMA 86320 86325 86375/45940 86350/72509	131/131 131/131 132/167 131/169
Tahoe <i>45940 for use on OEM style cams only.</i>	00-06	RWD/4W	N/A	N/A			OEMA 86320 86325 86375/45940 86470	OEMA 86320 86325 86375/45940 86350/72509	131/131 131/131 132/167 133/131/169
Tahoe <i>45940 for use on OEM style cams only.</i>	95-99	RWD/4W	N/A	N/A		■	OEMA 83790 87400/74910	OEMA 83790 87400/74910 86350(2)/72509	127/127 135/170 131/169
Tracker	98-04	4WD	N/A	N/A		■	N/A	81250	119
Trailblazer	21-24	FWD/AW	N/A	N/A			N/A	81250	119
Trailblazer	02-09	RWD/4W	N/A	N/A			OEMA/83785	OEMA/83785	173/173
Traverse	18-23	FWD/AW	OEMA 87445	OEMA 82135	128		N/A	81250	119
Traverse <b>Stock Replacement Part</b>	09-17	FWD/AW	OEMA 82105 82106 15647	OEMA 82105	127/127 127 160		N/A	81280	119
Trax	15-22	AWD	N/A	N/A			N/A	81260	119
Trax	15-22	FWD	71050(*)	71050(*)	105/105		N/A	81260	119
Tri-5 Body <i>94003, upper ball joint pg. 000</i>	55-57	RWD	N/A	N/A			47700(*) 97170	47700(*) 97170	84/84 143
Uplander	05-08	AWD	OEMA	OEMA			N/A	81260	119
Uplander	05-08	FWD	75600(1) 75800(1)	75600(1) 75800(1)	118/118 118/118		N/A	81260	119
Venture	02-05	AWD	OEMA	OEMA			N/A	81260	119
Venture	97-05	FWD	75600(1) 75800(1)	75600(1) 75800(1)	118/118 118/118		N/A	81260	119
Volt	11-19	FWD	71030(*)	71030(*)	105/105		N/A	81250	119
V30 Dana 60	87-98	4WD	N/A	N/A		■	Axle Wedges 88940	88940	137 137



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BOLD PART NUMBER INDICATES PREFERRED CORRECTION METHOD • WEB = Check [www.specprod.com](http://www.specprod.com) for more information ■ = Thrust Plate, pg. 85  
Alignment Footnotes on page 68 • N/A = No Available Adjuster • OEMA = Original Equipment Manufacturer Adjustment • (\*) = Series P/N, see page for size  
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V3500 Dana 60	89-91	4WD	N/A	N/A			Axle Wedges 88940	88940	137 137

### CHRYSLER

All Passenger Car Models	60-73	RWD	N/A	N/A			OEMA 83160	OEMA 83160	126/126
Aspen	07-09	RWD/AW	N/A	N/A			OEMA	OEMA	
Cirrus	95-00	FWD	OEMA	OEMA			N/A	67180/ <b>40920</b>	92/ <b>165</b>
Concorde	98-04	FWD	67080	OEMA	WEB		N/A	81280 82120/ <b>85130</b>	119 127/ <b>173</b> 75
<b>Stock Replacement Part</b>									
Concorde	93-97	FWD	N/A	OEMA			N/A	<b>81280</b>	119
Crossfire Inc. SRT6	04-08	RWD	28840/ <b>75990,72509</b>	OEMA	83/ <b>171/169</b>		28815	28815	83/83
E Class	83-86	FWD	75200 <b>(1)</b>	75200 <b>(1)</b>	118/118		N/A	OEMA 83170/ <b>85130</b>	127/ <b>173</b>
Executive Sedan	83-86	FWD	75200(1)	75200(1)	118/118		N/A	OEMA 83170/ <b>85130</b>	127/ <b>173</b>
Fifth Avenue	90-93	FWD	75200(1)	75200(1)	118/118		N/A	OEMA 83170/ <b>85130</b>	127/ <b>173</b>
Imperial	90-93	FWD	75200(1)	75200(1)	118/118		N/A	OEMA 83170/ <b>85130</b>	127/ <b>173</b>
Imperial	81-93	RWD	N/A	N/A			OEMA/ <b>8286</b>	OEMA/ <b>8286</b>	<b>163/163</b>
Laser	84-86	FWD	75200 <b>(1)</b>	75200 <b>(1)</b>	118/1148		N/A	OEMA 83170/ <b>85130</b>	127/ <b>173</b>
LeBaron	82-95	FWD	75200 <b>(1)</b>	75200 <b>(1)</b>	118/118		N/A	OEMA 83170/ <b>85130</b>	127/ <b>173</b>
LHS	98-01	FWD	67080	OEMA	WEB		N/A	<b>81280</b> 82120/ <b>85130</b>	119 127/ <b>173</b> 75
<b>Stock Replacement Part</b>									
LHS	94-97	FWD	N/A	OEMA			N/A	<b>81280</b> 82120/ <b>85130</b>	119 127/ <b>173</b>
New Yorker	94-97	FWD	N/A	OEMA			N/A	<b>81280</b> 82120/ <b>85130</b>	119 127/ <b>173</b>
New Yorker 5th Ave.	83-89	RWD	N/A	N/A			OEMA	OEMA	
New Yorker	83-93	FWD	75200 <b>(1)</b>	75200 <b>(1)</b>	118/118		N/A	OEMA 83170/ <b>85130</b>	127/ <b>173</b>
Pacifica	04-08	AWD/FW	66050/ <b>40920, 66025</b>	OEMA 66055/ <b>66025, 40920</b>	84/ <b>165</b> 89/ <b>169</b> <b>165</b>		N/A	81260	0119
Pacifica	17-24	FWD	OEMA	OEMA			N/A	81260	119
PT Cruiser	01-10	FWD	71740(*)	71740(*)	106/106		N/A	81260	119
Sebring	07-10	FWD	67015	OEMA	89		N/A	81260	119
Sebring Sedan & Conv.	04-06	FWD	67025	OEMA	89		N/A	67180/ <b>40920</b>	88/ <b>165</b>
Sebring Sedan & Conv.	01-03	FWD	OEMA	OEMA			N/A	67180/ <b>40920</b>	88/ <b>165</b>
Sebring 2Dr. Coupe	01-06	FWD	73620(8)	OEMA	117		N/A	<b>81280</b> 82120/ <b>85130</b>	119 127/ <b>173</b>
Sebring Conv.	96-00	FWD	OEMA	OEMA			N/A	67180/ <b>40920</b>	88/ <b>1673</b>
Sebring 2Dr. Coupe	95-00	FWD	73620(8)	OEMA	117		N/A	67170/ <b>40920</b>	88/ <b>173</b>
Town & Country	01-16	AWD	N/A	N/A			N/A	81260 83170/ <b>85130</b>	119 127/ <b>173</b>
Town & Country	01-16	FWD	71700 <b>(*1)</b>	71700 <b>(*1)</b>	106/106		N/A	OEMA 81260 83170/ <b>85130</b>	119 127/ <b>173</b>
Town & Country	96-00	AWD	N/A	N/A			N/A	OEMA	
Town & Country	96-00	FWD	71700(*)	71700(*)	106/106		N/A	OEMA 83170/ <b>85130</b>	127/ <b>173</b>
Town & Country	90-95	AWD	N/A	N/A			N/A	OEMA 83170/ <b>85130</b>	127/ <b>173</b>
Town & Country	90-95	FWD	75400(1)	75400(1)	118/118		N/A	OEMA 83170/ <b>85130</b>	127/ <b>173</b>
Town & Country	82-88	FWD	75200(1)	75200(1)	118/118		N/A	OEMA 83170/ <b>85130</b>	127/ <b>173</b>

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Voyager	20-24	FWD	OEMA	OEMA		N/A	81260	119	
Voyager	00-03	AWD	N/A	N/A		N/A	81260 83170/ <b>85130</b>	119 127/ <b>173</b>	
Voyager	00-03	FWD	71700(*)	71700(*)	106/106	N/A	OEMA, 81260 83170/ <b>85130</b>	119 127/ <b>173</b>	
200	15-17	FWD/AW	84086, OEMA	67477, OEMA	95/95	N/A	N/A		
200	11-14	FWD	67018, 75600(1)	75600(1)	118/118	N/A	81260	119	
300	11-23	RWD	66050/ <b>40920,66025</b>	OEMA 66055/ <b>66025, 40920</b>	88/ <b>165/169</b> 89/ <b>169</b> <b>165</b>	66038 <b>66045/74920</b>	66038 <b>66045/74920</b>	88/88 88/ <b>165</b>	
300	09-10	RWD	66050/ <b>40920,66025</b>	OEMA 66055/ <b>66025, 40920</b>	88/ <b>165/169</b> 89/ <b>169</b> <b>165</b>	66037 <b>66045</b>	66037 <b>66045</b>	88/88 88/88	
300	05-08	RWD	66050/ <b>40920,66025</b>	OEMA 66055/ <b>66025, 40920</b>	88/ <b>165/169</b> 89/ <b>169</b> <b>165</b>	66037 <b>66040</b>	66037 <b>66040</b>	88/88 88/88	
300	05-21	AWD	66050/ <b>40920,66025</b>	OEMA 66055/ <b>66025, 40920</b>	88/ <b>165/169</b> 89/ <b>169</b> <b>165</b>	66047	66037	88/88	
300 M	99-04	FWD	67080	OEMA	WEB	N/A	81280 82120/ <b>85130</b> <b>23600</b>	119 127/ <b>173</b> <b>75</b>	
<b>Stock Replacement Part</b>									
Lanos	98-02	FWD	N/A	N/A		N/A	N/A		
Leganza	98-02	FWD	81250	OEMA	119	N/A	81250	119	
Nubira	98-02	FWD	81250	OEMA	119	N/A	81250	119	
<b>DAIHATSU</b>									
Charade	88-92	FWD	81250	OEMA	119	N/A	81250	119	
Rocky	90-92	4WD	N/A	N/A		47700(*)	47700(*)	84/84	
<b>DODGE</b>									
All Passenger B&E(Except 880)	62-65	RWD	N/A	N/A		OEMA 97300	OEMA 97300	143	
All Passenger Car (Except B&E)	60-73	RWD	N/A	N/A		OEMA 83160	OEMA 83160	126/126	
Aries	81-89	FWD	75200 <b>(1)</b>	75200 <b>(1)</b>	118/118	N/A	OEMA 83170/ <b>85130</b>	127/ <b>173</b>	
Avenger	11-14	FWD/AW	67018	OEMA	89	N/A	81260	119	
Avenger	08-10	FWD/AW	67015	OEMA	89	N/A	81260	119	
Avenger	95-00	FWD	73620 <b>(8)</b>	OEMA	120	N/A	<b>67170/40920</b>	87/ <b>165</b>	
B100,200,300 Ram Van	70-80	RWD	N/A	N/A		■ OEMA 83160	OEMA 83160	126/126	
B150,250,350 Ram Van	81-01	RWD	N/A	N/A		■ OEMA/ <b>8286</b>	OEMA/ <b>8286</b>	<b>162/162</b>	
Caliber	07-12	FWD/AW	67455	OEMA	94	N/A	81260	119	
Caravan	01-07	AWD	N/A	N/A		N/A	OEMA 81260 83170/ <b>85130</b>	119 127/ <b>162</b>	
Caravan	01-07	FWD	71700 <b>(*1)</b>	71700 <b>(*1)</b>	106/106	N/A	OEMA 81260 83170/ <b>85130</b>	119 127/ <b>173</b>	
Caravan	96-00	AWD	N/A	N/A		N/A	OEMA 83170/ <b>85130</b>	127/ <b>173</b>	
Caravan	96-00	FWD	71700(*)	71700(*)	106/106	N/A	OEMA 83170/ <b>85130</b>	127/ <b>173</b>	
Caravan	90-95	AWD	N/A	N/A		N/A	OEMA		



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			CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	Page
Caravan	84-95	FWD	75400(1)	75400(1)	118/118		N/A	83170/85130	127/173
Challenger	17-22	AWD	66050/40920,66025	OEMA 66055/66025, 40920	87/165/168 87/168 165		66047	66047	86/86
Challenger	11-23	RWD	66050/40920,66025	OEMA 66055/66025, 40920	87/165/168 87/168 165		66038 66045/74920	66038 66045/74920	86/86 86/169
Challenger	09-10	RWD	66050/40920,66025	OEMA 66055/66025, 40920	87/165/168 87/168 165		66038 66045	66037 66045	86/86 86/86
Challenger	08	RWD	66050/40920,66025	OEMA 66055/66025, 40920	87/165/168 87/168 165		66038 66040	66037 66040	86/86 86/86
Challenger	80-83	RWD	N/A	N/A			OEMA	N/A	
Challenger	70-74	RWD	N/A	N/A			OEMA 97300	OEMA 97300	143/143
Charger	11-23	RWD	66050/40920,66025	OEMA 66055/66025, 40920	87/165/168 87/168 165		66038 66045	66037 66045	86/86 86/86
Charger	09-10	RWD	66050/40920,66025	OEMA 66055/66025, 40920	87/165/168 87/168 165		66038 66045	66037 66045	84/84 84/84
Charger	06-08	RWD	66050/40920,66025	OEMA 66055/66025, 40920	87/165/168 87/168 165		66038 66040	66037 66040	86/86 86/86
Charger	06-22	AWD	66050/40920,66025	OEMA 66055/66025, 40920	87/165/168 87/168 165		66047	66047	86/86
Charger	82-87	FWD	75200(1)	75200(1)	118/118		N/A	OEMA 83170/85130	127/173
Charger	66-72	RWD	N/A	N/A			OEMA 97300	OEMA 97300	143/143
Colt	93-94	FWD	OEMA	OEMA			N/A	81250	119
Colt Vista	92-94	FWD/AW	N/A	OEMA			N/A	OEMA	
Colt Vista	84-91	FWD/AW	N/A	OEMA			OEMA	81250	119
Colt Vista	94-94	4WD	N/A	OEMA			N/A	81250	119
Colt	80-87	RWD	N/A	N/A			OEMA	81250	119
Colt	80-93	FWD	N/A	N/A			N/A	81250	119
Conquest	84-86	RWD	N/A	OEMA			OEMA	N/A	
Coronet Incl. Super Bee	65-72	RWD	N/A	N/A			OEMA 97300	OEMA 97300	143/143
Dakota	05-11	RWD/4W	N/A	N/A			OEMA 82400	OEMA 82400	126/126
Dakota	87-04	RWD/4W	N/A	N/A		■	OEMA/6140, 8286	OEMA/6140, 8286	162/162 162/162
Dart	13-16	FWD	N/A	OEMA			N/A	N/A	
Dart	73-76	RWD	N/A	N/A			OEMA 97300	OEM 97300	143/143
Daytona	84-94	FWD	75200(1)	75200(1)	118/118		N/A	OEMA 83170/85130	127/173
Durango (V6 Engine)	16-24	RWD/AW	OEMA	OEMA			OEMA	OEMA 82360	119
Durango (V8 Engine)	16-24	RWD/AW	OEMA	OEMA			OEMA	OEMA 82363	119
Durango	04-10	RWD/AW	N/A	N/A			OEMA	OEMA	
Durango	98-03	RWD/AW	N/A	N/A		■	OEMA/6140, 8286	OEMA/6140, 8286	162/162 162/162
Dynasty	88-93	FWD	75200(1)	75200(1)	118/118		N/A	OEMA 83170/85130	127/173
D100,150,200,250 Truck	72-87	RWD	N/A	N/A		■	OEMA	OEMA	

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# CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

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Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	
						83160	83160	126/126	
D150,250,350 Truck	88-93	RWD	N/A	N/A		■ OEMA	OEMA		
D300,350,400,450 Truck	72-87	RWD	N/A	N/A		■ OEMA	OEMA		
						83160	83160	126/126	
Grand Caravan	01-20	AWD	N/A	N/A		N/A	<b>81260</b> 83170/ <b>85130</b>	119 127/ <b>173</b>	
Grand Caravan	01-20	FWD	71700(*1)	71700(*1)	106/106	N/A	OEMA, 81260 <b>81260</b> 83170/ <b>85130</b>	119 119 127/ <b>173</b>	
Grand Caravan	96-00	AWD	N/A	N/A		N/A	OEMA 83170/ <b>85130</b>	127/ <b>173</b>	
Grand Caravan	96-00	FWD	71700(*)	71700(*)	106/106	N/A	OEMA 83170/ <b>85130</b>	127/ <b>173</b>	
Grand Caravan	90-95	AWD	N/A	N/A		N/A	OEMA 83170/ <b>85130</b>	127/ <b>173</b>	
Grand Caravan	84-95	FWD	75400(1)	75400(1)	118/118	N/A	OEMA 83170/ <b>85130</b>	127/ <b>173</b>	
Hornet	23-24	FWD/AW	81250	OEMA	119	N/A	81250	119	
Intrepid	98-04	FWD	67080	OEMA	WEB	N/A	81280 82120/ <b>85130</b> <b>23600</b>	119 127/ <b>173</b> <b>75</b>	
<b>Stock Replacement Part</b>									
Intrepid	93-97	FWD	N/A	OEMA		N/A	81280 82120/ <b>85130</b>	119 127/ <b>173</b>	
Journey	11-20	FWD/AW	67018	OEMA	87	N/A	81260	119	
Journey	09-10	FWD/AW	67015	OEMA	87	N/A	81260	119	
Lancer	85-89	FWD	75200(1)	75200(1)	118/118	N/A	OEMA 83170/ <b>85130</b>	127/ <b>173</b>	
Magnum	05-08	AWD	66050/ <b>40920,66025</b>	OEMA 66055/ <b>66025,40920</b>	87/ <b>165/168</b> 87/ <b>168</b> <b>165</b>	66047	66037 66047	86/86 86	
Magnum	05-08	RWD	66050/ <b>40920,66025</b>	OEMA 66055/ <b>66025,40920</b>	87/ <b>165/168</b> 87/ <b>168</b> <b>165</b>	66037 66040	66037 66040	86/86 86/86	
Monaco	90-92	FWD	75200(1)	75200(1)	118/118	N/A	81280 83170/ <b>85130</b>	119 127/ <b>173</b>	
Neon Incl. SRT4	94-06	FWD	67210 81250	OEMA 67210	88 119/88	N/A	81260	119	
Nitro	07-12	RWD/AW	N/A	N/A		OEMA 82365	OEMA 82365	128/128	
Omni Incl. O24	78-90	FWD	75200(1)	75200(1)	118/118	N/A	OEMA 83170/ <b>85130</b>	127/ <b>173</b>	
Promaster	14-19	FWD	N/A	N/A		N/A	N/A		
Promaster City	15-19	FWD	N/A	N/A		N/A	81250	119	
Raider	87-89	RWD/AW	N/A	N/A		■ OEMA	OEMA		
Ram 1500 Mega Cab	06-08	RWD	N/A	N/A		OEMA	OEMA		
Ram 1500 Mega Cab	06-08	4WD	N/A	N/A		23800(*) 82385(16)/ <b>72509,23780</b>	23800(*)/ <b>72509,23780</b>	76/ <b>169/162</b> 125/ <b>169</b> <b>162</b>	
Ram 1500 Exc. Mega Cab	06-10	RWD/4W	N/A	N/A		OEMA 23940/ <b>72509</b> 82420/ <b>37995</b>	OEMA 23940/ <b>72509</b> 82420/ <b>37995</b>	76/ <b>169</b> 126/ <b>164</b>	
Ram 1500	02-05	RWD	N/A	N/A		■ OEMA 23765	OEMA 23765	75/75	
Ram 1500	02-05	4WD	N/A	N/A		■ OEMA 23755	OEMA 23755	75/75	
Ram 1500	00-01	4WD	N/A	N/A		■ 23510(*) 82385(16) <b>23580,72509</b>	23510(*)/ <b>72509,23580</b>	75/ <b>169/162</b> 125 <b>162/169</b>	



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**BOLD PART NUMBER INDICATES PREFERRED CORRECTION METHOD • WEB = Check www.specprod.com for more information ■ = Thrust Plate, pg. 85**  
 Alignment Footnotes on page 68 • N/A = No Available Adjuster • OEMA = Original Equipment Manufacturer Adjustment • (\*) = Series P/N, see page for size  
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# CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

## DODGE-cont.

REAR			FRONT						
Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page	Thrust Plate	CASTER/TOOL	CAMBER/TOOL	Page
Ram 1500 82380 with 36mm OE cams. 82395 with 46mm OE cams.	94-99	4WD	N/A	N/A		■	23510(*) 72509,23580 82380(16) 82395(16)	23510(*) 72509,23580	76/76 169/162 125 126
Ram 1500	94-01	RWD	N/A	N/A		■	OEMA/8286	OEMA/8286	162/162
Ram 2500	10	4WD	N/A	N/A			23800(*) 72509,23780 82386(16)	23800(*) 72509,23780	76/76 169/162 126
Ram 2500	03-09	4WD	N/A	N/A			23800(*) 72509,23780 82386(16)	23800(*) 72509,23780	76/76 169/162 126
Ram 2500	00-02	4WD	N/A	N/A		■	23710(*) 72509,23780 82385(16)	23710(*) 72509,23780	WEB/WEB 169/162 126
Ram 2500	00-10	RWD	N/A	N/A		■	OEMA	OEMA	
Ram 2500	94-99	RWD	N/A	N/A		■	OEMA/8286	OEMA/8286	162/162
Ram 2500 w/HD Dana 60 Fr Axle	94-99	4WD	N/A	N/A		■	23130(*)/77880 24130/74500 82395(16)	23130(*)/77880 24130/74500 82395(16)	73/171 73/170 126
Ram 2500 w/LD Dana 44 Fr Axle	94-99	4WD	N/A	N/A		■	23510(*)/ 72509, 23580	23510(*)/ 72509, 23580	76/76 169/162
Ram 3500 w/mono beam	10	RWD	N/A	N/A			23800(*)/ 23780,72509 82386(16)	23800(*)/ 23780,72509	76/76 162/169 126
Ram 3500	10	4WD	N/A	N/A			23800(*)/ 23780,72509 82386(16)	23800(*)/ 23780,72509	76/76 162/169 126
Ram 3500 w/mono beam	03-10	RWD	N/A	N/A			23800(*)/ 23780,72509 82385(16)	23800(*)/ 23780,72509	76/76 162/169 125
Ram 3500 w/o mono beam	03-10	RWD	N/A	N/A			OEMA	OEMA	
Ram 3500 w/mono beam	03-10	4WD	N/A	N/A			23800(*)/ 23780,72509 82385(16)	23800(*)/ 23780,72509	76/76 162/169 125
Ram 3500 w/mono beam	00-02	RWD	N/A	N/A		■	23710(*)/ 72509,23780 82385(16)	23710(*)/ 72509,23780	WEB/WEB 169/162 126
Ram 3500 w/mono beam	00-02	4WD	N/A	N/A			23710(*)/ 72509,23780 82385(16)	23710(*)/ 72509,23780	WEB/WEB 169/162 125
Ram 3500 w/mono beam	94-99	RWD	N/A	N/A		■	23710(*)/ 72509,23780 82385(16)	23710(*)/ 72509,23780	WEB/WEB 169/162 125
Ram 3500 w/HD Dana 60 Fr Axle	94-99	4WD	N/A	N/A		■	23130(*)/77880 24130/74500 82395(16)	23130(*)/77880 24130/74500 82395(16)	73/171 77/170 126
Ram 3500 w/o mono beam	94-02	RWD	N/A	N/A		■	OEMA/8286	OEMA/8286	162/162
Ram 4500 / 5500	08-10	RWD/4W	N/A	N/A		■	N/A	23850(*)/88360	76/131
Ramcharger AD150	90-96	RWD	N/A	N/A		■	OEMA/8286	OEMA/8286	162/162
Ramcharger	74-87	RWD	N/A	N/A			OEMA 83160	OEMA 83160	126/126
Ramcharger	74-87	4WD	N/A	N/A			23000(*)/4169	23000(*)/4169	73/162
Ramcharger AD150	72-87	RWD	N/A	N/A		■	OEMA, 83160	OEMA, 83160	126/126
Rampage	82-84	FWD	75200(1)	75200(1)	118/118		N/A	OEMA 83170/85130	127/173
Shadow	87-94	FWD	75200(1)	75200(1)	118/118		N/A	OEMA 83170/85130	127/173
Spirit	89-96	FWD	75200(1)	75200(1)	118/118		N/A	OEMA 83170/85130	127/173
Sprinter 2500	07-09	RWD	N/A	N/A		■	N/A	35077	84
Sprinter 2500	03-06	RWD	N/A	N/A		■	N/A	35075, 35076	84/84

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Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	Page
Sprinter 3500	07-09	RWD	N/A	N/A		N/A	35077	84	
Sprinter 3500	03-06	RWD	N/A	N/A		N/A	35075, 35076	84/84	
Stealth	91-96	FWD/AW	OEMA	OEMA		N/A	81250	119	
Stratus 4Dr.	04-06	FWD	67025	OEMA	88	N/A	67180/40920	88/165	
Stratus 2Dr.	01-05	FWD	73620(8)	OEMA	120	N/A	81280 82120/85130	119 127/173	
Stratus 4Dr.	95-03	FWD	OEMA	OEMA		N/A	67180/40920	88/165	
Viper	13-17	RWD	OEMA	OEMA		OEMA	OEMA		
Viper	94-10	RWD	OEMA	OEMA		OEMA	OEMA		
W100,150,AW150 Truck	72-93	4WD	N/A	N/A		■ 23000(*)/4169	23000(*)/4169	73/162	
W200,250 Truck w/ Dana 44	72-93	4WD	N/A	N/A		■ 23000(*)/4169	23000(*)/4169	73/162	
W200, 250 Truck w/ Dana 60	72-93	4WD	N/A	N/A		■ 88940	88940	137/137	
W300,350 Truck w/ Dana 60	75-98	4WD	N/A	N/A		■ Axle Wedges 88940	88940	137 137	
W300,350 Truck	60-93	4WD	N/A	N/A		■ Axle Wedges	N/A		
400	82-83	FWD	75200(1)	75200(1)	118/118	N/A	OEMA 83170/85130	127/173	
600	83-88	FWD	75200(1)	75200(1)	118/118	N/A	OEMA 83170/85130	127/173	
<b>EAGLE</b>									
Medallion	88-89	FWD	75200(1)	75200(1)	118/118	N/A	81280 82120/85130	119 127/173	
Premier	88-92	FWD	75200(1)	75200(1)	118/118	N/A	81280 82120/85130	119 127/173	
Summit SW	92-96	FWD/AW	N/A	OEMA		N/A	81250	119	
Summit	89-96	FWD	N/A	N/A		N/A	81250	119	
Talon	95-98	FWD/AW	73620(8)	OEMA	120	N/A	67170/40920	88/165	
Talon	90-94	AWD	OEMA	OEMA		N/A	81250	119	
Talon	90-94	FWD	N/A	N/A		N/A	81250	119	
Vision	93-97	FWD	N/A	OEMA		N/A	81280 82120/85130	119 127/173	
<b>FIAT</b>									
124 Spider	17-20	RWD	OEMA	OEMA		OEMA	OEMA		
500	12-19	FWD	71770(*)	71770(*)	106/106	N/A	81240	119	
500x	16-23	FWD/AW	81250	N/A	119	N/A	81250	119	
500L	14-21	FWD	N/A	N/A		N/A	81250	119	
<b>FORD</b>									
Aerostar	86-97	RWD/4W	N/A	N/A		47700(*)	47700(*)	84/84	
Aspire	95-97	FWD	75200(1)	75200(1)	118/118	N/A	OEMA, 81250	119	
Bronco	21-24	RWD/4W	N/A	N/A		25690, 86220	25690, 86220	84/WEB	
<i>Stock Replacement Part</i>							21015	153	
Bronco	80-96	4WD	N/A	N/A		■ 23100(*)/77880 24130/74500	23100(*)/77880 24130/74500	73/171 77/170	
Bronco	71-79	4WD	N/A	N/A		■ 23000(*)/4169	23000(*)/4169	73/162	
Bronco II	90	4WD	N/A	N/A		■ 23180(*), 24180/87175, 74400,77880, 74500	23180(*), 24180/87175, 74400,77880, 74500	73/73 77/173 170/171 170/170	
Dana 35 (Late 1990)									
Bronco II	89-90	RWD	N/A	N/A		■ 23180(*), 24180/77880, 74400,87175,	23180(*), 24180/77880, 74400,87175,	73/73 77/171 170/173	



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FORD-cont.			REAR			Thrust Plate	FRONT		
Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	Page
						74500	74500	170/170	
Bronco II	84-88	RWD	N/A	N/A		■ N/A	24160/74400	77/170	
Bronco II Dana 28 (Early 1990)	83-90	4WD	N/A	N/A		■ 24120/74500	24120/74500	77/170	
Bronco Sport	21-24	AWD	67445	86132, OEMA	94/129		N/A	81315	
C-Max	13-18	FWD	67420	86131, OEMA	91		N/A	OEMA	
Contour	95-00	FWD	N/A	OEMA			89675	89675	
Crown Victoria	03-12	RWD	N/A	N/A			OEMA	OEMA	
Crown Victoria	92-02	RWD	N/A	N/A			OEMA	OEMA/88325	
Crown Victoria	80-91	RWD	N/A	N/A			OEMA	OEMA	
E-150	92-14	RWD	N/A	N/A		■ 23180(*), 24180/77880, 74400,87175, 74500	23180(*), 24180/77880, 74400,87175, 74500	73/73 77/171 170/173 170 134/134	
E-150 w/king pins	65-90	RWD	N/A	N/A		■ N/A	N/A		
E-250,350,450	92-24	RWD	N/A	N/A		■ 23180(*), 24180/77880, 74400,87175, 74500	23180(*), 24180/77880, 74400,87175, 74500	73/73 77/171 170/173 170 134/134	
Inc. Cutaway						87280(26)	87280(26)		
E-250,350,450 w/king pins	65-90	RWD	N/A	N/A		■ N/A	N/A		
EcoSport	18-22	AWD	N/A	OEMA, 86130	125		N/A	81250	
EcoSport	18-22	FWD	N/A	N/A			N/A	81250	
Edge	15-24	FWD/AW	72360, 72370	72360, 72380 OEMA			N/A	81280	
Edge	07-14	FWD/AW	OEMA	OEMA			N/A	81280	
Escape Inc. Hybrid	20-24	FWD/AW	67435, 67445	86132, OEMA	94/94/129		N/A	81315	
Escape Inc. Hybrid	13-19	FWD/AW	67420	86131, OEMA	125/129		N/A	OEMA	
Escape Inc. Hybrid	01-12	FWD/AW	67285/37995	OEMA 86130	89/160 125		OEMA	OEMA, 81250	
Escort	97-04	FWD	81250	OEMA	119		OEMA	OEMA, 81250	
Escort	91-96	FWD	81250	OEMA	119		OEMA	OEMA, 81250	
Escort	81-90	FWD	81250	OEMA	119		N/A	N/A	
Excursion	00-05	RWD	N/A	N/A		■ 23180(*), 24180/77880, 74400,87175, 74500	23180(*), 24180/77880, 74400,87175, 74500	73/73 77/171 170/173 170	
Excursion	00-05	4WD	N/A	N/A		■ 23130(*), 24130/77880, 74400,87175, 74500	23130(*), 24130/77880, 74400,87175, 74500	73/73 77/171 170/173 170	
Expedition	18-24	RWD/4W	OEMA	OEMA			OEMA 86250, 86252	OEMA 86250, 86252	
Expedition	09-17	RWD/4W	OEMA 67275, 86690	OEMA	88/130		OEMA 25675(8), 25680 86250, 86252	OEMA 25675(8), 25680 86250, 86252	
Expedition	07-08	RWD/4W	OEMA 86690	OEMA	130		OEMA 25675(8), 25680 86250, 86252	OEMA 25675(8), 25680 86250, 86252	
Expedition	03-06	RWD/4W	86680	OEMA	130		86640/83820	86640/83820	
Expedition	97-02	RWD/4W	N/A	N/A		■ 87385	87385	135/135	
Explorer	20-22	RWD/AW	OEMA	OEMA			N/A	81280	
Explorer	11-19	RWD/4W	OEMA, 84130	OEMA	169		N/A	81280	
Explorer	06-10	RWD/4W	OEMA	OEMA			OEMA	OEMA	
Explorer	04-05	4WD	86180	OEMA	125		86140	86140	
Explorer	02-03	4WD	86180	OEMA	125		86140	86140, 26012, 26014	
Explorer	02-05	RWD	86180	OEMA	125		86140	86140	
Explorer	01	RWD	N/A	N/A		■ 87310, 87500	87310, 87500	134/136	
Explorer	01	4WD	N/A	N/A		■ 87310, 87500	87310, 87500	134/136	

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							26012, 26014	82/82	
Explorer	95-00	RWD/4W	N/A	N/A		■	87310, 87500	87310, 87500	134/136
Explorer	91-94	RWD/4W	N/A	N/A		■	23180(*), 24180/77880, 74400,87175, 74500 87175(24)	23180(*), 24180/77880, 74400,87175, 74500 87175(24)	73/73 77/171 170,173 170/170 173/173
Explorer Sport	01-03	RWD/4W	N/A	N/A		■	87310, 87500	87310, 87500	134/136
Explorer Sport Trac	07-10	RWD/4W	OEMA	OEMA			OEMA	OEMA	
Explorer Sport Trac	01-05	RWD	N/A	N/A			87310, 87500	87310, 87500	134/136
Explorer Sport Trac	01-05	4WD	N/A	N/A		■	87310, 87500	87310, 87500 26012, 26014	134/136 82/82
EXP	82-88	FWD	81250	OEMA	119	■	N/A	N/A	
F-100 w/ ball joint suspension	80-83	RWD/4W	N/A	N/A			N/A	24160/74400	77/170
F-100	66-79	4WD	N/A	N/A		■	23000(*)/4169	23000(*)/4169	73/162
F-100 w/ king pin suspension	65-83	RWD	N/A	N/A		■		N/A	N/A
F-150 Except Raptor	21-24	RWD/4W	86255(19)	N/A	131		OEMA, 25685 86250, 86252	OEMA, 25685 86250, 86252	82/82 130/130
F-150 Raptor	21-24	4WD	86255(19)	N/A	131		OEMA, 86250 86252	OEMA, 86250 86252	130/130 130/130
F-150 Raptor	17-20	4WD	N/A	N/A			OEMA, 86250 86252	OEMA, 86250 86252	130/130 130/130
F-150 Raptor	10-14	4WD	86255(19)	N/A	131		OEMA, 86250 86252	OEMA, 86250 86252	130/130 130/130
F-150 Except Raptor	04-20	RWD/4W	86255(19)	N/A	131		OEMA, 25675(8) 25680, 86250 86252	OEMA, 25675(8) 25680, 86250 86252	82/82 82/130 130/130
F-150	97-03	RWD/4W	N/A	N/A		■	87385	87385	134/134
F-150	87-96	RWD	N/A	N/A		■	23180(*), 24180/77880, 74400,87175, 74500 87280	23180(*), 24180/77880, 74400,87175, 74500	73/73 77/171 170,173 170/170 134
F-150	82-86	RWD	N/A	N/A		■	N/A	24160/74400	77/171
F-150	80-96	4WD	N/A	N/A		■	23100(*)/77880 24130/ 74500	23100(*)/77880 24130/ 74500	73/170 757/170
F-150	66-79	4WD	N/A	N/A		■	23000(*)/4169	23000(*)/4169	73/162
F-150 King Pin	65-90	RWD	N/A	N/A		■	N/A	N/A	
F-150 Heritage	04-05	RWD/4W	N/A	N/A		■	87385	87385	134/134
F-250 Solid Axle - Coil Spring	05-24	RWD/4W	N/A	N/A		■	23220(*), 23268 23269 24220/74600	23220(*), 23268 23269 24220/74600	74/74 74 77/170
F-250 Solid Axle - Leaf Spring	99-04	RWD/4W	N/A	N/A		■	23130(*), 24130/77880, 74400,87175, 74500	23130(*), 24130/77880, 74400,87175, 74500	73/73 751/171 170/170 170,170
F-250 Twin I-Beam	98-24	RWD	N/A	N/A		■	23180(*), 24180/77880, 74400,87175, 74500	23180(*), 24180/77880, 74400,87175, 74500	73/73 77/171 170,173 1670173
F-250 L/D	97-99	RWD/4W	N/A	N/A		■	87385	87385	134/134
F-250	87-98	RWD	N/A	N/A		■	23180(*), 24180/77880, 74400,87175, 74500	23180(*), 24180/77880, 74400,87175, 74500	73/73 77/171 170,173 170,170
F-250	82-86	RWD	N/A	N/A		■		N/A	N/A



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# CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

## FORD-cont.

REAR			FRONT						
Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page	Thrust Plate	CASTER/TOOL	CAMBER/TOOL	Page
F-250	80-98	4WD	N/A	N/A		■	23130(*) 24130/77880, 74400,87175, 74500	23130(*), 24130/77880, 74400,87175, 74500	73/73 77/171 170/173 170/170
F-250 Dana 60	74-79	4WD	N/A	N/A		■	88940	88940	137/137
F-250	73-79	4WD	N/A	N/A		■	Axle Wedges 23000(*)/4169	23000(*)/4169	73/162 73/162
F-250 King Pin	65-90	RWD	N/A	N/A		■	N/A	N/A	
F-350 Solid Axle - Coil Spring	05-24	RWD/4W	N/A	N/A		■	23220(*), 23268 23269 24220/74600	23220(*), 23268 23269 24220/74600	74/74 74 77/170
F-350 Solid Axle - Leaf Spring	99-04	RWD/4W	N/A	N/A		■	23130(*)/77880 24130/74500	23130(*)/77880 24130/74500	73/171 77/170
F-350 Twin I-Beam	98-24	RWD	N/A	N/A		■	23180(*), 24180/77880, 74400,87175, 74500	23180(*), 24180/77880, 74400,87175, 74500	73/73 77/171 170/173 170/170
F-350 Crew Cab	92-98	4WD	N/A	N/A		■	23130(*), 24130/77880, 74400,87175, 74500	23130(*), 24130/77880, 74400,87175, 74500	73/73 77/171 170/173 170/170
F-350	87-98	RWD	N/A	N/A		■	23180(*), 24180/77880, 74400,87175, 74500	23180(*), 24180/77880, 74400,87175, 74500	73/73 77/171 170/173 170/170
F-350	82-86	RWD	N/A	N/A		■		N/A	N/A
F-350	80-98	4WD	N/A	N/A		■	23100(*)/77880 24130/74500	23100(*)/77880 24130/74500	73/171 77/170
F-350 Dana 60	74-91	4WD	N/A	N/A		■	88940	88940	137/137
F-350	73-79	4WD	N/A	N/A		■	Axle Wedges	N/A	
F-350 King Pin	65-90	RWD	N/A	N/A		■	N/A	N/A	
F-450 w/ 10 lug axles	05-24	RWD/4W	N/A	N/A		■	23230(*) 24230/74600	23230(*) 24230/74600	74/74 77/170
F-450 w/ 8 lug axles	05-24	RWD/4W	N/A	N/A		■	23220(*), 23268 23269 24220/74600	23220(*), 23268 23269 24220/74600	74/74 74 77/170
F-450	99-04	RWD/4W	N/A	N/A		■	23130(*) 24130/77880, 74500	23130(*) 24130/77880, 74500	73/73 77/171 170/170
F-550	05-24	RWD/4W	N/A	N/A		■	23230(*) 24230/74600	23230(*) 24230/74600	74/74 77/170
F-550	99-04	RWD/4W	N/A	N/A		■	23130(*) 24130/77880, 74500	23130(*) 24130/77880, 74500	73/73 77/171 170/170
Fairlane 94009, upper ball joint pg. 155	66-69	RWD	N/A	N/A			OEMA, 94213 94219, 94230	OEMA, 94213 83160, 94219	138/138 126
Fairmont	78-83	RWD	N/A	N/A			N/A	OEMA, 81280 82120/85130	119 127/173
Falcon 94009, upper ball joint pg. 155	66-69	RWD	N/A	N/A			OEMA, 94213 94219, 94230	OEMA, 94213 83160, 94219	138/138 126
Falcon 94009, upper ball joint pg. 155	64-65	RWD	N/A	N/A			47700(*), 94218 94220	47700(*), 94218	84/138 139
Falcon	60-63	RWD	N/A	N/A			47700(*)	47700(*)	84/84
Festiva	88-94	FWD	75200(1)	75200(1)			N/A	OEMA, 81250	119
Fiesta	11-19	FWD	N/A	N/A			N/A	81250	119
Fiesta	78-80	FWD	N/A	N/A			N/A	N/A	
Five Hundred <b>Stock Replacement Part</b>	05-07	AWD	67690 12710	OEMA	00 00		N/A	OEMA	
Five Hundred	05-07	FWD	71760(*)	OEMA	00		N/A	OEMA	
Flex	13-19	FWD/AW	OEMA, 84130	OEMA	00		N/A	84135	128
Flex	09-12	FWD/AW	OEMA, 84130	OEMA	00		N/A	OEMA	
Focus Incl ST/RS	12-18	FWD/AW	67420	86131, OEMA	00		N/A	N/A	

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# CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

FORD-cont.			REAR			Thrust Plate	FRONT		
Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	Page
Focus Incl SVT	00-11	FWD	67420, 81310	OEMA	93/120		81320	81320	120/120
Freestar	04-07	FWD	N/A	N/A			OEMA/68670	OEMA 89685/68670	169 137/169
Freestyle	05-07	AWD	67690	OEMA	102		N/A	OEMA	
<b>Stock Replacement Part</b>			12710		152				
Freestyle	05-07	FWD	71760(*)	OEMA	106		N/A	OEMA	
Fusion Inc. Hybrid	13-20	AWD	N/A	OEMA			N/A	81280	119
Fusion Inc. Hybrid	13-20	FWD	67680	OEMA	102		N/A	81280	119
Fusion Inc. Hybrid	06-12	FWD/AW	OEMA, 67425	OEMA	93		N/A	67115/40920	88/165
Granada	81-82	RWD	N/A	N/A			N/A	OEMA, 81280 82120/85130	119 127/170
Granada	75-80	RWD	N/A	N/A			OEMA	OEMA, 83160	126
LTD	83-86	RWD	N/A	N/A			N/A	OEMA, 81280 82120/85130	119 127/170
Maverick	22-24	AW	67445	86132, OEMA	94		N/A	81315	120
Maverick	22-24	FWD	N/A	N/A			N/A	81315	120
Maverick	70-77	RWD	N/A	N/A			OEMA, 94213	OEMA, 94213 83160	138/138 126
									<i>94009, upper ball joint pg. 155</i>
Mustang	15-23	RWD	OEMA, 72370/74400 72360 12050	OEMA, 72380 72360	114/170 114 152		N/A	81280	119
<b>Stock Replacement Part</b>									
Mustang	11-14	RWD	N/A	72045, 72345	108/113		72350, 72355	72350, 81260	113/113/119
Mustang	5-10	RWD	N/A	72045, 72345	108/113		72040, 72350 72355	72040, 72350 81260	108/113 113/119
Mustang Cobra	99-04	RWD	OEMA	OEMA			OEMA 72060/85130	OEMA, 81280, 82120 72060/85130	119/127 WEB/173
<b>Stock Replacement Part</b>			72062, 15645		154/152				
Mustang	94-04	RWD	N/A	N/A			72060	OEMA, 72060, 81280 82120/ 85130	WEB/119 127/173
Mustang	79-93	RWD	N/A	N/A			N/A	OEMA, 81280 82120/ 85130	119 127/173
Mustang	67-73	RWD	N/A	N/A			OEMA, 94213 94219, 94230	OEMA, 94213 83160, 94219	138/138 126
<i>94009, upper ball joint pg. 155</i>									
Mustang	64-66	RWD	N/A	N/A			47700(*), 94218 94220	47700(*), 94218	84/138 139
<i>94009, upper ball joint pg. 155</i>									
Mustang II	74-78	RWD	N/A	N/A			OEMA, 97260	OEMA, 97260	143/143
Mustang Mach-E	21-24	RWD/AW	N/A	OEMA			N/A	81280	119
Police Interceptor Sedan	13-18	FWD/AW	OEMA, 84130	OEMA	128		N/A	84135	128
Police Interceptor Utility	20-21	RWD/4W	OEMA, OEMA	OEMA			N/A	81280	119
Police Interceptor Utility	13-19	RWD/4W	OEMA, 84130	OEMA	128		N/A	81280	119
Probe	89-97	FWD	81250	OEMA			OEMA	OEMA, 81250	119
Ranchero	66-71	RWD	N/A	N/A			OEMA, 94213	OEMA, 94213 83160	138/138 126
<i>94009, upper ball joint pg. 155</i>									
Ranchero	64-65	RWD	N/A	N/A			47700(*), 94218 94220	47700(*), 94218	84/138 139
<i>94009, upper ball joint pg. 155</i>									
Ranger	20-23	RWD/4W	N/A	N/A		■	OEMA, 25665 86220	OEMA, 25665 86220	82/82 WEB
Steel Knuckles Only									
Ranger	19-20	RWD/4W	N/A	N/A		■	OEMA, 25670 86220	OEMA, 25670 86220	82/82 WEB
Aluminum Knuckles Only									
Ranger	03-12	RWD	N/A	N/A		■	87500	87500	136/136
Ranger	03-12	4WD	N/A	N/A		■	87500	87500 26012, 26014	136/136 83/83
Ranger	01-02	RWD/4W	N/A	N/A		■	87500	87500	136/136
Ranger	98-00	RWD/4W	N/A	N/A		■	87310, 87500	87310, 87500	134/136



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# Applications

## CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

### FORD-cont.

FORD-cont.			REAR			Thrust Plate	FRONT		
Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	Page
Ranger Dana 35	90-97	4WD	N/A	N/A		■ 23180(*), 24180/77880, ■ 74400,87175, 74500	23180(*), 24180/77880, 74400,87175, 74500	73/73 77/171 170/173 170/170	
Ranger	89-97	RWD	N/A	N/A		■ 23180(*)/87175, 77880,88830 24180/ 74400,74500	23180(*)/87175, 77880,88830 24180/ 74400,74500 87280	73/173 171/175 77 170/170 134/134	
Ranger	83-88	RWD	N/A	N/A		■ 87175	24160/74400	173/77/170	
Ranger Dana 28	83-89	4WD	N/A	N/A		24120/74500	24120/74500	77/170	
Police Sedan	13-19	FWD/AW	OEMA, 84130	OEMA	128	N/A	84135	128	
Taurus	13-19	FWD/AW	OEMA, 84130	OEMA	128	N/A	84135	128	
Taurus	10-12	FWD/AW	OEMA, 84130	OEMA	128	N/A	OEMA		
Taurus <b>Stock Replacement Part</b>	08-09	AWD	67690 12710	OEMA	102 152	N/A	OEMA		
Taurus	08-09	FWD	71760(*)	OEMA	106	N/A	OEMA		
Taurus Wagon	96-05	FWD	87350/85130	OEMA/97650	135/173/175	OEMA/68670	OEMA, 89635/68670	137/168	
Taurus Sedan	96-07	FWD	N/A	OEMA/87325	173	OEMA/68670	OEMA, 89635/68670	137/168	
<i>87325 Intended for use on OE adjusters - NOT intended for aftermarket parts</i>									
Taurus Sedan	86-95	FWD	N/A	OEMA/87325	173	OEMA/68670	OEMA, 89635/68670	137/168	
<i>87325 Intended for use on OE adjusters - NOT intended for aftermarket parts</i>									
Taurus Wagon	86-95	FWD	87350/85130	OEMA/97650	135/173/175	OEMA/68670	OEMA/68670	168	
Taurus X	08-09	AWD	67690 12710	OEMA	102 152	N/A	OEMA		
Taurus X	08-09	FWD	71760(*)	OEMA	106	N/A	OEMA		
Tempo	86-94	FWD/AW	81250	OEMA/87325	119/173	N/A	N/A		
Tempo	84-85	FWD	81250	N/A	119	N/A	N/A		
Thunderbird <b>Stock Replacement Part</b>	02-06	RWD	N/A 87550	OEMA	155	OEMA, 87540	OEMA, 87540	137/137	
Thunderbird	89-97	RWD	OEMA	OEMA		OEMA	OEMA, 87535	WEB	
Thunderbird	80-88	RWD	N/A	N/A		N/A	OEMA, 81280 82120/85130	119 127/170	
Thunderbird	64-66	RWD	N/A	N/A		47700(*)	47700(*)	84/84	
Torino	66-71	RWD	N/A	N/A		OEMA, 94213 94219, 94230	OEMA, 94213 83160, 94219	138/138 126	
Transit	15-24	RWD	N/A	N/A		N/A	N/A		
Transit Connect	14-23	FWD	N/A	N/A		N/A	N/A		
Transit Connect	10-13	FWD	75600	75600	118/118	81320	81320	120/120	
Windstar	94-03	FWD	75400(1)	75400(1)	118/118	OEMA	OEMA, 89685	137	
Sprinter 2500	07-18	RWD	N/A	N/A		■ N/A	35077	84	
Sprinter 2500	02-05	RWD	N/A	N/A		■ N/A	35075, 35076	84/84	
Sprinter 3500	07-18	RWD	N/A	N/A		N/A	35077	84	
Sprinter 3500	02-05	RWD	N/A	N/A		N/A	35075, 35076	84/84	

### GENESIS

GV60	21-24	RWD/AW	OEMA	OEMA		N/A	N/A	
GV70	22-24	RWD/AW	OEMA	OEMA		N/A	N/A	
GV80	21-24	RWD/AW	OEMA, 84090	OEMA, 84095	128/WEB	N/A	N/A	
G70	19-24	RWD/AW	OEMA, 84095	OEMA, 84085	127/WEB	N/A	N/A	
G80	21-24	RWD/AW	OEMA	OEMA		N/A	N/A	
G80	17-20	RWD/AW	OEMA, 84095	OEMA, 84085	127/WEB	N/A	N/A	
G90	23-24	RWD/AW	OEMA	OEMA		N/A	N/A	
G90	17-22	RWD/AW	OEMA, 84095	OEMA, 84085	127/WEB	N/A	N/A	

### GEO

Metro	89-97	FWD	N/A	OEMA		N/A	81250	119
Prizm	89-97	FWD	75600(1), 75800(1)	75600(1), 75800(1)	118/118	N/A	OEMA, 81260	119
Spectrum	89-90	FWD	75200(1)	75200(1)	118/118	N/A	81250	119

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GEO			REAR			Thrust Plate	FRONT		
Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	Page
Storm	90-93	FWD	81250	OEMA	119	N/A	81250	119	
Tracker	89-97	RWD/4W	N/A	N/A		N/A	81250	119	
<b>GMC</b>									
Acadia Limited	17	FWD/AW	OEMA, 82105 82106 <b>15647</b>	OEMA, 82105	127/127 127 <b>160</b>	N/A	81280	119	
<b>Stock Replacement Part</b>									
Acadia	17-23	FWD/AW	OEMA, 87445	OEMA, 82135	124	N/A	81250	119	
Acadia	07-16	FWD/AW	OEMA, 82105 82106 <b>15647</b>	OEMA, 82105	127/127 127 <b>160</b>	N/A	81280	119	
<b>Stock Replacement Part</b>									
Canyon	15-22	RWD/4W	N/A	N/A		OEMA, 86321 86490/ <b>45945</b>	OEMA,86321 86490/ <b>45945</b>	130/130 133/ <b>167</b>	
Canyon	04-12	RWD/4W	N/A	N/A		OEMA, 86320 86325, 86360 86375/ <b>45940</b> , <b>45938</b>	OEMA, 86320 86325, 86360 86375/ <b>45940</b> , <b>45938</b>	130/130 131/131 132/ <b>167</b> <b>167/167</b>	
<i>45940 for use on OE cams only.</i>									
C15 Pickup/Suburban	71-87	RWD	N/A	N/A		47700(*), 97180	47700(*), 97180	84/143	
C15 Pickup/Suburban	63-70	RWD	N/A	N/A		47700(*), 97183	47700(*), 97183	84/143	
C1500 C2500 C3500 1999/2000 Classic Only	88-00	RWD	N/A	N/A		■ OEMA, 83790 87400/ <b>74910</b>	OEMA, 83790, 86350(2) 87400/ <b>74910,72509</b>	127/131 135/ <b>170/173</b>	
C25 C35 Pickup/Suburban	63-87	RWD	N/A	N/A		■ 47700(*)	47700(*)	84/84	
Envoy	02-09	RWD/4W	N/A	N/A		OEMA/ <b>83785</b>	OEMA/ <b>83785</b>	<b>173</b>	
G15 G25 G35 Van	88-96	RWD	N/A	N/A		47700(*)	47700(*)	84/84	
G15 G25 Van Gas Only	73-87	RWD	N/A	N/A		■ 47700(*), 97180	47700(*), 97180	84/143	
G15 G25 Van Except Disc Brakes	70-71	RWD	N/A	N/A		■ 47700(*), 97183	47700(*), 97183	80/143	
Hummer EV	22-24	RWD/AW	OEMA	OEMA		OEMA	OEMA		
Jimmy	88-91	RWD/4W	N/A	N/A		OEMA, 83790 87400/ <b>74910</b>	OEMA, 83790, 86350(2) 87400/ <b>74910,72509</b>	127/131 135/ <b>170/173</b>	
Jimmy C5 630(x)0* Thrust Plate available.	85-91	RWD	N/A	N/A		47700(*)	47700(*)	84/84	
Jimmy C5	71-84	RWD	N/A	N/A		■ 47700(*), 97180	47700(*), 97180	84/143	
Jimmy C5	70	RWD	N/A	N/A		■ 47700(*), 97183	47700(*), 97183	84/143	
Jimmy K5	69-91	4WD	N/A	N/A		23000(*)/ <b>4169</b>	23000(*)/ <b>4169</b>	73/ <b>162</b>	
K10 K15 K20 K25 Pickup/Suburban	70-87	4WD	N/A	N/A		23000(*)/ <b>4169</b>	23000(*)/ <b>4169</b>	73/ <b>162</b>	
K1500 K2500 K3500 1999/2000 Classic Only	88-00	4WD	N/A	N/A		■ OEMA, 83790 87400/ <b>74910</b>	OEMA, 83790, 86350(2) 87400/ <b>74910,72509</b>	127/131 135/ <b>170/173</b>	
K30 K35	58-87	4WD	N/A	N/A		Axle Wedges	23000(*)/ <b>4169</b>	73/ <b>162</b>	
K30 V30 Dana 60	88-93	4WD	N/A	N/A		Axle Wedges 88940	88940	137 137	
P15 Van	73-80	RWD	N/A	N/A		47700(*), 97180	47700(*), 97180	84/143	
Safari	90-05	AWD	N/A	N/A		OEMA, 83790 87400/ <b>74910</b>	OEMA, 83790 87400/ <b>74910</b>	127/127 135/ <b>170</b>	
Safari	85-05	RWD	N/A	N/A		47700(*)	47700(*)	84/84	
Savana Van 1,500,250,035,004,500	03-24	RWD/4W	N/A	N/A		OEMA, 86320 86325, 86370 86375/ <b>45940</b>	OEMA, 86320, 86325, 86350 (33), 86370 86375/ <b>45940,72509</b>	130/131 131/132 132/ <b>167/173</b>	
Savana Van	96-02	RWD	N/A	N/A		OEMA, 83790 87400/ <b>74910</b>	OEMA, 83790 87400/ <b>74910</b>	127/127 135/ <b>170</b>	
Sierra 1500	19-24	RWD/4W	N/A	N/A		OEMA, 86326 86377	OEMA, 86326 86377	131/131 132	
Sierra 1500 <i>45940 for use on OE cams only.</i>	07-18	RWD/4W	N/A	N/A		OEMA, 86320 86325, 86370 86375/ <b>45940</b>	OEMA, 86320, 86325, 86350 (35), 86370 86375/ <b>45940,72509</b>	130/131 131/131/132 132/ <b>167/173</b>	



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**BOLD PART NUMBER INDICATES PREFERRED CORRECTION METHOD • WEB = Check www.specprod.com for more information ■ = Thrust Plate, pg. 85**  
 Alignment Footnotes on page 68 • N/A = No Available Adjuster • OEMA = Original Equipment Manufacturer Adjustment • (\*) = Series P/N, see page for size  
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# CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

GMC-cont.			REAR			Thrust Plate	FRONT		
Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	Page
Sierra 1500	01-06	RWD/4W	N/A	N/A		OEMA/ <b>45940</b> 23960, 86320 86325 86375/ <b>72509</b>	OEMA, 23960, 86320 86325 86330/ <b>45940,72509</b> 86375/ <b>72509</b>	78/130/ <b>167</b> 78/130/130 131/ <b>163/173</b> 132/ <b>169</b>	
HD Crew Cab <i>45940 for use on OE cams only.</i>									
Sierra 1500	99-06	RWD/4W	N/A	N/A		OEMA, 86320 86325, 86375 86470/ <b>45940</b>	OEMA, 86320, 86325 86375/ <b>72509</b> 86350/ <b>45940</b>	131/131 131/128/ <b>173</b> 131/131/ <b>000</b>	
Sierra 2500	20-24	RWD/4W	N/A	N/A		OEMA	OEMA		
45945 for use on OE cams only.									
Sierra 2500	11-19	RWD/4W	N/A	N/A		OEMA, 86321 86326 86376/ <b>45945</b>	OEMA, 86321 86326 86376/ <b>45945</b>	131/131 131/131 132/ <b>167</b>	
45945 for use on OE cams only.									
Sierra 2500	99-10	RWD/4W	N/A	N/A		OEMA/ <b>45940</b> 23960, 86320 86325 86375/ <b>72509</b>	OEMA, 23960, 86320 86325 86330/ <b>45940,72509</b> 86375/ <b>72509</b>	78/126/ <b>167</b> 78/131/131 131/ <b>163/173</b> 132/ <b>173</b>	
45940 for use on OE cams only.									
Sierra 2500	91-02	RWD	N/A	N/A		Axle Wedges	N/A		
HD RWD Cab/Chassis									
Sierra 3500	20-24	RWD/4W	N/A	N/A		OEMA	OEMA		
45945 for use on OE cams only.									
Sierra 3500	11-19	RWD/4W	N/A	N/A		OEMA, 86321 86326 86376/ <b>45945</b>	OEMA, 86321 86326 86376/ <b>45945</b>	130/130 131/131 132/ <b>167</b>	
45945 for use on OE cams only.									
Sierra 3500	99-10	RWD/4W	N/A	N/A		OEMA/ <b>45940</b> 23960, 86320 86325 86375/ <b>72509</b>	OEMA, 23960, 86320 86325 86330/ <b>45940,72509</b> 86375/ <b>72509</b>	WEB/131/ <b>167</b> WEB/130/131 131/ <b>167/173</b> 132/ <b>173</b>	
45940 for use on OE cams only.									
Sierra 3500	91-02	RWD	N/A	N/A		Axle Wedges	N/A		
HD RWD Cab/Chassis									
Sonoma	82-04	RWD	N/A	N/A		47700(*) 97140 95336( <b>22</b> )	47700(*) 97140	84/84 143/143 142	
94006, upper ball joint pg. 155 94017, extended upper ball joint pg. 155									
Sonoma	82-04	4WD	N/A	N/A		OEMA, 83710	OEMA, 83710	127/127	
Suburban	92-99	RWD/4W	N/A	N/A		OEMA 83790/ <b>74910</b> 87400/ <b>74910</b>	OEMA 83790/ <b>74910</b> 87400/ <b>74910</b> 86350(2)/ <b>72509</b>	127/ <b>170</b> 135/ <b>170</b> 135/ <b>173</b>	
Suburban 1500	00-13	RWD/4W	N/A	N/A		OEMA/ <b>45940</b> 86320, 86325 86375	OEMA/ <b>45940</b> 86320, 86325 86350, 86375/ <b>72509</b>	<b>167/167</b> 130/131 131/132/ <b>173</b>	
Suburban 2500	00-13	RWD/4W	N/A	N/A		OEMA/ <b>45940</b> 23960/ <b>72509</b> , 86320, 86325, 86375	OEMA/ <b>45940</b> 23960/ <b>72509</b> , 86320, 86325, 86330/ <b>72509</b>	<b>167/167</b> 82/ <b>173</b> 135/132 132/131/ <b>173</b>	
45940 for use on OE cams only.									
S15 Jimmy	82-04	RWD	N/A	N/A		47700(*), 97140 95336( <b>22</b> )	47700(*), 97140	84/143 142	
94006, upper ball joint pg. 155 94017, extended upper ball joint pg. 155									
S15 Jimmy	82-04	4WD	N/A	N/A		OEMA, 83710	OEMA, 83710	127/127	
Terrain	18-22	FWD/AW	OEMA	OEMA		N/A	81250	119	
Terrain	05-17	FWD/AW	OEMA, 87420	OEMA, 87420		N/A	81260	119	
Topkick 4500, 5500	03-09	RWD	N/A	N/A		■ Axle Wedges	N/A		
Topkick 4500, 5500	03-09	4WD	N/A	N/A		Axle Wedges 23230(*) 24230/ <b>74600</b>	23230(*) 24230/ <b>74600</b>	76 76/77/ <b>170</b> 77/ <b>170</b>	
Tracker	98-04	4WD	N/A	N/A		N/A	81250	119	
V30 V35 Dana 60	88-93	4WD	N/A	N/A		Axle Wedges 88940	88940	137 137	
Yukon Incl. XL	21-24	RWD/4W	N/A	N/A		OEMA, 86326 86377	OEMA, 86326 86377	131/131 132/132	
Yukon 1500 inc. XL	07-20	RWD/4W	N/A	N/A		OEMA/ <b>45940</b> 86320, 86325 86375	OEMA/ <b>45940</b> 86320, 86325 86375, 86350/ <b>72509</b>	<b>167/167</b> 130/131 132/131/ <b>173</b>	
Yukon 1500 inc. XL	00-06	RWD/4W	N/A	N/A		OEMA/ <b>45940</b>	OEMA/ <b>45940</b> , 86350,	132/ <b>167</b>	

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Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	Page
						86320, 86325 86375, 86470	86320, 86325 86375, 86350/ <b>72509</b>	126/135 132/135/ <b>169</b>	
Yukon 2500 inc. XL	00-14	RWD/4W	N/A	N/A		OEMA/ <b>45940</b> 23960/ <b>72509</b> , 86320, 86325, 86375	OEMA/ <b>45940</b> 23960/ <b>72509</b> , 86320, 86325, 86330/ <b>72509</b>	<b>163/163</b> 78/ <b>169</b> 126/135 132/135/ <b>169</b>	
Yukon	92-99	RWD/4W	N/A	N/A		OEMA 83790 87400/ <b>74910</b>	OEMA 83790 87400/ <b>74910</b> 86350( <b>2</b> )/ <b>72509</b>	127/127 135/ <b>166</b> 131/ <b>169</b>	

## HONDA

Accord	18-22	FWD	67476	OEMA, 67477	93/93		N/A	N/A <b>12715</b>	<b>149</b>
<b>Stock Replacement Part</b>									
Accord	13-17	FWD	67540/ <b>74920</b> 67545( <b>12</b> ) 67560	OEMA 67540/ <b>74920</b> 67550 67555 67560 67565 <b>85130</b>	95/ <b>166</b> 95/95/ <b>166</b> 96/95 95 96 96 <b>169</b>		N/A	OEMA	
67550, or, 67555, must be used w/, 67540, kit. 67550 adjust setback.									
Accord Crosstour	10-15	FWD/AW	67545(12)/ <b>74920</b> 67540 67560	OEMA 67540/ <b>74920</b> 67560 67555 67550 67565 <b>85130</b>	95/ <b>166</b> 95/ <b>166</b> 96 95 95 96 <b>169</b>		N/A	OEMA	
67550, or, 67555, must be used w/, 67540, kit. 67540, 67550 adjust setback.									
Accord	08-12	FWD	67545( <b>12</b> )/ <b>74920</b> 67540 67560 67555	OEMA 67540/ <b>74920</b> 67560 <b>85130</b> 67550 67565	95/ <b>166</b> 95/ <b>000</b> 96 95/ <b>169</b> 95 96		N/A	<b>67135</b> , 67330( <b>8</b> )/ <b>40920</b>	87/90/ <b>161</b>
67550, or, 67555, must be used w/, 67540, kit. 67540, 67550 adjust setback.									
Accord	03-07	FWD	67289/ <b>37995</b> 67290 67291	OEMA 67289 67292 67293 67295	89/ <b>160</b> 89/89 89/89 89 89		N/A	<b>67135</b> , 67330( <b>8</b> )/ <b>40920</b>	87/90/ <b>161</b>
67289, or, 67290, must be used w/, 67291, kit. 67291 adjust setback.									
Accord	98-02	FWD	67090/ <b>37995</b>	OEMA, 67295	89/89/ <b>160</b>		OEMA	<b>67125</b> , 67320( <b>8</b> )/ <b>40920</b>	87/90/ <b>161</b>
67090, or, 67295, must be used w/, 67295, kit. 67295 adjust setback.									
Accord	90-97	FWD	<b>67065</b> / <b>37995</b> 67265( <b>8</b> )	OEMA	WEB/ <b>160</b> 88		OEMA	<b>67145</b> , 67340( <b>8</b> )/ <b>40920</b>	87/90/ <b>161</b>
67065, or, 67265, must be used w/, 67265, kit. 67265 adjust setback.									
Accord	86-89	FWD	N/A	OEMA			OEMA	N/A	
67540, or, 67555, must be used w/, 67540, kit. 67540, 67550 adjust setback.									
Accord	80-85	FWD	N/A	OEMA			N/A	N/A	
67540, or, 67555, must be used w/, 67540, kit. 67540, 67550 adjust setback.									
Civic	22-24	FWD	67476	OEMA, 67477	92/93		N/A	N/A	
67476, or, 67477, must be used w/, 67476, kit. 67476 adjust setback.									
Civic	17-21	FWD	<b>67467</b> , 67476	OEMA, 67477	92/93		N/A	N/A	
Except Type R & 5-door LX/EX									
<b>Stock Replacement Part</b>								<b>12715</b>	<b>149</b>
Civic Type R	17-21	FWD	67476	OEMA	93		N/A	N/A	
67476, or, 67477, must be used w/, 67476, kit. 67476 adjust setback.									
Civic 5-door LX/EX	17-21	FWD	<b>67467</b> , 67476	OEMA, 67477	92/93/93		N/A	N/A	
67467, or, 67476, must be used w/, 67467, kit. 67467 adjust setback.									
Civic	16	FWD	<b>67467</b> , 67476	OEMA, 67477	92/93/93		N/A	N/A <b>12715</b>	<b>149</b>
Except Type R & 5-door LX/EX									
<b>Stock Replacement Part</b>									
Civic Except Si	12-15	FWD	67465/ <b>72509</b> 67466 67475 <b>75980</b>	OEMA/87560 67478	92/ <b>170/174</b> 92/95 93 <b>167</b>		N/A	81260	119
67465, or, 67466, must be used w/, 67465, kit. 67465 adjust setback.									
Civic Si	12-15	FWD	67465/ <b>72509</b> <b>67466</b> 67475 <b>75980</b>	OEMA/87560 67478	92/ <b>170/174</b> 92/95 93 <b>167</b>		87560	81280	119
67465, or, 67466, must be used w/, 67465, kit. 67465 adjust setback.									



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**BOLD PART NUMBER INDICATES PREFERRED CORRECTION METHOD • WEB = Check www.specprod.com for more information ■ = Thrust Plate, pg. 85**  
 Alignment Footnotes on page 68 • N/A = No Available Adjuster • OEMA = Original Equipment Manufacturer Adjustment • (\*) = Series P/N, see page for size  
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Model/Body Style	Year	Drive Type	REAR			Thrust Plate	FRONT		
			CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	Page
Civic	06-11	FWD	67465/ <b>72509</b> <b>67466</b> 67475 <b>75980</b>	OEMA/87560 67478	92/ <b>170/174</b> 92/95 93 <b>167</b>		N/A	81260	119
Civic	03-05	FWD	67230	OEMA	88		N/A	81280	119
Civic	01-02	FWD	67230	OEMA			N/A	81260	119
Civic 65100, rear trailing arm bushing tool	96-00	FWD	<b>67030</b>	OEMA, <b>69450</b>	85/100		62010	62010 <b>67135/40920</b> 67330(8)	WEB/WEB 87/ <b>161</b> 90
Civic 65100, rear trailing arm bushing tool <b>Stock Replacement Part</b>	92-95	FWD	<b>67030</b>	OEMA, <b>69450</b>	85/100		N/A	<b>67135</b> , 67330(8)/ <b>40920</b>	87/90/ <b>161</b>
Civic 65100, rear trailing arm bushing tool	88-91	FWD	<b>67030</b>	OEMA	85		N/A	<b>67125</b> , 67320(8)/ <b>40920</b>	87/90/ <b>161</b>
Civic SW & 4WD 65100, rear trailing arm bushing tool	88-91	FWD/4W	<b>67030</b>	OEMA	85		N/A	<b>67125</b> , 67320(8)/ <b>40920</b>	87/90/ <b>161</b>
Civic	80-87	FWD	N/A	N/A			N/A	N/A	
Civic del Sol	92-97	FWD	<b>67030</b>	OEMA, <b>69450</b>	85/100		N/A	<b>67135</b> , 67330(8)/ <b>40920</b>	87/90/ <b>161</b>
Clarity	17-22	FWD	N/A	OEMA			N/A	OEMA	
Crosstour 67550, or, 67555, must be used w/, 67540, kit. 67540, 67550 adjust setback.	10-15	FWD/AW	67545( <b>12</b> )/ <b>74920</b> 67540 67560 67555	OEMA 67540/ <b>74920</b> 67550 67560	95/ <b>166</b> 95/ <b>166</b> 96/95 95/96		N/A	67135, 67330(8)/ <b>40920</b>	87/90/ <b>161</b>
CR-V	23-24	FWD/AW	67476	OEMA, 67477	93/93		N/A	N/A	
CR-V <b>Stock Replacement Part</b>	17-22	FWD/AW	67476	OEMA, 67477 67478/ <b>87560</b>	93/93 95/ <b>170</b>		N/A	67381, 67382  <b>12715</b>	92/92  <b>149</b>
CR-V	07-16	FWD/AW	67580	OEMA/ <b>87560</b>	96/ <b>170</b>		N/A	81280	119
CR-V	02-06	FWD/AW	<b>67430</b> 69400( <b>22</b> )/ <b>69330(14)</b>	OEMA	92 WEB/ <b>164</b>		N/A	81280	119
CR-V <b>Stock Replacement Part</b>	97-01	FWD/AW	<b>67030</b>	OEMA, 69450	85/100		N/A	67135, 67330(8)/ <b>40920</b> <b>67245</b>	87/90/ <b>161</b> <b>151</b>
CR-V Hybrid	17-22	FWD/AW	67476	OEMA, 67477	93/93		N/A	N/A	
CR-X 65100, rear trailing arm bushing tool	88-92	FWD	67030	OEMA	85		N/A	67125, 67320(8)/ <b>40920</b>	87/90/ <b>161</b>
CR-X	84-87	FWD	N/A	N/A			N/A	N/A	
CR-Z	11-16	FWD	N/A	N/A			N/A	81260	119
Element	03-11	FWD/AW	67430 69400( <b>22</b> )/ <b>69330(14)</b>	OEMA/ <b>87560</b>	92/ <b>170</b> WEB/ <b>164</b>		N/A	81280	119
Fit	15-19	FWD	71790(*)	71790(*)	103/103		N/A	81260	119
Fit	09-14	FWD	N/A	N/A			N/A	81260	119
Fit	06-08	FWD	75600, 75800	75600, 75800	114/114		N/A	81260	119
HR-V	23-24	FWD/AW	67476	OEMA, 67477	95/95		OEMA		
HR-V	16-22	AWD	71830(*)	71830(*)	103/103		N/A	81280	119
HR-V	16-22	FWD	N/A	N/A			N/A	81280	119
Insight	19-22	FWD	<b>67467</b> , 67476	OEMA, 67477	92/93/93		N/A	N/A	
Insight	10-14	FWD	N/A	N/A			N/A	81260	119
Insight	01-06	FWD	N/A	N/A			N/A	81260	119
Odyssey	18-24	FWD	67567	OEMA	96/WEB		N/A	N/A	
Odyssey	05-17	FWD	67590/ <b>37995</b>	67576	96/WEB/ <b>160</b>		N/A	81280	119
Odyssey	99-04	FWD	67290/ <b>37995</b>	OEMA, 67565	89/96/ <b>160</b>		N/A	81280	119
Odyssey	95-98	FWD	67155/ <b>40920</b>	OEMA	87/ <b>161</b>		OEMA	<b>67125</b> , 67320(8)/ <b>40920</b>	87/90/ <b>161</b>
Passport	19-24	FWD/AW	N/A	OEMA, 67565	96		N/A	81280	119
Passport	94-02	FWD/AW	N/A	N/A			47700(*)	47700(*)	84/84
Pilot	16-22	FWD/AW	23450/ <b>37995</b>	OEMA, 67565	73/96/ <b>160</b> /WEB		N/A	N/A	
Pilot	09-15	FWD/AW	67570/ <b>37995</b>	OEMA, 67575	96/ <b>160</b>		N/A	81295	119
Pilot	03-08	FWD/AW	67290/ <b>37995</b>	OEMA, 67565	89/96/ <b>160</b>		N/A	81280	119
Prelude	97-02	FWD	<b>67165</b> 67360(8)/ <b>40920</b>	OEMA	96 90/ <b>161</b>		N/A	<b>67135</b> , 67330(8)/ <b>40920</b>	87/90/ <b>161</b>
<b>Stock Replacement Part</b>								<b>67245</b>	<b>151</b>
Prelude SH	97-02	FWD	67165	OEMA	96		N/A	<b>67135</b> , 67330(8)/ <b>40920</b>	87/90/ <b>161</b>

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<b>Stock Replacement Part</b>			67360(8)/40920		90/161		67245	151	
Prelude 4WS	92-94	FWD	OEMA	OEMA		OEMA	<b>67135</b> , 67330(8)/40920	87/90/161	
Prelude	92-96	FWD	<b>67165</b> 67360(8)/40920	OEMA	96 90/161	N/A	<b>67165</b> , 67360(8)/40920	87/90/161	
Prelude 4WS	88-91	FWD	OEMA	OEMA		OEMA	OEMA		
Prelude	83-91	FWD	N/A	OEMA		OEMA	OEMA		
Prelude	79-82	FWD	N/A	N/A		OEMA	N/A		
Ridgeline	17-23	FWD/AW	23450/37995	OEMA, 67565	73/96/160	N/A	N/A		
Ridgeline	06-14	AWD	67490/37995	OEMA	94/160	N/A	81295		
S2000	00-09	RWD	OEMA 67220(3)/40920	OEMA	88/161	OEMA	OEMA, 67220(3)/40920	88/161	

HUMMER									
H1	92-06	4WD	OEMA	OEMA			OEMA	OEMA	
H2	02-09	4WD	N/A	N/A			OEMA/45940 23960/72509 86320, 86325 86375	OEMA/45940 23960/72509 86320, 86325 86375 86330	161/161 78/161 126/131 132/132 131
H3	06-10	4WD	N/A	N/A		■	OEMA/45940 45938 86320, 86325 86360, 86375	OEMA/ 45940 45938 86320, 86325 86360, 86375	161/161 163/163 126/131 131/132
H3T	06-10	4WD	N/A	N/A			OEMA/45940 45938 86320, 86325 86360, 86375	OEMA/ 45940 45938 86320, 86325 86360, 86375	161/161 163/163 126/131 131/132

HYUNDAI									
Accent	18-22	FWD	N/A	N/A			N/A	81250	119
Accent	12-17	FWD	N/A	71070(*)	101/101		N/A	81260	119
Accent	06-11	FWD	75600(1), 75800(1)	75600(1), 75800(1)	114/114		N/A	81250	119
Accent	95-05	FWD	81250	OEMA	119		N/A	81250	119
Azera	12-17	FWD	OEMA, 84090	OEMA, 84080	128/127		N/A	81280	119
Azera from 10/31/2006	07-11	FWD	OEMA, 84095	OEMA, 84090	128/128		N/A	67195/40920	87/161
Azera to 10/31/2006	06	FWD	OEMA, 84095	OEMA, 84090	128/128		N/A	67190/40920	87/161
Elantra w/ Multi-Link Rear Susp.	21-24	FWD	OEMA	OEMA			N/A	81260	119
Elantra GT Sport	18-20	FWD	OEMA, 84095	OEMA, 84085	WEB/127		N/A	81260	119
Elantra w/ Beam Type Rear Susp.	11-24	FWD	N/A	N/A			N/A	81260	119
Elantra Touring w/ Multi-Link Rear Susp.	07-12	FWD	67410	OEMA 67410/85130	90 90/169		N/A	81260	119
Elantra	97-06	FWD	81250	OEMA	119		N/A	81250	119
Elantra	92-96	FWD	N/A	N/A			N/A	81250	119
Entourage	07-09	FWD	84120	OEMA	128		N/A	81250	119
Equus	14-16	RWD	OEMA	OEMA			N/A	N/A	
Equus	11-13	RWD	OEMA	OEMA			N/A	71930	103
Excel	90-04	FWD	N/A	N/A			N/A	81250	119
Excel	86-89	FWD	N/A	N/A			OEMA	81250	119
Genesis Sedan	15-16	RWD/AW	OEMA	OEMA			N/A	N/A	
Genesis Coupe	10-16	RWD	OEMA	OEMA			N/A	81260	119
Genesis Sedan	09-14	RWD	OEMA	OEMA			N/A	71930	103



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# Applications

## CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

### HYUNDAI-cont.

### REAR

### FRONT

Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page	Thrust Plate	CASTER/TOOL	CAMBER/TOOL	Page
Ioniq w/ Multi-Link Rear Susp.	17-22	FWD	OEMA, 84095	OEMA, 84085	WEB/127		N/A	81260	119
Ioniq w/ Beam Type Rear Susp.	17-22	FWD	N/A	N/A			N/A	81260	119
Ioniq 5	22-24	FWD/AW	OEMA	OEMA			N/A	81260	119
Kona	18-23	AWD	84086	OEMA, 84085	127		N/A	81260	119
Kona	18-23	FWD	N/A	N/A			N/A	81260	119
Nexo	19-24	FWD	OEMA, 84090	OEMA, 84080	128/127		N/A	81260	119
Palisade	20-24	FWD/AW	OEMA, 84090	OEMA, 84085	128/127		N/A	81280	119
Pony	83-87	RWD	N/A	N/A			OEMA	N/A	
Santa Cruz	20-24	FWD/AW	OEMA, 84100	OEMA, 84100	127/127		N/A	81280	119
Santa Fe	21-23	FWD/AW	OEMA, 84100	OEMA, 84100	127/127		N/A	81260	119
Santa Fe (Hybrid)	21-23	FWD/AW	OEMA, 84090	OEMA, 84085	127/127		N/A	81260	119
Santa Fe	13-20	FWD/AW	OEMA, 84090	OEMA, 84085	127/127		N/A	81260	119
Santa Fe	07-12	FWD/AW	OEMA, 85095	OEMA, 84095	127/127		N/A	81260	119
Santa Fe	03-06	FWD/AW	OEMA 67493/85130 67495/37995	OEMA 67493/85130 67495/37995	94/169 94/160		N/A	81250	119
Santa Fe	01-02	FWD/AW	OEMA 67493/85130	OEMA 67493/85130	94/169		N/A	81250	119
Scoupe	90-95	FWD	N/A	N/A			N/A	81250	119
Sonata	20-24	FWD	OEMA, 84100	OEMA, 84100			N/A	81260	119
Sonata	15-19	FWD	OEMA, 84090	OEMA, 84085	128/127		N/A	81260	119
Sonata	12-14	FWD	OEMA, 84090	OEMA, 84080	128/127		N/A	81280	119
Sonata after 5-2011	11	FWD	OEMA, 84090	OEMA, 84080	128/127		N/A	81280	119
Sonata before 5-2011	11	FWD	OEMA, 84090	OEMA			N/A	81260	119
Sonata after 9-21-2006	07-10	FWD	OEMA, 84095	OEMA, 84090	127/127		N/A	67195/40920	87/161
Sonata before 9-21-2006	99-06	FWD	N/A	OEMA			N/A	67190/40920	87/161
Sonata	95-98	FWD	OEMA	OEMA			N/A	81260	119
Sonata	89-94	FWD	N/A	N/A			N/A	81260	119
Stellar	84-88	FWD	N/A	N/A			OEMA	N/A	
Tiburon	03-09	FWD	81250	OEMA			N/A	81260	119
Tiburon	97-02	FWD	81250	OEMA			OEMA	81250	119
Tucson	22-24	FWD	OEMA, 84085	OEMA, 84085	127/127		N/A	81260	119
Tucson	16-21	FWD	OEMA, 84090	OEMA, 84085	128/127		N/A	81260	119
Tucson	10-15	FWD	OEMA, 84090	OEMA, 84080	128/127		N/A	81260	119
Tucson	10-15	AWD	OEMA, 84095	OEMA, 84085	127/127		N/A	81260	119
Tucson	05-09	FWD/AW	81260	OEMA			N/A	81260	119
Veloster	19-22	FWD	OEMA, 84086	OEMA, 84085	128/127		N/A	81260	119
Veloster	12-17	FWD	75600(1)	75600(1)	114/114		N/A	81260	119
Venue	20-24	FWD	N/A	N/A			N/A	81260	119
Veracruz	07-12	FWD/AW	OEMA, 84095	OEMA, 84095			N/A	81260	119
XG300	01	FWD	N/A	OEMA			N/A	67190/40920	87/161
XG350	02-05	FWD	N/A	OEMA			N/A	67190/40920	87/161

### GRENADIER

Grenadier	24-24	RWD/AW	N/A	N/A			N/A	N/A	
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### INFINITI

EX35	08-12	RWD/AW	OEMA	OEMA			72130, 73005	72130, 73005	106/112
EX37	13	RWD/AW	OEMA	OEMA			72130, 73005	72130, 73005	106/112
FX35	09-13	RWD/AW	OEMA 72265/85130	OEMA 72265/85130	108/169		N/A	N/A	
FX35	03-08	RWD/AW	OEMA 72265/85130	OEMA 72265/85130	108/169		N/A	81260	119

Applications

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# Applications

## CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

INFINITI-cont.			REAR			Thrust Plate	FRONT		
Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	Page
FX37	13	FWD/AW	OEMA	OEMA			N/A	N/A	
FX45	03-08	RWD/AW	OEMA 72265/85130	OEMA 72265/85130	108/169		N/A	81260	119
FX50	09-13	RWD/AW	OEMA	OEMA			N/A	N/A	
G20	97-03	FWD	N/A	N/A			N/A	N/A	
G20	91-96	FWD	81250	OEMA			N/A	N/A	
G25	11-12	RWD/AW	OEMA 72260/85130 72262 72265	OEMA 72260/85130 72262 72265	108/169 108 108		72130, 73005	72130, 73005	106/112
G35 Sedan	07-08	RWD/AW	OEMA 72260/85130 72262 72265	OEMA 72260/85130 72262 72265	108/169 108 108		72130, 73005	72130, 73005	106/112
G35 Coupe w/ rear active steer	06-07	RWD/AW	OEMA 72260/85130 72262 72265	OEMA 72260/85130 72262 72265	108/169 108 108		72127 73000/8370	72127 73000/8370	106 112/158
G35 Sedan	03-06	RWD/AW	OEMA 72050/85130 72052 72055	OEMA 72050/85130 72052 72055	104/169 104 104		72127 73000/8370	72127 73000/8370	106 112/158
G35 Coupe w/o rear active steer	03-07	RWD/AW	OEMA 72050/85130 72052 72055	OEMA 72050/85130 72052 72055	104/169 104 104		72127 73000/8370	72127 73000/8370	106 112/158
G37 Convertible	09-13	RWD/AW	OEMA	OEMA			72130, 73005	72130, 73005	106/112
G37 Sedan	09-13	RWD/AW	OEMA 72260/85130 72262 72265	OEMA 72260/85130 72262 72265	108/169 108 108		72130, 73005	72130, 73005	106/112
G37 Coupe	08-13	RWD/AW	OEMA 72260/85130 72262 72265	OEMA 72260/85130 72262 72265	108/169 108 108		72130, 73005	72130, 73005	106/112
I30	95-01	FWD	N/A	N/A			N/A	81260	119
I35	02-05	FWD	N/A	N/A			N/A	81260	119
JX35	13	FWD/AW	OEMA	OEMA			N/A	81260	119
J30	92-97	RWD	N/A	OEMA			N/A	N/A	
M30	90-92	RWD	N/A	OEMA			N/A	N/A	
M35	06-10	RWD/AW	OEMA 72260/85130 72262 72265	OEMA 72260/85130 72262 72265	108/169 108 108		72130, 73005	72130, 73005	106/112
M35h 72240, 72250 adjust setback.	12-13	RWD/AW	OEMA 72240 72245(12)	OEMA 72240 72250 72255	107 107/107 107		N/A	N/A	
<b>Stock Replacement Part</b>			12020, 12021, 12022		148/148/148				
M37 72240, 72250 adjust setback.	11-13	RWD/AW	OEMA 72240 72245(12) 87505	OEMA 72240 72250 72255	107 107/107 107/111		N/A	N/A	
<b>Stock Replacement Part</b>			12020, 12021, 12022		148/148/148				
M4 Sedan w/rear active steer	06-10	RWD/AW	OEMA 72260/85130 72262 72265	OEMA 72260/85130 72262 72265	108/169 108 108		72130, 73005	72130, 73005	106/112
M45	03-05	RWD/AW	OEMA	OEMA			N/A	N/A	



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# Applications

## CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

Applications

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### INFINITI-cont.

### REAR

### FRONT

Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page	Thrust Plate	CASTER/TOOL	CAMBER/TOOL	Page
M56 <i>72240, 72250 adjust setback.</i>	11-13	RWD/AW	OEMA 72240 72245(12) 87505 <b>12020, 12021, 12022</b>	OEMA 72240 72250 72255	107 107/107 107/111 <b>148/148/148</b>		N/A	N/A	
<b>Stock Replacement Part</b>									
QX30	17-19	FWD/AW	N/A	OEMA			N/A	81260	119
QX4	97-03	RWD/4W	N/A	N/A			N/A	81260	119
QX50	19-24	FWD/AW	OEMA	OEMA			N/A	N/A	
QX50	14-17	RWD/AW	OEMA, 72265	OEMA, 72265	108		72130, 73005	72130, 73005	106/112
QX55	22-24	AWD	OEMA	OEMA			N/A	N/A	
QX56	04-13	RWD/4W	OEMA	OEMA			87520	87520	132/132
QX60	14-24	FWD/AW	OEMA	OEMA			N/A	81260	119
QX70	14-17	RWD/AW	OEMA, 72265	OEMA, 72265	108		N/A	N/A	
QX80	14-24	RWD/4W	OEMA	OEMA			25560(36) 87520	25560(36) 87520	78/78 132/132
Q40	15	RWD/AW	OEMA <b>72260/85130</b> 72262 72265	OEMA <b>72260/85130</b> 72262 72265	108/169 108 108		72130, 73005	72130, 73005	106/112
Q45	90-07	RWD	OEMA	OEMA			N/A	N/A	
Q50 Sedan <i>72240, 72250 adjust setback.</i>	14-24	RWD/AW	OEMA 72240 72245(12) 87505 <b>12020, 12021, 12022</b>	OEMA 72240 72250 72255	107/107 107/107 107/111 <b>148/148/148</b>		72130, 73005	72130, 73005	106/112
<b>Stock Replacement Part</b>									
Q60 <i>72240, 72250 adjust setback.</i>	17-22	RWD/AW	OEMA 72240 72245(12) 87505 <b>12020, 12021, 12022</b>	OEMA 72240 72250 72255	107/107 107/107 107/111 <b>148/148/148</b>		72130, 73005	72130, 73005	106/112
<b>Stock Replacement Part</b>									
Q60 Convertible	14-15	RWD/AW	OEMA	OEMA			72130, 73005	72130, 73005	106/112
Q60 Coupe	14-15	RWD/AW	OEMA 72265/85130	OEMA 72265/85130	108/169		72130, 73005	72130, 73005	106/112
Q70 <i>72240, 72250 adjust setback.</i>	14-19	RWD/AW	OEMA 72240 72245(12) 87505 <b>12020, 12021, 12022</b>	OEMA 72240 72250 72255	107/107 107/107 107/111 <b>148/148/148</b>		N/A	N/A	
<b>Stock Replacement Part</b>									
Pickup	72-75	4WD	N/A	N/A		■	23000(*)/4169	23000(*)/4169	70/162
Pickup (1300)	60-71	4WD	N/A	N/A		■	88940	88940	136/136
Scout	61-71	4WD	N/A	N/A			Axle Wedges	N/A	
Scout II	73-80	4WD	N/A	N/A		■	23000(*)/4169	23000(*)/4169	70/162

### ISUZU

i-280 <i>45940 for use on OE cams only</i>	06	RWD	N/A	N/A		■	OEMA/45940, 45938 86320, 86325 86360, 86375	OEMA/45940, 45938 86320, 86325 86360, 86375	163/163 163/163 126/131 131/132
i-290 <i>45940 for use on OE cams only</i>	07-08	RWD	N/A	N/A			OEMA/45940, 45938 86320, 86325 86360, 86375	OEMA/45940, 45938 86320, 86325 86360, 86375	163/163 163/163 126/131 131/132
i-350 <i>45940 for use on OE cams only</i>	06	4WD	N/A	N/A			OEMA/45940, 45938 86320, 86325 86360, 86375	OEMA/45940, 45938 86320, 86325 86360, 86375	163/163 163/163 126/131 131/132
i-370 <i>45940 for use on OE cams only</i>	07-08	4WD	N/A	N/A			OEMA/45940, 45938 86320, 86325 86360, 86375	OEMA/45940, 45938 86320, 86325 86360, 86375	163/163 163/163 126/131 131/132

# CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

ISUZU-cont.			REAR			Thrust Plate	FRONT		Page
Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	
Amigo	90-00	RWD/4W	N/A	N/A		47700(*)	47700(*)	84/84	
Ascender	03-07	AWD	N/A	N/A		OEMA/83785	OEMA/83785	173/173	
Axiom	02-04	AWD	N/A	N/A		47700(*)	47700(*)	84/84	
Hombre	96-00	RWD	N/A	N/A		47700(*), 100140 95336(22)	47700(*), 100140	84/143 143	
Hombre	96-00	4WD	N/A	N/A		OEMA, 83710	OEMA, 83710	127/127	
I-Mark	85-89	FWD	75200(1)	75200(1)	114/114	N/A	81250	119	
Impulse	90-93	FWD/AW	81250	OEMA		N/A	81250	119	
Impulse	83-89	RWD	N/A	N/A		OEMA	OEMA		
Oasis	96-99	FWD	67155/40920	OEMA	87/161	OEMA	67125, 67320(8)/40920	87/90/161	
Pickup	81-99	RWD/4W	N/A	N/A		47700(*)	47700(*)	84/84	
Rodeo	91-03	RWD/4W	N/A	N/A		47700(*)	47700(*)	84/84	
Rodeo Sport	01-03	RWD/4W	N/A	N/A		47700(*)	47700(*)	84/84	
Stylus	91-94	FWD	81250	OEMA	119	OEMA	81250	119	
Trooper	81-02	RWD/4W	N/A	N/A		47700(*)	47700(*)	84/84	
VehiCROSS	00-01	4WD	N/A	N/A		N/A	N/A		
<b>JAGUAR</b>									
E-Pace	18-24	AWD	N/A	OEMA		N/A	N/A		
F-Pace	17-24	AWD	N/A	OEMA		OEMA	OEMA		
F-Type	14-24	RWD	N/A	OEMA		OEMA	OEMA		
I-Pace	19-24		N/A	OEMA		N/A	N/A		
S-Type	03-08	RWD	N/A	OEMA		OEMA	OEMA		
<b>Stock Replacement Part</b>			87555		151				
S-Type	00-02	RWD	N/A	OEMA		OEMA, 87545	OEMA, 87545	136/136	
<b>Stock Replacement Part</b>			87550		151				
X-Type	02-11	FWD/AW	N/A	OEMA		N/A	N/A		
XE	17-20	RWD/AW	N/A	OEMA		OEMA	OEMA		
XF	09-24	RWD/AW	N/A	OEMA		OEMA	OEMA		
XJ	10-19	RWD/AW	N/A	OEMA		OEMA	OEMA		
XJ	98-09	RWD	N/A	OEMA		N/A	N/A		
XK	07-15	RWD	N/A	OEMA		OEMA	OEMA		
XK8	97-06	RWD	OEMA	OEMA		OEMA	OEMA		
<b>JEEP</b>									
Cherokee (KL)	14-24	RWD/4W	OEMA, 84086	OEMA, 67477		N/A	N/A		
Cherokee (XJ)	94-01	RWD	N/A	N/A		23510(*)/72509 47240(*) 23580	23510(*) 26012/23580 26014/72509	74/74/169 84/79/162 79/162/169	
Cherokee (XJ)	84-93	RWD	N/A	N/A		23510(*)/23580, 72509 47240(*)	23510(*)/23580, 72509	74/74/162 169/169 84	
Cherokee (XJ)	84-01	4WD	N/A	N/A		23510(*)/72509  23580	23510(*) 47240(*) 26012/23580 26014/72509	74/74/169 80/79/162 79/162/169	
Cherokee (SJ)	74-83	4WD	N/A	N/A		23000(*)/4169	23000(*)/4169	70/162	
Comanche (MJ)	86-92	RWD/4W	N/A	N/A		23510(*)/72509 47240(*) 23580	23510(*) 26012/23580 26014/72509	74/74/169 80/79/162 79/162/169	
Commander (XK)	06-10	RWD/4W	N/A	N/A		OEMA	OEMA, 23420 26012/37995 26014/72509	77 79/160 79/169	
Commando	66-73	4WD	N/A	N/A		23000(*)/4169	23000(*)/4169	70/162	
Compass (MP)	17-24	FWD/AW	81250	OEMA	119	N/A	81250	119	
Compass (MK)	07-17	FWD/AW	67455	OEMA	119	N/A	81260	119	



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# Applications

## CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

### JEEP-cont.

Model/Body Style	Year	Drive Type	REAR			Thrust Plate	FRONT		
			CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	Page
CJ	72-86	4WD	N/A	N/A		■	23000(*)/4169 80199(*)	23000(*)/4169	70/162 119
CJ	45-71	4WD	N/A	N/A		■	23000(*)/4169	23000(*)/4169	70/162
Gladiator (JT)	20-24	4WD	N/A	N/A			82375/85130 13411(16), 13412(11)	23400(*)  16310	121/74/169 71 149
<b>Stock Replacement Part</b>									
Grand Cherokee (WL)	22-24	RWD/AW	N/A	OEMA			N/A	N/A	
Grand Cherokee (WK2) (V6 Engine)	16-22	RWD/AW	OEMA	OEMA			OEMA	OEMA, 82360	124
Grand Cherokee (WK2) (V8 Engine)	16-22	RWD/AW	OEMA	OEMA			OEMA	OEMA, 82363	124
Grand Cherokee (WK2)	11-15	RWD/AW	OEMA	OEMA			OEMA	OEMA, 82360	124
Grand Cherokee (WK)	05-10	RWD/4W	N/A	N/A			OEMA	OEMA, 23420 26012/37995 26014/72509	73 79/160 79/160
Grand Cherokee (WJ)	99-04	RWD/4W	N/A	N/A			23510(*)/23580, 72509	23510(*)/23580, 72509 26012/37995 26014/72509	74/74/162 169/169 79/160 79/169
Grand Cherokee (ZJ)	93-98	RWD/4W	82370(19)	N/A	121		23510(*)/23580, 72509 82380	23510(*)/23580, 72509 26012/37995 26014/72509	74/74/162 169/169 79/160 79/169
Grand Cherokee L (WL)	21-24	RWD/AW	N/A	OEMA			N/A	N/A	
Grand Wagoneer (WS)	22-24	RWD/4W	N/A	OEMA			OEMA, 82420	OEMA, 82420	122/122
Grand Wagoneer (SJ)	74-91	4WD	N/A	N/A			23000(*)/4169	23000(*)/4169	70/162
Grand Wagoneer L (WS)	23-24	RWD/4W	N/A	OEMA			OEMA, 82420	OEMA, 82420	122/122
Jeepster	66-73	4WD	N/A	N/A		■	23000(*)/4169	23000(*)/4169	70/162
Liberty (KK)	08-13	FWD/AW	N/A	N/A			OEMA, 82365	OEMA, 82365	124/124
Liberty (KJ)	02-07	FWD/AW	N/A	N/A			OEMA, 82365	OEMA, 82365 26012, 26014	124/124 79/79
Patriot (MK)	07-17	FWD/AW	67455	OEMA	92		N/A	81260	119
Pickup J10/J20 (SJ)	74-84	4WD	N/A	N/A		■	23000(*)/4169	23000(*)/4169	70/162
Renegade (BU)	15-24	FWD/AW	81250	N/A	119		N/A	81250	119
Scrambler	82-86	4WD	N/A	N/A		■	23000(*)/4169	23000(*)/4169	70/162
Wagoneer (WS)	22-24	RWD/4W	N/A	OEMA			OEMA, 82420	OEMA, 82420	122/122
Wagoneer (XJ)	84-90	RWD	N/A	N/A		■	23510(*) 47240(*)/72509	23510(*) 47240(*)/72509	74/74 84/169
Wagoneer (XJ)	84-90	4WD	N/A	N/A		■	23510(*) 47240(*) 23580,72509	23510(*) 26012/23580 26014/72509	74/74 84/79/169 79/162/169
Wagoneer L (WS)	23-24	RWD/4W	N/A	OEMA			OEMA, 82420	OEMA, 82420	122/122
Wrangler (JL)	18-24	4WD	82376(19)/85130	N/A	121/169		82375/85130 13411(16) 13412(11)	23400(*)  16310	121/74/169 /149 71
<b>Stock Replacement Part</b>									
Wrangler (JK)	07-18	RWD/4W	82390(19)/74920	N/A	121/169		23510(*) 23580, 72509 82390(16) 74910 13410(16)	23510(*) 23580, 72509 26012, 26014	74/74 162/169 122/79 166
<i>23605, front toe adjusters</i>									
<b>Stock Replacement Part</b>									
			13421, 13426		69/69				
Wrangler (TJ)	97-06	4WD	82370(19)	N/A	121		23510(*) 23580, 72509 82390(16) 74910	23510(*) 23580, 72509 26012, 26014	74/74 162/169 122/79 166
Wrangler (YJ)	87-95	4WD	N/A	N/A		■	Axle Wedges, 23510(*)/23580, 72509	23510(*)/23580, 26012, 26014/72509	74/162 79/169

### KIA

Amanti	07-11	FWD	OEMA	OEMA			N/A	67195/40920	87/161
Amanti	04-06	FWD	N/A	OEMA			N/A	67190/40920	87/161
Borrego	08-12	FWD/AW	OEMA, 84095	OEMA, 84095	WEB		OEMA	OEMA	

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KIA-cont.			REAR			Thrust Plate	FRONT		Page
Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	
Cadenza	17-21	FWD	OEMA, 84090	OEMA, 84085	128/127		N/A	81280	119
Cadenza	14-16	FWD	OEMA, 84090	OEMA, 84080	128/127		N/A	81280	119
Carnival	22-24	FWD	OEMA, 84100	OEMA, 84100	128/128		N/A	81280	119
EV6	22-24	RWD/AW	OEMA, 84100	OEMA, 84100	128/128		N/A	81260	119
Forte	14-24	FWD	N/A	N/A			N/A	81260	119
Forte	09-13	FWD	75600(1)	75600(1)	114/114		N/A	81260	119
K5	21-24	FWD	OEMA, 84100	OEMA, 84100	128/127		N/A	81280	119
K900	19-20	AWD	OEMA, 84095	OEMA, 84085	128/127		N/A	N/A	
K900	16-17	RWD	OEMA, 84090	OEMA, 84085	128/127		N/A	N/A	
K900	15	RWD	OEMA, 84090	OEMA, 84085	128/127		N/A	71930	103
Niro (Inc. EV)	23-24	FWD	OEMA	OEMA	WEB/127		N/A		
Niro	17-22	FWD	OEMA, 84095	OEMA, 84085	WEB/127		N/A	81260	119
Optima Hybrid	17-19	FWD	OEMA, 84090	OEMA, 84085	128/127		N/A	81280	119
Optima	17-20	FWD	OEMA, 84090	OEMA, 84085	128/127		N/A	81280	119
Optima	12-16	FWD	OEMA, 84090	OEMA, 84080	128/127		N/A	81280	119
Built after 7-1-2011, Exc Hybrid									
Optima Hybrid	12-16	FWD	OEMA, 84090	OEMA, 84080	128/127		N/A	81280	119
Optima	11-12	FWD	OEMA	OEMA, 84080	127		N/A	81260	119
Built before 7-1-2011, Exc Hybrid									
Optima	06-10	FWD	67410/85130	OEMA 67410/85130	90/169 90/169		N/A	81260	119
Optima	01-05	FWD	N/A	OEMA			N/A	67190/40920	87/161
Rio	18-23	FWD	N/A	N/A			N/A	81250	119
Rio	12-17	FWD	N/A	71070(*)			N/A	81260	119
Rio	01-11	FWD	75800(1)	75800(1)			N/A	81250	119
Rio5	06-11	FWD	75800(1)	75800(1)			N/A	81250	119
Rondo	07-12	FWD	67410	OEMA 67410/85130	90 90/169		N/A	81260	119
Sedona	15-21	FWD	OEMA, 84090	OEMA, 84085	128/127		N/A	81280	119
Sedona	06-14	FWD	84120	OEMA	119		N/A	81250	119
Sedona	02-05	FWD	N/A	N/A			N/A	81260	119
Seltos SP2	21-24	AWD	OEMA, 84086	OEMA, 84085	127/127		N/A	81260	119
Seltos SP2	21-23	FWD	75600	75600	114/114		N/A	81260	119
Sephia	94-02	FWD	81250	OEMA	119		N/A	OEMA, 81250	119
Sorento w/o Hybrid	21-24	FWD	OEMA, 84090	OEMA, 84090	128		N/A	81280	119
Sorento w/o Hybrid	21-24	FWD/AW	OEMA, 84100	OEMA, 84100	128		N/A	81280	119
Sorento	16-22	FWD/AW	OEMA, 84090	OEMA, 84085	128/127		N/A	81280	119
Sorento	14-15	FWD/AW	OEMA, 84090	OEMA, 84085	128/127		N/A	81260	119
Sorento	11-13	FWD/AW	OEMA, 84095	OEMA, 84095	128/128		N/A	81260	119
Sorento	03-09	RWD/4W	N/A	N/A			N/A	OEMA	
Soul	20-24	FWD	N/A	N/A			N/A	81260	119
Soul	09-19	FWD	75600(1)	75600(1)	114/114		N/A	81260	119
Spectra	01-09	FWD	81250	OEMA	119		N/A	81250	119
Sportage (Korea)	23-24	FWD	OEMA, 84100	OEMA, 84100	128/127		N/A	81260	119
Sportage (USA)	23-24	FWD	OEMA, 84090	OEMA, 84085	128/127		N/A	81260	119
Sportage	17-22	FWD	OEMA, 84090	OEMA, 84085	128/127		N/A	81260	119
Sportage	11-16	FWD	OEMA, 84090	OEMA, 84080	128/127		N/A	81260	119
Sportage	11-20	AWD	84090	OEMA, 84085	128/127		N/A	81260	119
Sportage	05-10	FWD/AW	81260	OEMA	119		N/A	81260	119
Sportage	95-02	FWD/AW	N/A	N/A			OEMA	OEMA	
Stinger	18-23	RWD/AW	OEMA, 84100	OEMA, 84100	127/127		N/A	N/A	
Telluride (After 8/25/20)	21-24	FWD/AW	OEMA, 84100	OEMA, 84100	128/127		N/A	81280	119
Telluride (Prior 8/25/20)	21-24	FWD/AW	OEMA, 84090	OEMA, 84085	128/127		N/A	81280	119



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**BOLD PART NUMBER INDICATES PREFERRED CORRECTION METHOD • WEB = Check www.specprod.com for more information ■ = Thrust Plate, pg. 85**  
 Alignment Footnotes on page 68 • N/A = No Available Adjuster • OEMA = Original Equipment Manufacturer Adjustment • (\*) = Series P/N, see page for size  
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# Applications

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### LAND ROVER

### REAR

### FRONT

Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page	Thrust Plate	CASTER/TOOL	CAMBER/TOOL	Page
Defender	20-24	4WD	N/A	OEMA			N/A	N/A	
Discovery	17-24	4WD	N/A	OEMA			N/A	N/A	
Discovery	99-04	4WD	N/A	N/A			N/A	N/A	
Discovery Sport	15-24	4WD	N/A	OEMA			N/A	N/A	
Freelander	02-06	4WD	81260	OEMA	119		N/A	81260	119
LR2	05-15	4WD	N/A	OEMA			N/A	N/A	
LR3	05-09	4WD	N/A	OEMA			OEMA	OEMA	
LR4	10-17	4WD	N/A	OEMA			OEMA	OEMA	
Range Rover	13-24	4WD	N/A	OEMA			N/A	N/A	
Range Rover	03-12	4WD	N/A	OEMA			N/A	81280	119
Range Rover	95-02	4WD	N/A	N/A			N/A	N/A	
Range Rover Evoque	12-24	4WD	N/A	OEMA			N/A	N/A	
Range Rover Sport	14-24	4WD	N/A	OEMA			N/A	N/A	
Range Rover Sport	06-13	4WD	OEMA	OEMA			OEMA	OEMA	
Range Rover Velar	18-24	4WD	N/A	OEMA			OEMA	OEMA	

### LEXUS

CT	11-17	FWD	67487	OEMA 67800/ <b>37995</b>	94 99/ <b>160</b>		N/A	81290	119
<b>Stock Replacement Part</b>			<b>12030</b>		<b>148</b>				
ES	19-24	FWD	N/A	OEMA, 25370			N/A	81290	119
ES	13-18	FWD	81290	N/A	119		N/A	81290	119
ES	92-12	FWD	81270	OEMA	119		N/A	<b>81290</b> , 82120/ <b>85130</b>	119/119/ <b>169</b>
ES	90-91	FWD	81270	OEMA	119		OEMA	<b>81290</b> , 82120/ <b>85130</b>	119/119/ <b>169</b>
GS Except GS-F	13-20	RWD/AW	72450	OEMA	110		N/A	N/A	
GS	06-11	RWD/AW	67520/ <b>37995</b>	OEMA	95/ <b>160</b>		N/A	67530/ <b>40920</b>	95/ <b>161</b>
GS	98-05	RWD	OEMA, 67510/ <b>85130</b>	OEMA	94/ <b>169</b>		72270	OEMA, 72270	108/108
GS	93-97	RWD	OEMA	OEMA			OEMA, 72270	OEMA, 72270	108/108
GS-F	16-20	RWD/AW	72455	OEMA	WEB		N/A	NA	
GX	10-23	4WD	N/A	N/A			OEMA, 25440 25480/ <b>40915</b>	OEMA, 25440 25480/ <b>40915</b>	78/78 77/ <b>161</b>
<b>Stock Replacement Part</b>			<b>25950</b>		<b>149</b>		<b>21060</b>		<b>153</b>
GX	03-09	4WD	N/A	N/A			OEMA, 25440 25480/ <b>40915</b>	OEMA, 25440 25480/ <b>40915</b>	78/78 77/ <b>161</b>
<b>Stock Replacement Part</b>			<b>25950</b>						
HS	10-12	FWD	67487	OEMA, 67800 <b>37995</b>	94/99 <b>160</b>		N/A	81290	119
<b>Stock Replacement Part</b>			<b>12030</b>		<b>148</b>				
IS	16-24	RWD/AW	72450	OEMA	110		N/A	67530/ <b>40920</b>	95/ <b>161</b>
IS Convertible	14-15	RWD/AW	67520/ <b>37995</b>	OEMA	95/ <b>160</b>		N/A	67530/ <b>40920</b>	95/ <b>161</b>
IS Except Convertible or IS-F	14-15	RWD/AW	72450	OEMA	110		N/A	67530/ <b>40920</b>	95/ <b>161</b>
IS Incl IS-F and Convertible	06-13	RWD/AW	67520/ <b>37995</b>	OEMA	95/ <b>160</b>		N/A	67530/ <b>40920</b>	95/ <b>161</b>
IS	01-05	RWD	OEMA, 67515/ <b>85130</b>	OEMA	94/ <b>169</b>		N/A	OEMA, 67525/ <b>40920</b>	95/ <b>161</b>
IS-F	14	RWD	67520/ <b>37995</b>	OEMA	95/ <b>160</b>		N/A	67530/ <b>40920</b>	95/ <b>161</b>
LC	18-24	RWD	OEMA	OEMA			N/A	N/A	
LS	07-24	RWD/AW	N/A	OEMA			N/A	N/A	
LS	01-06	RWD	N/A	OEMA			N/A	OEMA	
LS	90-00	RWD	OEMA	OEMA			OEMA	OEMA	
LX 600	22-24	4WD	N/A	N/A			OEMA, 25420	OEMA, 25420	79/79
LX 570	08-13	4WD	N/A	N/A			OEMA, 25450 25465/ <b>40915</b>	OEMA, 25450 25465/ <b>40915</b>	77/77 78/ <b>161</b>
<b>Stock Replacement Part</b>			<b>25965</b>		<b>149</b>				
LX 470	98-07	4WD	N/A	N/A			OEMA, 25385 25455	OEMA, 25385 25455	78/78 78/78
LX 450	96-98	4WD	N/A	N/A			88915, 88920	88915, 88920	WEB/WEB
NX	22-24	FWD/AW	N/A	OEMA, 25370	100		N/A	81290	119

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LEXUS-cont.			REAR			Thrust Plate	FRONT		
Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	Page
NX	15-21	FWD/AW	67810, 67811	OEMA	100/100		N/A	81290	119
RC Except RC F	15-24	RWD/AW	72450	OEMA	110		N/A	OEMA	
RC F	15-24	RWD/AW	72455	OEMA	WEB		N/A	OEMA	
RX	10-24	FWD/AW	67815	OEMA			N/A	81290	100/119
RX	99-09	FWD/AW	81270	OEMA	119		N/A	81290, 82120/ <b>85130</b>	119/119/ <b>169</b>
SC	02-10	RWD	OEMA, 67510/ <b>85130</b>	OEMA	94/ <b>169</b>		72270	OEMA, 72270	108/108
SC	92-01	RWD	OEMA	OEMA			OEMA	OEMA	
UX	19-24	FWD/AW	N/A	OEMA, 25370			N/A	81290	119

## LINCOLN

Aviator	20-24	RWD/AW	N/A	OEMA			N/A	N/A	
Aviator	03-05	RWD/4W	86180	OEMA	125		86140	86140	125/125
Blackwood EXT	02-03	RWD/4W	N/A	N/A		■	87385	87385	135/135
Continental	17-20	FWD/AW	N/A	OEMA			N/A	81280	119
Continental	95-02	FWD	OEMA	OEMA			OEMA	OEMA	
Continental	88-94	FWD	N/A	OEMA			OEMA	OEMA	
Continental	82-87	RWD	N/A	N/A			N/A	OEMA, <b>81280</b> 82120/ <b>85130</b>	119 119/ <b>169</b>
Corsair	20-24	FWD/AW	OEMA, 67435, 67445	OEMA	94/94		N/A	81315	120
LS	00-06	RWD	N/A	OEMA			OEMA, 87545	OEMA, 87545	136/136
<b>Stock Replacement Part</b>			<b>87550</b>		<b>151</b>				
Mark LT	06-08	RWD/4W	N/A	N/A			OEMA, 25675(8) <b>25680</b> , 86250 86252	OEMA, 25675(8) <b>25680</b> , 86250 86252	79/79 79/125 130/130
Mark VII	84-92	RWD	N/A	N/A			N/A	OEMA, <b>81280</b> 82120/ <b>85130</b>	119 119/ <b>169</b>
Mark VIII	93-97	RWD	OEMA	OEMA			OEMA	OEMA, 87535	WEB
MKC	15-19	FWD/AW	N/A	OEMA			N/A	N/A	
MKS built after 2/6/12	13-16	FWD/AW	OEMA, 84130	OEMA	128		N/A	84135	128
MKS built before 2/6/12	09-12	FWD/AW	OEMA, 84130	OEMA	128		N/A	OEMA	
MKT	13-19	FWD/AW	OEMA, 84130	OEMA	128		N/A	84135	128
MKT	10-12	FWD/AW	OEMA, 84130	OEMA	128		N/A	OEMA	
MKX	07-18	FWD/AW	OEMA	OEMA			N/A	81280	119
MKZ	13-20	AWD	N/A	OEMA			N/A	81280	119
MKZ	13-20	FWD	67680	OEMA	99		N/A	81280	119
MKZ	07-12	FWD/AW	OEMA, 67425	OEMA	91		N/A	67115/ <b>40920</b>	87/ <b>161</b>
Nautilus	19-22	FWD/AW	OEMA	OEMA			N/A	81280	119
Navigator	18-22	RWD/4W	OEMA	OEMA			OEMA	OEMA	
Navigator	09-17	RWD/4W	OEMA, 67275, 86690	OEMA	88/130		OEMA, 25675(8) 25680, 86250 86252	OEMA, 25675(8) 25680, 86250 86252	79/79 79/125 130/130
Navigator	07-08	RWD/4W	OEMA, 86690	OEMA	130		OEMA, 25675(8) 25680, 86250 86252	OEMA, 25675(8) 25680, 86250 86252	79/79 79/125 130/126
Navigator	03-06	RWD/4W	86680	OEMA	130		86640/ <b>83820</b>	86640/ <b>83820</b>	130/ <b>173</b>
Navigator	98-02	RWD/4W	N/A	N/A			87385	87385	135/135
Town Car	03-11	RWD	N/A	N/A			OEMA	OEMA, 87365/ <b>85130</b> <b>02099</b>	135/ <b>169</b> <b>176</b>
Town Car	91-02	RWD	N/A	N/A			OEMA	OEMA/ <b>88325</b>	<b>170</b>
Town Car	80-90	RWD	N/A	N/A			OEMA	OEMA	
Zephyr	06	FWD/AW	OEMA, 67425	OEMA	91		N/A	67115/ <b>40920</b>	87/ <b>161</b>

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LUCID			REAR				FRONT			
Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page	Thrust Plate	CASTER/TOOL	CAMBER/TOOL	Page	
Air	22-24	RWD/4W	N/A	OEMA			N/A	OEMA		
<b>MAZDA</b>										
B-Series Pickup	98-10	RWD/4W	N/A	N/A		■	87500	87500	132/132	
B-Series Pickup	94-97	RWD/4W	N/A	N/A		■	23180(*)/87175, 77880 24180/ 74400,74500 87280(24)	23180(*)/87175, 77880 24180/ 74400,74500	71/169 167/167 77/77 166/166 130	
CX-3	16-21	FWD/AW	N/A	N/A			N/A	81260	119	
CX-30	20-24	FWD/AW	N/A	N/A	115		N/A	81260		
CX-5	13-24	FWD/AW	67416/85130	OEMA 67417/85130	91/169 91/169		N/A	81280	119	
CX50	23-24	FWD/AW	N/A	N/A			N/A	81280	119	
CX-7	07-12	FWD/AW	N/A	OEMA, 67418			OEMA	OEMA, 81260	119	
CX-9	16-22	FWD/AW	N/A	OEMA			N/A	81280	119	
CX-9	07-15	FWD/AW	OEMA	OEMA			N/A	81260	119	
GLC	82-85	FWD	81250	OEMA	119		N/A	OEMA, 81250	119	
GLC	77-83	RWD	N/A	N/A			N/A	N/A		
Millenia	95-02	FWD	OEMA	OEMA			N/A	OEMA		
MPV	89-07	FWD/AW	N/A	N/A			OEMA	OEMA, 81250	119	
MX-3	92-95	FWD	81250	OEMA	119		N/A	OEMA, 81250	119	
MX30	22-23	FWD/AW	N/A	N/A			N/A	81280	119	
MX-5 Miata (ND)	16-24	RWD	OEMA	OEMA			OEMA	OEMA		
MX-5 Miata (NC)	06-15	RWD	OEMA	OEMA			OEMA, 83185	OEMA, 83185	127/127	
MX-5 Miata (NA/NB)	90-05	RWD	OEMA, 83180	OEMA, 83180	127/127		OEMA, 83180	OEMA, 83180	127/127	
MX-6	88-97	FWD	81250	OEMA	119		OEMA	OEMA, 81250	119	
Navajo	91-94	RWD/4W	N/A	N/A			23180(*)/87175, 77880 24180/ 74400,74500 87280(24)	23180(*)/87175, 77880 24180/ 74400,74500	71/169 167/167 77/77 166/166 130	
Pickup	86-93	RWD/4W	N/A	N/A		■	47700(*)	47700(*)	80/80	
Protege	99-03	FWD/AW	81250	OEMA	119		OEMA	OEMA, 81250	119	
Protege	95-98	FWD/AW	81250	OEMA	119		OEMA	OEMA, 81250	119	
Protege	90-94	FWD/AW	81250	OEMA	119		OEMA	OEMA, 81250	119	
Protege5	02-03	FWD/AW	81250	OEMA	119		OEMA	OEMA, 81250	119	
RX-7	93-96	RWD	OEMA	OEMA			OEMA	OEMA		
RX-7	86-92	RWD	N/A	OEMA			OEMA	OEMA, 81250	119	
RX-7	80-85	RWD	N/A	N/A			OEMA	OEMA		
RX-8	05-12	RWD	OEMA	OEMA			OEMA	OEMA		
Tribute	01-11	FWD/AW	67285/37995	OEMA, 86130	89/169		OEMA	OEMA, 81250	119	
2	11-14	FWD	N/A	N/A			N/A	81250	119	
3	19-22	FWD/AW	N/A	N/A			N/A	N/A		
3	14-18	FWD	67415	OEMA, 67415 67417	91/91 91		N/A	81260	119	
3 Inc. Mazdaspeed 3	04-13	FWD	67420	OEMA, 67418	91		N/A	N/A		
323	90-94	FWD/AW	81250	OEMA	119		N/A	OEMA, 81250	119	
323	86-89	FWD/AW	81250	OEMA	119		N/A	OEMA, 81250	119	
5	12-15	FWD	67420	OEMA, 67418	91		N/A	N/A		
5	06-10	FWD	67420	OEMA, 67418	91		N/A	N/A		
5	06-10	FWD	67420	OEMA, 67418	91		N/A	N/A		
6	14-21	FWD	N/A	OEMA, 67418			N/A	81280	119	
6	09-13	FWD	67425	OEMA	91		N/A	N/A		
6 Inc. Mazdaspeed 6	03-08	FWD/AW	OEMA, 67425	OEMA	91		N/A	67115/40920	87/161	
626	83-02	FWD	81250	OEMA	119		OEMA	OEMA, 81250	119	
626	79-82	RWD	N/A	N/A			N/A	N/A		
929	92-95	RWD	OEMA	OEMA			N/A	OEMA		

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## CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

MAZDA-cont.			REAR			Thrust Plate	FRONT		
Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	Page
929	88-91	RWD	N/A	OEMA		OEMA	OEMA, 81250	119	

### MERCEDES-BENZ

**NOTE: ON ALL MERCEDES -MANUFACTURER RECOMMENDS TOOL #99918 FOR SETTING TOE (PG. 171)**

A-Class W177	19-22	FWD/AW	N/A	OEMA		N/A	N/A	
99918, rec by mfg for toe set.								
B-Class W246	12-17	FWD	N/A	OEMA		N/A	81260	119
99918, rec by mfg for toe set.								
B-Class W245	05-11	FWD	N/A	OEMA		N/A	81260	119
99918, rec by mfg for toe set.								
C-Class W206	22-24	RWD/AW	N/A	OEMA		N/A	N/A	
C-Class	16-21	RWD/AW	28855(32)/72509	OEMA	79/169	N/A	N/A	
W205/C205 Sedan & Coupe			76000		167			
C-Class	15	AWD	28855(32)/72509	OEMA	79/169	28815	28815, 81260	81/119
W204 4MATIC Coupe			76000		167			
C-Class W204 Coupe	15	RWD	28855(32)/72509	OEMA	79/169	28815	28815	81/79
			76000		167			
C-Class W205 Sedan	15-16	RWD/AW	28855(32)/72509	OEMA	79/169	N/A	N/A	
			76000		167			
C-Class W204 4MATIC	08-14	AWD	28855(32)/72509	OEMA	79/169	28815	28815, 81260	79/119
			76000		167			
C-Class W204	08-14	RWD	28855(32)/72509	OEMA	79/169	28815	28815, 81260	79/119
			76000		167			
C-Class W203 4MATIC	01-07	AWD	28840/72509	OEMA	79/169	28810	28810, 81260	79/119
			75990		167			
C-Class W203	01-07	RWD	28840/72509	OEMA	79/169	28810	28810	81
			75990		167			
C-Class W202	94-00	RWD/AW	28840/72509	OEMA	79/169	28815	28815	81
			75990		167			
C-Class W201	82-83	RWD/AW	N/A	OEMA		OEMA	OEMA	
CL-Class C216	07-14	RWD/AW	N/A	OEMA		N/A	N/A	
CL-Class C215	00-06	RWD	N/A	OEMA		28815	28815	81
CLA-Class C118	20-24	FWD/AW	N/A	OEMA		N/A	N/A	
CLA-Class C117	14-19	FWD/AW	N/A	OEMA		N/A	81260	119
CLK-Class W209	04-09	RWD	28840/72509,75990	OEMA	79/169/167	28810	28810	81
CLK-Class W208 Cabriolet03		RWD	28840/72509,75990	OEMA	79/169/167	28815	28815	81
CLK-Class W209 Coupe	03	RWD	28840/72509,75990	OEMA	79/169/167	28810	28810	81
CLK-Class W208	98-02	RWD	28840/72509,75990	OEMA	79/169/167	28815	28815	81
CLS-Class C257	19-24	RWD/AW	N/A	OEMA		N/A	N/A	
CLS-Class W218 4MATIC12-18		AWD	N/A	OEMA		28815	28815, 81260	79/115
CLS-Class W218	12-18	RWD	N/A	OEMA		28815	28815	81
CLS-Class W219	05-11	RWD	N/A	OEMA		28810	28810	81
E-Class	24-24	RWD/AW	N/A	OEMA		N/A	N/A	
W214 Sedan/Wagon								
E-Class C238-Coupe	18-23	RWD/AW	N/A	OEMA		N/A	N/A	
E-Class W213 Sedan	17-23	RWD/AW	N/A	OEMA		N/A	N/A	
E-Class	10-16	AWD	28855(32)/76000,	OEMA	79/167	28815	28815, 81260	79/115
W212/S212 4MATIC Sedan/Wagon			72509		169			
E-Class	10-16	RWD	28855(32)/72509,	OEMA	79/169	28815	28815	119
W212/S212 Sedan/Wagon			76000		167			
E-Class	10-17	AWD	28855(32)/72509,	OEMA	79/169	N/A	81260	115
A207/C207 4MATIC Coupe/Convertible			76000		167			
E-Class	10-17	RWD	28855(32)/72509,	OEMA	79/169	N/A	N/A	
			76000		167			
E-Class W211 4MATIC	03-09	AWD	28860(32)/72509,	OEMA	79/169	28815	28815	81
			76000		167			



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**BOLD PART NUMBER INDICATES PREFERRED CORRECTION METHOD • WEB = Check www.specprod.com for more information ■ = Thrust Plate, pg. 85**  
 Alignment Footnotes on page 68 • **N/A** = No Available Adjuster • **OEMA** = Original Equipment Manufacturer Adjustment • (\*) = Series P/N, see page for size  
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# CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

## MERCEDES-BENZ-cont.

### REAR

### FRONT

Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page	Thrust Plate	CASTER/TOOL	CAMBER/TOOL	Page
E-Class W211	03-09	RWD	28860(32)/72509, 76000	OEMA	79/169 167		28810	28810	81
E-Class W210	96-02	RWD/AW	28840/72509, 75990	OEMA	79/169 167		OEMA	OEMA	
E-Class W210-Wagon	96-02	RWD/AW	N/A	OEMA			OEMA	OEMA	
E-Class W124	86-95	RWD/AW	28840/72509, 75990	OEMA	79/169 167		OEMA	OEMA	
EQS -297	22-24	RWD/AW	N/A	OEMA			N/A	N/A	
G-Class W463	19-24	4WD	N/A	N/A			OEMA	OEMA	
G-Class 463	02-18	4WD	N/A	N/A			N/A	N/A	
GL-Class X166	13-19	AWD	OEMA	OEMA			N/A	N/A	
GL-Class X164	07-12	AWD	OEMA	OEMA			N/A	N/A	
GLA-Class H247	21-24	FWD/AW	N/A	OEMA			N/A	N/A	
GLA-Class H156	15-20	FWD/AW	N/A	OEMA			N/A	81260	
GLB-Class X247	20-24	FWD/AW	N/A	OEMA			N/A	N/A	
GLC-Class X254/C254	23-24	FWD/AW	N/A	OEMA			N/A	N/A	
GLC-Class X253/C253	16-22	RWD/AW	N/A	OEMA			N/A	N/A	
GLE-Class W167	20-24	AWD	OEMA	OEMA			N/A	N/A	
GLE-Class W166/C292 99918, rec by mfg for toe set	16-19	RWD/AW	OEMA	OEMA			N/A	N/A	
GLK-Class X204	09-15	RWD/4W	28850(32)/72509, 76000	OEMA	79/169 167		28815	28815, 81260	79/119
GLS-Class X166 X167	17-24	AWD	OEMA	OEMA			N/A	N/A	
M-Class W166	12-15	AWD	OEMA	OEMA			N/A	N/A	
M-Class W164	06-11	AWD	OEMA	OEMA			N/A	N/A	
M-Class W163	98-05	AWD	N/A	N/A			N/A	N/A	
Metris W447	16-23	RWD	N/A	OEMA			N/A	OEMA	
R-Class W251	06-12	RWD/AW	OEMA	OEMA			N/A	OEMA	
S-Class W221, W222, W223	06-24	RWD/AW	N/A	OEMA			N/A	N/A	
S-Class W220 4MATIC	99-05	AWD	N/A	OEMA			28815	28815	81
S-Class W220	99-05	RWD	N/A	OEMA			28810	28810	81
Sprinter Van 1500, 2500, 3500	19-24	RWD/AW	N/A	N/A			N/A	OEMA	
Sprinter Van	07-18	RWD/AW	N/A	N/A		■	N/A	35077	84
Sprinter Van	01-06	RWD	N/A	N/A		■	N/A	35075, 35076	84/84
SL-Class R231 <i>28810, only for Caster adjustment</i>	13-19	RWD	N/A	OEMA			28810	N/A	
SL-Class R230	03-12	RWD	N/A	OEMA			28810	28810	81
SL-Class R129	99-02	RWD	28840/72509, 75990	OEMA	79/169/167		OEMA	OEMA	
SL-Class R129	89-98	RWD	N/A	OEMA			OEMA	OEMA	
SLC-Class R172	17-20	RWD	N/A	OEMA			N/A	N/A	
SLK R172	12-16	RWD	N/A	OEMA			N/A	N/A	
SLK R171	05-11	RWD	28840/72509, 75990	OEMA	79/169/167		28810	28810	81
SLK R170	96-04	RWD	28840/72509, 75990	OEMA	79/169/167		28815	28815	81

## MERCURY

Capri	91-94	RWD	81250	OEMA	119		OEMA	OEMA, 81250	119
Capri	79-86	RWD	N/A	N/A			N/A	OEMA, <b>81280</b> 82120/85130	119 119/169
Comet <i>94009, upper ball joint pg. 155</i>	71-77	RWD	N/A	N/A			OEMA, 94213	OEMA, 83160, 94213	134/122/134
Comet <i>94009, upper ball joint pg. 155</i>	68-70	RWD	N/A	N/A			OEMA, 94213 94219, 94230	OEMA, 83160, 94213 94219	134/122/134 142/143
Comet <i>94009, upper ball joint pg. 155</i>	66-67	RWD	N/A	N/A			OEMA, 94213	47700(*), 94213	84/134
Comet <i>94009, upper ball joint pg. 155</i>	64-65	RWD	N/A	N/A			47700(*), 94218 94220	47700(*), 94218	84/134 134
Comet	60-63	RWD	N/A	N/A			47700(*)	47700(*)	84/84

# Applications

## CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

MERCURY-cont.			R E A R			F R O N T			
Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page	Thrust Plate	CASTER/TOOL	CAMBER/TOOL	Page
Cougar	99-02	FWD	N/A	OEMA			89675	89675	WEB/WEB
Cougar	89-97	RWD	OEMA	OEMA			OEMA	OEMA, 87535	WEB
Cougar	80-88	RWD	N/A	N/A			N/A	OEMA, <b>81280</b> 82120/ <b>85130</b>	119 119/ <b>169</b>
Cougar	74-79	RWD	N/A	N/A			OEMA	OEMA, 83160	122
Cougar <i>94009, upper ball joint pg. 155</i>	68-73	RWD	N/A	N/A			OEMA, 94213 94219, 94230	OEMA, 83160, 94213 94219	84/122/134 142/143
Cougar <i>94009, upper ball joint pg. 155</i>	67-67	RWD	N/A	N/A			OEMA, 94213	OEMA, 83160, 94213	84/122/134
Cyclone <i>94009, upper ball joint pg. 155</i>	66-71	RWD	N/A	N/A			OEMA, 94213	OEMA, 83160, 94213	84/122/134
Cyclone <i>94009, upper ball joint pg. 155</i>	64-65	RWD	N/A	N/A			47700(*), 94218 94220	47700(*), 94218	84/134 134
Grand Marquis	03-11	RWD	N/A	N/A			OEMA	OEMA, 87365/ <b>85130</b> <b>02099</b>	135/ <b>169</b> <b>176</b>
Grand Marquis	91-02	RWD	N/A	N/A			OEMA	OEMA/ <b>88325</b>	<b>170</b>
Grand Marquis	83-90	RWD	N/A	N/A			OEMA	OEMA	
Lynx	81-87	FWD	81250	OEMA			N/A	N/A	
LN7	82-85	FWD	81250	OEMA			N/A	N/A	
Marauder	03-04	RWD	N/A	N/A			OEMA	OEMA, 87365/ <b>85130</b> <b>02099</b>	135/ <b>169</b> <b>176</b>
Mariner	05-11	FWD/AW	67285/ <b>37995</b>	OEMA, <b>86130</b>	89/ <b>169/160</b>		OEMA	OEMA, 81250	119
Marquis	83-86	RWD	N/A	N/A			N/A	OEMA, <b>81280</b> 82120/ <b>85130</b>	119 119/ <b>169</b>
Milan	06-11	FWD/AW	OEMA, 67425	OEMA	91		N/A	67115/ <b>40920</b>	87/ <b>161</b>
Monarch	75-80	RWD	N/A	N/A			OEMA	OEMA, 83160	122
Montego <i>Stock Replacement Part</i>	05-07	AWD	67690 <b>12710</b>	OEMA	99 <b>149</b>		N/A	OEMA	
Montego	05-07	FWD	71760(*)	OEMA	102		N/A	OEMA	
Montego	66-71	RWD	N/A	N/A			OEMA	OEMA, 83160	122
Monterey	04-07	FWD	N/A	N/A			OEMA/ <b>68670</b>	OEMA, 89685/ <b>68670</b>	136/ <b>164</b>
Mountaineer	06-10	RWD/4W	OEMA	OEMA			OEMA	OEMA	
Mountaineer	02-05	RWD/4W	86180	OEMA	125		86140	86140	125/125
Mountaineer	96-01	RWD/4W	N/A	N/A			87310, 87500	87310, 87500	130/132
Mystique	95-00	FWD	N/A	OEMA			89675	89675	WEB/WEB
Sable <i>Stock Replacement Part</i>	08-09	AWD	67690 <b>12710</b>	OEMA	99 <b>149</b>		N/A	OEMA	
Sable	08-09	FWD	71760(*)	OEMA	102		N/A	OEMA	
Sable Wagon	96-05	FWD	87350/ <b>85130</b>	OEMA/ <b>97650</b>	135/ <b>169/171</b>		OEMA/ <b>68670</b>	OEMA 89635/ <b>68670</b>	<b>164</b> 136/ <b>164</b>
Sable Sedan <i>87325 Intended for use on OE product NOT intended for aftermarket parts.</i>	96-06	FWD	N/A	OEMA/ <b>87325</b>	<b>169</b>		OEMA/ <b>68670</b>	OEMA 89635/ <b>68670</b>	<b>164</b> 137/ <b>164</b>
Sable Sedan <i>87325 Intended for use on OE product NOT intended for aftermarket parts.</i>	86-95	FWD	N/A	OEMA/ <b>87325</b>	<b>169</b>		OEMA/ <b>68670</b>	OEMA 89635/ <b>68670</b>	<b>164</b> 137/ <b>164</b>
Sable Wagon	86-95	FWD	87350/ <b>85130</b>	OEMA/ <b>97650</b>	135/ <b>169/171</b>		OEMA/ <b>68670</b>	OEMA 89635/ <b>68670</b>	<b>164</b> 137/ <b>164</b>
Topaz	86-94	FWD/AW	81250	OEMA/ <b>87325</b>	119/ <b>169</b>		N/A	N/A	
Topaz	84-85	FWD/AW	81250	N/A	119		N/A	N/A	
Tracer	97-99	FWD	81250	N/A	119		N/A	OEMA, 81250	119
Tracer	95-96	FWD	81250	OEMA	119		OEMA	OEMA, 81250	119
Tracer	91-94	FWD	81250	OEMA	115		OEMA	OEMA, 81250	115
Tracer	87-90	FWD	81250	OEMA	115		N/A	OEMA, 81250	119



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 Alignment Footnotes on page 68 • N/A = No Available Adjuster • OEMA = Original Equipment Manufacturer Adjustment • (\*) = Series P/N, see page for size  
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### MERCURY-cont.

### REAR

### FRONT

Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page	Thrust Plate	CASTER/TOOL	CAMBER/TOOL	Page
Villager	93-02	FWD	75400(1)	75400(1)			N/A	81250	119
Zephyr	78-83	RWD	N/A	N/A			N/A	OEMA, <b>81280</b> 82120/ <b>85130</b>	119 119/169

### MITSUBISHI

i-MiEV	12-17	RWD	N/A	N/A			N/A	81250	119
Diamante	97-04	FWD	73620(8)	OEMA	117		N/A	81250	119
Diamante	92-96	FWD/AW	OEMA	OEMA			N/A	81250	119
Eclipse	06-12	FWD	OEMA	OEMA			N/A	81280	119
Eclipse	00-05	FWD	73620(8)	OEMA	117		N/A	81280, 82120/ <b>85130</b>	119/119/169
Eclipse	95-99	FWD/AW	73620(8)	OEMA	117		N/A	67170/ <b>40920</b>	87/161
Eclipse	90-94	AWD	OEMA	OEMA			N/A	81250	119
Eclipse	90-94	FWD	N/A	N/A			N/A	81250	119
Eclipse Cross	18-24	FWD/AW	N/A	OEMA			N/A	81260	119
Endeavor	04-11	FWD/AW	OEMA	OEMA			N/A	81280	119
Expo	92-95	FWD/AW	N/A	OEMA			N/A	81250	119
Expo LRV	92-94	FWD/AW	N/A	OEMA			N/A	81250	119
Galant	04-12	FWD	OEMA	OEMA			N/A	81280	119
Galant	99-03	FWD/AW	73620(8)	OEMA	117		N/A	<b>81280</b> , 82120/ <b>85130</b>	119/119/169
Galant	94-98	FWD/AW	73620(8)	OEMA	117		N/A	<b>67170/40920</b>	87/161
Galant	85-93	FWD	N/A	N/A			N/A	81250	119
Lancer	08-17	FWD/AW	67455	OEMA	94		N/A	81260	119
Lancer	02-07	FWD/AW	N/A	OEMA			N/A	81260	119
Lancer Evolution	02-15	AWD	OEMA	OEMA			N/A	81260	119
Mighty Max	86-98	RWD/4W	N/A	N/A			47700(*)	47700(*)	84/84
Mirage incl. G4	14-22	FWD	N/A	N/A			N/A	81250	119
Mirage	94-03	FWD	OEMA	OEMA			N/A	81250	115
Mirage	85-93	FWD/AW	N/A	N/A			N/A	81250	119
Montero	01-06	FWD/AW	OEMA	OEMA			47700(*)	47700(*)	84/84
Montero Sport	97-04	RWD/4W	N/A	N/A			OEMA	OEMA	
Outlander	07-20	FWD/AW	67455	OEMA	94		N/A	81260	119
Outlander	03-06	FWD/AW	N/A	OEMA			N/A	81260	119
Outlander Sport	11-21	FWD/AW	67455	OEMA	94		N/A	81260	119
Precis	87-93	FWD	N/A	N/A			OEMA	81250	119
Raider	06-09	RWD/4W	N/A	N/A			OEMA, 82400	OEMA, 82400	122
RVR	10-15	FWD/AW	67455	OEMA	94		N/A	81260	119
Starion	83-89	RWD	N/A	OEMA			OEMA	N/A	
Tredia	83-88	FWD/AW	N/A	N/A			OEMA	81250	119
Van	87-91	FWD	N/A	N/A			N/A	OEMA	
3000GT	90-99	FWD/AW	OEMA	OEMA			N/A	OEMA, 81250	119

### MINI

Cooper Convertible F57	16-24	FWD	OEMA, 67108	OEMA/ <b>87566</b>	86/170		N/A	N/A	
Cooper Hardtop F55/F56	14-24	FWD	OEMA, 67108	OEMA/ <b>87566</b>	86/170		N/A	N/A	
Cooper Convertible R57	09-15	FWD	OEMA, 67610/ <b>87560</b>	OEMA/ <b>87566</b>	87/170		N/A	N/A	
Cooper Hardtop R55/R5607-13		FWD	OEMA, 67610/ <b>87560</b>	OEMA/ <b>87566</b>	87/170		N/A	N/A	
Cooper JCW GP	07-13	FWD	OEMA, 67610/ <b>87560</b>	OEMA/ <b>87566</b>	87/170		N/A	N/A	
Cooper Convertible R52	04-08	FWD	OEMA, 67610/ <b>87560</b>	OEMA/ <b>87566</b>	87/170		N/A	N/A	
Cooper Hardtop R50/R53 before 3/02	02	FWD	OEMA, 67610/ <b>87560</b>	OEMA/ <b>87566</b>	87/170		N/A	N/A	
Cooper Hardtop R50/R53 after 3/02	02-06	FWD	OEMA, 67610/ <b>87560</b>	OEMA/ <b>87566</b>	87/170		N/A	N/A	
Cooper Clubman F54	16-24	FWD	OEMA, 67610/ <b>87560</b>	OEMA/ <b>87566</b>	87/170		N/A	N/A	
Cooper Clubman R55	08-14	FWD	OEMA, 67610/ <b>87560</b>	OEMA/ <b>87566</b>	87/170		N/A	N/A	
Cooper Countryman F60	17-24	FWD/AW	OEMA, 67108	OEMA/ <b>87566</b>	87/170		N/A	N/A	
Cooper Countryman R60	11-16	FWD/AW	OEMA, 67108/ <b>87560</b> , <b>87575</b>	OEMA/ <b>87566</b> , <b>87575</b>	87/170 170		N/A	N/A	
Cooper Paceman R61	13-16	FWD/AW	OEMA, 67610/ <b>87560</b>	OEMA/ <b>87566</b>	87/170		N/A	N/A	

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# CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

MINI-cont.			REAR			Thrust Plate	FRONT		
Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	Page
			<b>87575</b>	<b>87575</b>	<b>170</b>				
Coupe Incl. Roadster R58/R59	12-15	FWD	OEMA, 67610/ <b>87560</b>	OEMA/ <b>87566</b>	87/170		N/A	N/A	
<b>NISSAN</b>									
Altima	19-24	AWD	OEMA	OEMA			N/A	N/A	
Altima	19-24	FWD	OEMA, 72295	OEMA, 72285	109/112		N/A	N/A	
Altima Sedan	13-18	FWD	OEMA, 72295	OEMA	109		N/A	81260	
Altima Sedan	07-12	FWD	OEMA, 72055 <b>72290/85130</b>	OEMA, 72055 <b>72290/85130</b>	105 109/169		N/A	81260	
Altima Coupe	07-13	FWD	OEMA, 72055 72290/ <b>85130</b>	OEMA, 72055 72290/ <b>85130</b>	105 109/169		N/A	81260	
Altima	02-06	FWD	OEMA, 72050 72055/ <b>85130</b> 72052	OEMA, <b>72050</b> 72055/ <b>85130</b> 72052	107 105/169 104		N/A	81260	
Altima	93-01	FWD	81250	OEMA	119		N/A	81250	
Armada	17-24	RWD/4W	OEMA	OEMA			OEMA, 87520 25560( <b>36</b> )	OEMA, 87520 25560( <b>36</b> )	
Armada	04-15	RWD/4W	OEMA	OEMA			25560, 87520	25560, 87520	
Axxess	90-95	FWD/AW	N/A	OEMA			N/A	81250	
B110	70-73	RWD	N/A	N/A			N/A	N/A	
B210	73-78	RWD	N/A	N/A			N/A	N/A	
Cube <i>NOTE: Vehicles with rear disc brakes may also need pn, 75970</i>	09-14	FWD	75610( <b>1</b> )	75610( <b>1</b> )	114/114		N/A	81260	
Frontier <b>Stock Replacement Part</b>	05-24	RWD/4W	N/A	N/A		■	25540, 87520 21035	25540, 87520	
Frontier	98-04	RWD/4W	N/A	N/A		■	OEMA, 87515	OEMA, 87515	
GT-R	09-24	AWD	OEMA	OEMA			OEMA	OEMA	
Juke	11-17	AWD	OEMA, 87505	OEMA			N/A	81260	
Juke	11-17	FWD	71000(*), 71715	71000(*), 71715	100/100		N/A	81260	
Kicks	18-24	FWD	N/A	N/A			N/A	81260	
Leaf	18-24	FWD	71000(*), 71715	71000(*), 71715			N/A	81260	
Leaf	11-17	FWD	71000(*)	71000(*)	100/100		N/A	81260	
Maxima	16-24	FWD	OEMA, 72295	OEMA, 72285	109/112		N/A	81260	
Maxima	04-14	FWD	OEMA, <b>72050</b> 72055/ <b>85130</b> 72052	OEMA, <b>72050</b> 72055/ <b>85130</b> 72052	104/104 105/169 104		N/A	81260	
Maxima	95-03	FWD	N/A	N/A			N/A	81260	
Maxima	85-94	FWD	N/A	OEMA			N/A	81250	
Maxima	82-84	RWD	N/A	N/A			N/A	83115/ <b>73010(4)</b>	
Murano Inc. CrossCabriolet	03-24	FWD/AW	OEMA	OEMA			N/A	81260	
NV 1500/2500/3500/Passenger Van	12-21	RWD	N/A	N/A			OEMA 87525	OEMA 87525	
NV200	13-21	FWD	N/A	N/A			N/A	81260	
NX	91-94	FWD	81250	OEMA	119		N/A	81250	
Pathfinder	13-24	FWD/AW	OEMA	OEMA			N/A	81260	
Pathfinder <b>Stock Replacement Part</b>	05-12	RWD/4W	OEMA	OEMA			25540, 87520 21035	25540, 87520	
Pathfinder	96-04	RWD/4W	N/A	N/A			N/A	81260	
Pathfinder	87-95	RWD/4W	N/A	N/A			35080(*)	35080(*)	
Pickup	86-97	RWD/4W	N/A	N/A		■	35080(*)	35080(*)	
Pulsar	87-90	FWD	81250	OEMA	119		N/A	OEMA, 81250	
Pulsar	83-86	FWD	N/A	N/A			N/A	81250	



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**BOLD PART NUMBER INDICATES PREFERRED CORRECTION METHOD • WEB = Check www.specprod.com for more information ■ = Thrust Plate, pg. 85**  
 Alignment Footnotes on page 68 • N/A = No Available Adjuster • OEMA = Original Equipment Manufacturer Adjustment • (\*) = Series P/N, see page for size  
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NISSAN-cont.			REAR			Thrust Plate	FRONT		
Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	Page
Quest	04-17	FWD	OEMA	OEMA			N/A	81260	119
Quest	93-02	FWD	75400(1)	75400(1)	114/114		N/A	81250	119
Rogue	21-24	FWD/AW	OEMA	OEMA			N/A	N/A	
Rogue	14-20	FWD/AW	OEMA, 87505	OEMA, 87510	136/136		N/A	N/A	
Rogue	08-13	FWD/AW	87505	OEMA	136		N/A	81260	119
Rogue Select	14-15	FWD/AW	87505	OEMA	136		N/A	81260	119
Rogue Sport	17-22	FWD/AW	OEMA, 87505	OEMA, 87510	136/136		N/A	N/A	
Sentra	20-24	FWD	OEMA	OEMA, 72285			N/A	N/A	
Sentra	13-19	FWD	75610(1)	75610(1)	114/114		N/A	81260	119
<i>NOTE: Vehicles with rear disc brakes may also need pn, 75970</i>									
Sentra	07-12	FWD	71700(*)	71700(*)	84/84		N/A	81260	119
Sentra	95-06	FWD	N/A	N/A			N/A	81250	119
Sentra Wagon	87-90	4WD	81250	OEMA	119		N/A	OEMA, 81250	119
Sentra	87-94	FWD	81250	OEMA	119		N/A	OEMA, 81250	119
Sentra	83-86	FWD	N/A	N/A			N/A	81250	119
Stanza	87-92	FWD	N/A	OEMA			N/A	81250	119
Stanza Wagon	85-88	FWD	N/A	N/A			N/A	81250	119
Stanza Wagon	85-88	4WD	81260	OEMA	119		N/A	81250	119
Stanza	82-86	FWD	N/A	OEMA			N/A	81250	119
Titan Except XD	16-24	RWD/4W	N/A	N/A		■	OEMA, 25560 87520	OEMA, 25560 87520	78/78 132
Titan XD only	16-24	RWD/4W	N/A	N/A		■	OEMA,87525	OEMA, 87525	133
Titan	04-15	RWD/4W	N/A	N/A		■	25560, 87520 21035	25560, 87520	78/132 149
<b>Stock Replacement Part</b>									
Versa	20-24	FWD	N/A	N/A			N/A	81260	119
Versa	12-19	FWD	71860(*), 75210(1)	75210(1)	103/118		N/A	81260	115
Versa	07-11	FWD	75610(1)	75610(1)	114		N/A	81260	119
<i>NOTE: Vehicles with rear disc brakes may also need pn, 75970</i>									
Versa Note	12-19	FWD	71860(*), 75210(1)	75210(1)	103/118		N/A	81260	119
Xterra	05-19	RWD/4W	N/A	N/A		■	25540, 87520 21035	25540, 87520	78/132 149
<b>Stock Replacement Part</b>									
Xterra	00-04	RWD/4W	N/A	N/A			OEMA, 87515	OEMA, 87515	132/132
Z	23-24	RWD	N/A	OEMA			N/A	N/A	
200SX (B14)	94-98	FWD	N/A	N/A			N/A	81250	119
200SX (S12)	84-88	RWD	N/A	OEMA			N/A	83115/ <b>73010(4)</b>	WEB/ <b>169</b>
200SX (S110)	80-83	RWD	N/A	N/A			N/A	N/A	
210	79-83	RWD	N/A	N/A			N/A	N/A	
240SX (S14)	95-98	RWD	OEMA, 67775, 67776	OEMA, 67740	99/99/99		67720	OEMA, 81250	119
240SX (S13)	89-94	RWD	OEMA, 67765	OEMA, 67740	99/97		67720	OEMA, 81250	119
240Z	71-73	RWD	N/A	N/A			N/A	83115/ <b>73010(4)</b>	WEB/ <b>169</b>
260Z	74	RWD	N/A	N/A			N/A	83115/ <b>73010(4)</b>	WEB/ <b>169</b>
280Z	75-78	RWD	N/A	N/A			N/A	83115/ <b>73010(4)</b>	WEB/ <b>169</b>
280ZX	79-83	RWD	N/A	N/A			N/A	83115/ <b>73010(4)</b>	WEB/ <b>169</b>
300ZX	90-96	RWD	OEMA, 67765	OEMA	99		N/A	83115/ <b>73010(4)</b>	WEB/ <b>169</b>
300ZX	84-89	RWD	N/A	OEMA			N/A	83115/ <b>73010(4)</b>	WEB/ <b>169</b>
310	79-82	RWD	N/A	N/A			N/A	N/A	
350Z	03-08	RWD	OEMA, <b>72050</b> 72052 72055/ <b>85130</b>	OEMA, <b>72050</b> 72052 72055/ <b>85130</b>	104/104 104/104 105/ <b>169</b>		72127 73000/ <b>8370</b>	72127 73000/ <b>8370</b>	106/106 112/ <b>158</b>
370Z	09-20	RWD	OEMA, <b>72260</b> 72265/ <b>85130</b> 72262	OEMA, <b>72260</b> 72265/ <b>85130</b> 72262	108/108 108/ <b>169</b> 108		72130, 73005	72130, 73005	106/112
510	78-81	RWD	N/A	N/A			N/A	N/A	
810	77-83	RWD	N/A	N/A			N/A	83115/ <b>73010(4)</b>	WEB/ <b>169</b>

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OLDSMOBILE			REAR			Thrust Plate	FRONT		
Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	Page
Achieva	96-98	FWD	75400(1)	75400(1)	114/114	N/A	81260	119	
Achieva	92-95	FWD	75400(1)	75400(1)	114/114	N/A	<b>81280</b> , 82120/ <b>85130</b>	119/119/ <b>169</b>	
Alero	99-04	FWD	81250	OEMA	119	N/A	81260	119	
Aurora	95-03	FWD	75600(1) 75800(1)	OEMA, 75600(1) 75800(1)	114/114 114/114	OEMA	<b>81280/85130</b> 82120/ <b>85130</b>	119/ <b>169</b> 119/ <b>169</b>	
Bravada	02-04	RWD/4W	N/A	N/A		OEMA/ <b>83785</b>	OEMA/ <b>83785</b>	<b>173/173</b>	
Bravada	91-01	4WD	N/A	N/A		OEMA, 83710	OEMA, 83710	127/127	
Custom Cruiser	80-92	RWD	N/A	N/A		47700(*)	47700(*)	84/84	
Cutlass	97-99	FWD	81250	OEMA		N/A	81260	119	
Cutlass Calais	85-91	FWD	75400(1)	75400(1)	114/114	N/A	<b>81280</b> , 82120/ <b>85130</b>	119/119/ <b>169</b>	
Cutlass Ciera	82-96	FWD	75600(1), 75800(1)	75600(1), 75800(1)	114/114	N/A	82120/ <b>85130</b>	119/ <b>169</b>	
Cutlass Cruiser	82-96	FWD	75600(1), 75800(1)	75600(1), 75800(1)	114/114	N/A	82120/ <b>85130</b>	119/ <b>169</b>	
Cutlass Supreme	88-97	FWD	<b>81280</b> 82120/ <b>85130</b>	OEMA/ <b>83850</b>	119/ <b>169</b> 119/ <b>169</b>	N/A	N/A		
Cutlass Supreme	78-88	RWD	N/A	N/A		47700(*), 97140 95336( <b>22</b> )	47700(*), 97140	84/143 143	
<i>94006, upper ball joint pg. 155</i> <i>94011, lower joint pg. 155</i>									
Cutlass Supreme	73-77	RWD	N/A	N/A		47700(*), 97130 94378( <b>22</b> )	47700(*), 97130	84/143 143	
<i>94006, upper ball joint pg. 155</i> <i>94017, 1/2" ext upper ball joint pg. 155</i> <i>94011, lower ball joint pg. 155</i>									
Cutlass Supreme	64-72	RWD	N/A	N/A		47700(*), 97110 94344( <b>22</b> )	47700(*), 97110	84/143 143	
<i>94001, upper ball joint pg. 155</i>									
Firenza	82-89	FWD	75400(1)	75400(1)	114/114	N/A	<b>81280</b> , 82120/ <b>85130</b>	119/119/ <b>169</b>	
Intrigue	97-02	FWD	81260	OEMA/ <b>83850</b>	119/ <b>169</b>	N/A	81260	119	
LSS	98-99	FWD	<b>81280</b> , 82120/ <b>85130</b>	OEMA	119/119/ <b>169</b>	OEMA	<b>81280</b> , 82120/ <b>85130</b>	119/119/ <b>169</b>	
Omega	80-84	FWD	75400(1)	75400(1)		N/A	82120/ <b>85130</b>	119/ <b>169</b>	
Omega	75-79	RWD	N/A	N/A		47700(*), 97130 94378( <b>22</b> )	47700(*), 97130	84/143 143	
<i>94006, upper ball joint pg. 155</i> <i>94017, 1/2" ext upper ball joint pg. 155</i> <i>94011, lower ball joint pg. 155</i>									
Regency	97-99	FWD	<b>81280</b> , 82120/ <b>85130</b>	OEMA	119/119/ <b>169</b>	OEMA	<b>81280</b> , 82120/ <b>85130</b>	119/119/ <b>169</b>	
Silhouette	02-04	AWD	OEMA	OEMA		N/A	81260	119	
Silhouette	97-04	FWD	75600(1), 75800(1)	75600(1), 75800(1)	114/114	N/A	81260	119	
Silhouette	90-96	FWD	75600(1), 75800(1)	75600(1), 75800(1)	114/114	N/A	82120/ <b>85130</b>	119/ <b>169</b>	
Toronado	86-92	FWD	75600(1) 75800(1)	OEMA, 75600(1) 75800(1)/ <b>83775</b>	114/114 114/ <b>173</b>	OEMA	OEMA, <b>81280</b> 82120/ <b>85130</b>	119 119/ <b>169</b>	
Toronado	78-95	FWD	75600(1) 75800(1)	OEMA, 75600(1) 75800(1)/ <b>83775</b>		OEMA	OEMA		
442	64-72	RWD	N/A	N/A		47700(*), 97110 94344( <b>22</b> )	47700(*), 97110	84/143 143	
<i>94001, upper ball joint pg. 155</i>									
88	86-99	FWD	<b>81280</b> , 82120/ <b>85130</b>	OEMA	119/119/ <b>169</b>	OEMA/ <b>85130</b>	<b>81280</b> , 82120/ <b>85130</b>	119/119/ <b>169</b>	
88 'B' Body	78-95	RWD	N/A	N/A		47700(*), 97130 94378( <b>22</b> )	47700(*), 97130	84/143 143	
<i>94006, upper ball joint pg. 155</i> <i>94017, 1/2" ext upper ball joint pg. 155</i> <i>94011, lower ball joint pg. 155</i>									
88	71-77	RWD	N/A	N/A		47700(*), 97130 94378( <b>22</b> )	47700(*), 97130	84/143 143	
<i>94006, upper ball joint pg. 155</i> <i>94017, 1/2" ext upper ball joint pg. 155</i> <i>94011, lower ball joint pg. 155</i>									
98	85-99	FWD	<b>81280</b> , 82120/ <b>85130</b>	OEMA	119/119/ <b>169</b>	OEMA	<b>81280</b> , 82120/ <b>85130</b>	119/119/ <b>169</b>	
98	77-84	RWD	N/A	N/A		47700(*)	47700(*)	84/84	



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### PLYMOUTH

Model/Body Style	Year	Drive Type	REAR			Thrust Plate	FRONT		
			CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	Page
Acclaim	89-94	FWD	75200(1)	75200(1)	114/114		N/A	OEMA, 83170/85130	127/169
All Passenger B & E Bodies	62-64	RWD	N/A	N/A			OEMA, 97300	OEMA, 97300	143/143
All Passenger Car Models Except B & E	60-73	RWD	N/A	N/A			OEMA, 83160	OEMA, 83160	122/122
Barracuda	70-74	RWD	N/A	N/A			OEMA, 97300	OEMA, 97300	143/143
Belvedere	65-70	RWD	N/A	N/A			OEMA, 97300	OEMA, 97300	143/143
Breeze	96-00	FWD	OEMA	OEMA			N/A	67180/40920	87/161
Caravelle	84-88	FWD	75200(1)	75200(1)	114/114		N/A	OEMA, 83170/85130	127/169
Colt Vista	92-94	FWD	N/A	OEMA			N/A	81250	119
Colt Vista	85-94	4WD	N/A	OEMA			OEMA	81250	119
Colt Vista	84-91	FWD	N/A	N/A			N/A	81250	119
Conquest	84-86	RWD	N/A	N/A			N/A	N/A	
Duster	73-76	RWD	N/A	N/A			OEMA, 97300	OEMA, 97300	143/143
Gran Fury	65-89	RWD	N/A	N/A			OEMA	OEMA	
GTX	67-71	RWD	N/A	N/A			OEMA, 97300	OEMA, 97300	143/143
Horizon	78-90	FWD	75200(1)	75200(1)	114/114		N/A	OEMA, 83170/85130	127/169
Laser	92-94	AWD	OEMA	OEMA			N/A	81250	119
Laser	89-94	FWD	N/A	N/A			N/A	81250	119
Neon	94-01	FWD	81250, 67210	OEMA, 67210	119/88		N/A	81260	119
Prowler	97-02	RWD	N/A	N/A			OEMA	OEMA	
Reliant	81-89	FWD	75200(1)	75200(1)	114/114		N/A	OEMA, 83170/85130	127/169
Roadrunner	68-72	RWD	N/A	N/A			OEMA, 97300	OEMA, 97300	143/143
Sapporo	80-83	RWD	N/A	N/A			N/A	N/A	
Satellite	65-72	RWD	N/A	N/A			OEMA, 97300	OEMA, 97300	143/143
Scamp	82-85	FWD	75200(1)	75200(1)	114/114		N/A	OEMA, 83170/85130	127/169
Sundance	87-94	FWD	75200(1)	75200(1)			N/A	OEMA, 83170/85130	127/169
Trailduster	74-81	RWD	N/A	N/A			OEMA, 83160	OEMA, 83160	119
Trailduster	74-81	4WD	N/A	N/A		■	23000(*)/4169	23000(*)/4169	70/162
Turismo	79-87	FWD	75200(1)	75200(1)	114/114		N/A	OEMA, 83170/85130	127/169
Valiant	73-76	RWD	N/A	N/A			OEMA, 97300	OEMA, 97300	143/143
Voyager	96-01	AWD	N/A	N/A			N/A	OEMA, 83170/85130	127/169
Voyager	96-01	FWD	71700(*)	71700(*)	84/84		N/A	OEMA, 81260, 83170/85130	119 127/169
Voyager	90-95	AWD	N/A	N/A			N/A	OEMA, 83170/85130	127/169
Voyager	84-95	FWD	75400(1)	75400(1)	114/114		N/A	OEMA, 83170/85130	127/169

### POLESTAR

1	19-22	AWD	N/A	OEMA			N/A	N/A	
2	21-24	FWD/AW	N/A	OEMA			N/A	N/A	

### PONTIAC

Aztek	01-06	AWD	OEMA	OEMA			N/A	81260	119
Aztek	01-06	FWD	75600(1), 75800(1)	75600(1), 75800(1)	114/114		N/A	81260	119
Bonneville	00-05	FWD	75600(1) 75800(1)	OEMA, 75600(1) 75800(1)			N/A	81280, 82120/85130	119/119/169
Bonneville	87-99	FWD	81280, 82120/85130	OEMA	119/119/169		OEMA/85130	81280, 82120/85130	119/119/169
Bonneville	82-86	RWD	N/A	N/A			47700(*), 97140 95336(22)	47700(*), 97140	84/143 143
<i>94006, upper ball joint pg. 155 94011 lower ball joint pg. 155</i>									
Bonneville	77-81	RWD	N/A	N/A			47700(*), 97130 94378(22)	47700(*), 97130	84/143 135
<i>94011, lower ball joint pg. 155</i>									
Bonneville	71-76	RWD	N/A	N/A			47700(*), 97130 94378(22)	47700(*), 97130	84/143 135
<i>94006, upper ball joint pg. 155 94017, 1/2" ext upper ball joint pg. 155 94011, lower ball joint pg. 155</i>									
Catalina	65-81	RWD	N/A	N/A			47700(*)	47700(*)	84/84
Fiero	84-88	RWD	82110/85130	OEMA	119/169		OEMA	OEMA	

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# CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

PONTIAC-cont.			REAR			Thrust Plate	FRONT		Page
Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	
Firebird	93-02	RWD	N/A	N/A		OEMA/83775	OEMA/83775	173	
Firebird F-Body	82-92	RWD	N/A	N/A		OEMA	OEMA, <b>81280</b> 82120/85130	119 119/169	
Firebird F-Body <i>94017, upper ball joint pg. 155</i> <i>94011 lower ball joint pg. 155</i>	70-81	RWD	N/A	N/A		47700(*), 97130 94378(22)	47700(*), 97130	84/143 135	
Firebird F-Body <i>94001 upper ball joint pg. 155</i>	67-69	RWD	N/A	N/A		47700(*), 97120 94374(22)	47700(*), 97120	84/143 135	
Firefly	85-91	FWD	N/A	N/A		N/A	81250	119	
Grand Am	99-05	FWD	81250	OEMA	119	N/A	81260	119	
Grand Am	96-98	FWD	75400(1)	75400(1)	114/114	N/A	81260	119	
Grand Am	88-95	FWD	75400(1)	75400(1)	114/114	N/A	<b>81280</b> , 82120/85130	119/119/169	
Grand Am <i>94006, upper ball joint pg. 155</i> <i>94011 lower ball joint pg. 155</i>	78-80	RWD	N/A	N/A		47700(*), 97140 95336(22)	47700(*), 97140	84/143 143	
Grand Am <i>94017, upper ball joint pg. 155</i> <i>94011 lower ball joint pg. 155</i>	73-75	RWD	N/A	N/A		47700(*), 97130 94378(22)	47700(*), 97130	84/143 135	
Grand Prix	97-08	FWD	81260	OEMA	119	N/A	81260	119	
Grand Prix	95-96	FWD	<b>81280</b> , 82120/85130	OEMA/83850	119/119/169	N/A	N/A/85130	169	
Grand Prix	88-94	FWD	81280	OEMA	119	N/A	N/A/85130	169	
Grand Prix <i>94006, upper ball joint pg. 155</i> <i>94011 lower ball joint pg. 155</i>	78-87	RWD	N/A	N/A		47700(*), 97140 95336(22)	47700(*), 97140	84/143 143	
Grand Prix <i>94006, upper ball joint pg. 155</i> <i>94017, 1/2" ext upper ball joint pg. 155</i> <i>94011, lower ball joint pg. 155</i>	73-77	RWD	N/A	N/A		47700(*), 97130 94378(22)	47700(*), 97130	84/143 135	
Grand Prix	65-72	RWD	N/A	N/A		47700(*)	47700(*)	84/84	
GTO	04-06	RWD	N/A	OEMA		OEMA	OEMA, 81260	119	
GTO <i>94001, upper ball joint pg. 155</i>	64-72	RWD	N/A	N/A		47700(*), 97110 94344(22)	47700(*), 97110	84/143 135	
G3 Wave	05-10	FWD	75200(15)	75200(15)	114/114	N/A	81250	119	
G5	07-09	FWD	75400(1)	75400(1)	114/114	N/A	81250	119	
G6	05-10	FWD	OEMA, 75400(17) 82100	OEMA, 75400(17) 82100	114/114 118/118	N/A	81250	119	
G8	08-09	RWD	OEMA, 87430	OEMA, 87430	132/132	OEMA	81260	119	
LeMans	88-94	FWD	N/A	N/A		N/A	N/A		
LeMans <i>94006, upper ball joint pg. 155</i> <i>94011 lower ball joint pg. 155</i>	78-81	RWD	N/A	N/A		47700(*), 97140 95336(22)	47700(*), 97140	84/143 143	
LeMans <i>94017, upper ball joint pg. 155</i> <i>94011 lower ball joint pg. 155</i>	73-77	RWD	N/A	N/A		47700(*), 97130 94378(22)	47700(*), 97130	84/143 135	
LeMans <i>94001, upper ball joint pg. 155</i>	64-72	RWD	N/A	N/A		47700(*), 97110 94344(22)	47700(*), 97110	84/143 135	



**FOR THE MOST RECENT APPLICATION INFORMATION AND NEWEST PARTS VISIT OUR WEBSITE - WWW.SPECPROD.COM OR CHECK OUT OUR ALIGNGUIDE™ APP (PG 177)**

**BOLD PART NUMBER INDICATES PREFERRED CORRECTION METHOD • WEB = Check www.specprod.com for more information ■ = Thrust Plate, pg. 85**  
 Alignment Footnotes on page 68 • N/A = No Available Adjuster • OEMA = Original Equipment Manufacturer Adjustment • (\*) = Series P/N, see page for size  
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# Applications

## CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

### PONTIAC-cont.

### REAR

### FRONT

Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page	Thrust Plate	CASTER/TOOL	CAMBER/TOOL	Page
Montana	02-07	AWD	OEMA	OEMA			N/A	81260	119
Montana	97-02	FWD	75600(1), 75800(1)	75600(1), 75800(1)	114/114		N/A	81260	119
Phoenix	80-84	FWD	75400(1)	75400(1)	114/114		N/A	82110/85130	119/169
Safari SW	80-89	RWD	N/A	N/A			47700(*)	47700(*)	84/84
Solstice	06-10	RWD	OEMA, 82070	OEMA, 82070	118/118		OEMA, 82070	OEMA, 82070	118/118
Sunbird	82-94	FWD	75400(1)	75400(1)	114/114		N/A	81280, 82110/85130	119/119/169
Sunfire	95-06	FWD	75400(1)	75400(1)	114/114		N/A	81260	119
Tempest	95-06	FWD	75400(1)	75400(1)	114/114		N/A	81260	119
Tempest	64-70	RWD	N/A	N/A			47700(*), 97110 94344(22)	47700(*), 97110	84/143 135
<i>94001, upper ball joint pg. 155</i>									
Torrent	06-09	FWD/AW	OEMA, 87420	OEMA, 87420	135/135		N/A	81260	119
Trans Am F-Body	93-02	RWD	N/A	N/A			OEMA/83775	OEMA/83775	173/173
Trans Am F-Body	82-92	RWD	N/A	N/A			OEMA	OEMA, 81280 82110/85130	119/169
Trans Am F-Body	70-81	RWD	N/A	N/A			47700(*), 97130 94378(22)	47700(*), 97130	84/143 135
<i>94017, upper ball joint pg. 155 94011 lower ball joint pg. 155</i>									
Trans Am F-Body	69	RWD	N/A	N/A			47700(*), 97120 94374(22)	47700(*), 97120	84/143 135
<i>94001 upper ball joint pg. 155</i>									
Trans Sport	97-99	FWD	75600(1)	75600(1)	114/114		N/A	81260	119
Trans Sport	90-96	FWD	75600(1), 75800(1)	75600(1), 75800(1)	114/114		N/A	82110/85130	119/169
T1000	81-87	RWD	N/A	N/A			OEMA	OEMA	
Vibe w/ Independent Rear Suspension	09-10	FWD	OEMA, 67440	OEMA	92		N/A	81290	119
Vibe	03-10	AWD	OEMA, 67440	OEMA	92		N/A	81290	119
Vibe w/o Independent Rear Suspension <i>NOTE: Vehicles with rear disc brakes may also need pn, 75970</i>	03-10	FWD	75610(1)	75610(1)	114/114		N/A	81290	119
6000	82-91	FWD	75600(1), 75800(1)	75600(1), 75800(1)	114/114		N/A	82110/85130	119/169

### PORSCHE

Boxster (981) <i>72630 can adjust setback.</i>	13-16	RWD	OEMA/37995	OEMA, 72645	112/160		N/A	OEMA, 72610(34)/72120	111/169
Boxster (987) <i>72630 can adjust setback.</i>	05-12	RWD	OEMA, 72600 72610/ 37995,72120	OEMA, 72600 72630(34), 72640 72645	111/111 111/111/111 112/160/169		72630(34)	OEMA, 72610(34)/72120	111/165
Boxster (986) <i>72630 can adjust setback.</i>	97-04	RWD	OEMA, 72120 72610/37995	OEMA, 72640 72645	111/111 111/112/160		72630	OEMA, 72610/72120	111/169
Boxster 718 (982)	17-24	RWD	OEMA	OEMA, 72645	112		N/A	OEMA, 72610(34)/72120	111/169
Cayenne (9YA)	19-24	AWD	OEMA	OEMA			N/A	N/A	
Cayenne	04-18	AWD	OEMA/87575	OEMA/87575	170/170		OEMA	OEMA	
Cayman (981 Except GT4) <i>72630 can adjust setback.</i>	13-16	RWD	OEMA/37995	OEMA, 72645	112/160		N/A	OEMA, 72610(34)/72120	111/169
Cayman (987) <i>72630 can adjust setback.</i>	06-12	RWD	OEMA, 72600 72610/ 37995,72120	OEMA, 72600 72630(34), 72640 72645	111/111 111/111/111 112/160/169		72630(34)	OEMA, 72610(34)/72120	111/169
Cayman 718 (982)	17-24	RWD	OEMA	OEMA, 72645	112		N/A	OEMA, 72610(34)/72120	111/169
Macan	15-24	AWD	OEMA	OEMA			N/A	OEMA	
Panamera	17-24	RWD/AW	OEMA	OEMA			N/A	OEMA	
Panamera	10-16	RWD/AW	OEMA	OEMA, 72645	112		N/A	OEMA	
Taycan	20-24	RWD/AW	OEMA	OEMA			N/A	N/A	
911 (992)	20-24	RWD/AW	OEMA	OEMA			N/A	OEMA	
911 (991)	12-19	RWD/AW	OEMA	OEMA, 72645	112		N/A	OEMA, 72610(34)/72120	111/169
911 (997) Except GT2/GT3 <i>72630 can adjust setback.</i>	05-11	RWD/AW	OEMA, 72600 72610/ 37995,72120	OEMA, 72600 72630(34), 72640	111/111 111/111/111 160/169		72630(34)	OEMA, 72610(34)/72120	111/169

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PORSCHE-cont.			REAR			Thrust Plate	FRONT		
Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	Page
911 GT2/GT3 (997) <i>72630 can adjust setback.</i>	05-11	RWD/AW	OEMA	OEMA, 72600 72630(34), 72640 72645	111 111/111 112	OEMA	N/A		
911 (996) <i>72630 can adjust setback.</i>	99-04	RWD/AW	OEMA, 72600 72610/ 37995,72120	OEMA, 72600 72630(34), 72640 72645	111/111 111/111/111 112/160/169	72630	OEMA, 72610/72120	111/169	
911	80-98	RWD/AW	OEMA	OEMA		N/A	OEMA		
924	77-88	RWD	OEMA	OEMA		OEMA	81250	119	
928	80-96	RWD	OEMA	OEMA		OEMA	OEMA		
944	82-91	RWD	OEMA	OEMA		OEMA	OEMA, 81250	119	
968	92-95	RWD	OEMA	OEMA		OEMA	OEMA		

RENAULT									
Alliance	83-87	FWD	N/A	N/A			N/A	81250	119
Encore	84-86	FWD	N/A	N/A			N/A	81250	119
Fuego	82-85	FWD	N/A	N/A			N/A	N/A	

RIVIAN									
R1S	22-24	AWD	OEMA	OEMA			OEMA	OEMA	
R1T	22-24	AWD	OEMA	OEMA			OEMA	OEMA	

RAM									
C/V Tradesman	12-15	AWD	N/A	N/A			N/A	OEMA, 81260 83170/85130	119 127/169
C/V Tradesman	12-15	FWD	71700(*1)	71700(*1)	102/102		N/A	OEMA, 81260 83170/85130	119 127/169
Promaster	14-24	FWD	N/A	N/A			N/A	N/A	
Promaster City	15-22	FWD	N/A	N/A			N/A	81250	119
1500 (DT)	19-24	RWD/4W	N/A	N/A			OEMA, 82420	OEMA, 82420	122/122
1500 Exc. Mega Cab	11-18	RWD/4W	N/A	N/A			OEMA, 23940 72509,37995 82420	OEMA, 23940 72509,37995 82420	73/73 169/160 122/122
1500 Classic	19-23	RWD/4W	N/A	N/A			OEMA, 23940 72509,37995 82420	OEMA, 23940 72509,37995 82420	73/73 169/160 122/122
2500 <i>w/o mono beam axle</i> <b>Stock Replacement Part</b>	14-20	RWD	N/A	N/A			OEMA 23610, 23615	OEMA	73/73
2500 <i>w/ mono beam axle</i> <b>Stock Replacement Part</b>	14-24	RWD	N/A	N/A			23800(*) 23780,72509 82387(16) 23610, 23615	23800(*) 23780,72509	73/73 162/169 122 73/73
2500 <b>Stock Replacement Part</b>	14-24	4WD	N/A	N/A			23800(*) 23780,72509 82387(16) 23610, 23615	23800(*) 23780,72509	73/73 162/169 73/73
2500	11-13	RWD	N/A	N/A			OEMA	OEMA	
2500	11-13	4WD	N/A	N/A			23800(*) 23780,72509 82385	23800(*) 23780,72509	73/73 162/169 121
3500 <i>w/o mono beam axle</i> <b>Stock Replacement Part</b>	13-20	RWD	N/A	N/A			OEMA 23610, 23615	OEMA	73/73
3500 <i>w/ mono beam axle</i> <b>Stock Replacement Part</b>	13-24	RWD	N/A	N/A			23800(*) 23780,72509 82387(16) 23610, 23615	23800(*) 23780,72509	73/73 162/169 122 73/73
3500	13-24	4WD	N/A	N/A			23800(*)	23800(*)	73/73



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 Alignment Footnotes on page 68 • N/A = No Available Adjuster • OEMA = Original Equipment Manufacturer Adjustment • (\*) = Series P/N, see page for size  
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# Applications

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### RAM-cont.

Model/Body Style	Year	Drive Type	REAR CAMBER/TOOL	TOE/TOOL	Page	Thrust Plate	FRONT CASTER/TOOL	CAMBER/TOOL	Page
<b>Stock Replacement Part</b>							23780,72509 82387(16) 23610, 23615	23780,72509	162/169 122 73/73
3500 w/ mono beam axle	11-12	RWD	N/A	N/A			23800(*) 23780,72509 82385(16) 23610, 23615	23800(*) 23780,72509	73/73 162/169 121 73/73
<b>Stock Replacement Part</b>							OEMA	OEMA	
3500 w/o mono beam axle	11-12	RWD	N/A	N/A			OEMA	OEMA	
3500	11-12	4WD	N/A	N/A			23800(*) 23780,72509 82385(16) 23610, 23615	23800(*) 23780,72509	73/73 162/169 121 73/73
<b>Stock Replacement Part</b>							N/A	N/A	4500 / 5500
4500 / 5500 RWD/4W	19-24 N/A	RWD/4W	N/A N/A	N/A N/A	23850(*)/88360	■	N/A 73/171	N/A	11-18

### SAAB

9-2X	05-07	AWD	81260, 67640	OEMA, 67640	115/97		N/A	81260	119
3-Sep Incl. 9-3X	03-12	FWD/AW	OEMA, 82100	OEMA, 82100	118/118		N/A	81250	119
3-Sep	99-02	FWD	N/A	N/A			N/A	N/A	
9-4X	11	FWD/AW	N/A	N/A			N/A	N/A	
5-Sep w/ HiPer Strut	10-12	FWD/AW	OEMA	OEMA			N/A	82130	119
5-Sep w/o HiPer Strut	10-12	FWD/AW	OEMA	OEMA			N/A	81250	119
5-Sep w/ Auto Leveling Headlights	00-09	FWD	N/A	OEMA			N/A	81250	119
5-Sep w/o Auto Leveling Headlights	00-09	FWD	67270	OEMA	88		N/A	81250	119
9-7X	05-09	AWD	N/A	N/A			N/A/83785	OEMA/83785	173/173
900	94-99	FWD	N/A	N/A			N/A	N/A	
900	80-93	FWD	N/A	N/A			47700(*)	47700(*)	84/84
9000	86-98	FWD	N/A	N/A			N/A	81250	119
99	80	FWD	N/A	N/A			47700(*)	47700(*)	84/84

### SATURN

Astra	08-09	FWD	N/A	N/A			N/A	81250	119
Aura	07-09	FWD	OEMA, 82100 75400(17)	OEMA, 82100 75400(17)	118/118 114/114		N/A	81250	119
Ion	03-07	FWD	75400(1)	75400(1)	114/114		N/A	81250	119
L-Series	00-05	FWD	67270	OEMA	88		N/A	81250	119
Outlook	07-10	FWD/AW	OEMA, 82106, 82105	OEMA, 82105	119/119		N/A	81280	119
<b>Stock Replacement Part</b>			15647		154				
Relay	05-08	AWD	OEMA	OEMA			N/A	81260	119
Relay	05-08	FWD	75600(1), 75800(1)	75600(1), 75800(1)	114/114		N/A	81260	119
S-Series	91-02	FWD	81260	OEMA			OEMA	81260	119
Sky	07-10	RWD	OEMA, 82070	OEMA, 82070	118/118		OEMA, 82070	OEMA, 82070	118/118
Vue	06-09	FWD/AW	OEMA, 87420	OEMA, 87420	135/135		N/A	81260	119
Vue	02-05	FWD/AW	OEMA	OEMA			N/A	81260	119

### SCION

iA	16	FWD	N/A	N/A			N/A	81250	119
iM	16	FWD	67487 12030	OEMA, 67800	94/99 148		N/A	81290	119
<b>Stock Replacement Part</b>									
iQ	11-15	FWD	75600(1)	75600(1)	114/114		N/A	81270	119
tC	11-16	FWD	67487, 75600(1)	OEMA, 75600(1) 67800,	94/114 99		N/A	81290	119
<b>Stock Replacement Part</b>			12030						
tC	05-10	FWD	OEMA, 67485	OEMA	94		N/A	81290	119
<b>Stock Replacement Part</b>			12025		148				
xA	04-07	FWD	75600(1)	75600(1)	114/114		N/A	81260	119
xB	08-15	FWD	75600(1)	75600(1)	114/114		N/A	81290	119

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SCION-cont.			REAR			Thrust Plate	FRONT		
Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	Page
xB	04-07	FWD	75600(1)	75600(1)	114/114		N/A	81260	119
xD	08-14	FWD	75600(1)	75600(1)	114/114		N/A	81270	119
FR-S	13-16	RWD	67660 67647,72509	OEMA, 67655 37995	101/97 164/169/160		N/A	81305	120

## SMART

Fortwo	17-19	RWD	N/A	N/A			N/A	81260	119
Fortwo Electric Drive	16	RWD	N/A	N/A			N/A	N/A	
Fortwo Gas Engine	16	RWD	N/A	N/A			N/A	81260	119
Fortwo	07-15	RWD	N/A	N/A			N/A	N/A	

## STERLING

Bullet 45	08-10	RWD	N/A	N/A			N/A	23850(*)/88360	73/171
Bullet 45	08-10	4WD	N/A	N/A			N/A	23850(*)/88360	73/171
Bullet 55	08-10	RWD	N/A	N/A			N/A	23850(*)/88360	73/171
Bullet 55	08-10	4WD	N/A	N/A			N/A	23850(*)/23780,72509	73/162/169

## SUBARU

Ascent	19-24	AWD	N/A	OEMA			N/A	OEMA, 81305	120
Baja	03-06	AWD	67665/74940 67668 16210	OEMA, 67667	101/101/166 101 148		N/A	OEMA, 81305	120
<i>Stock Replacement Part</i>									
BRZ	22-24	RWD	67660 67647,72509 16210	OEMA, 67655 37995	101/100 164/169/160		N/A	OEMA, 81305	120
<i>Stock Replacement Part</i>									
BRZ	13-20	RWD	67660 67647,72509 16210	OEMA, 67655 37995	101/100 164/169/160 148		N/A	OEMA, 81305	120
<i>Stock Replacement Part</i>									
Crosstrek	18-23	AWD	67660 16210	OEMA	101 148		N/A	OEMA, 81305	120
<i>Stock Replacement Part</i>									
Forester	19-24	AWD	N/A	OEMA			N/A	OEMA, 81305	120
Forester	09-18	AWD	67660 67647,72509 16210	OEMA, 67655 37995	101/100 164/169/160 148		N/A	OEMA, 81305	120
<i>Stock Replacement Part</i>									
Forester	98-08	AWD	81260	OEMA	119		N/A	OEMA, 81305	120
Impreza	17-24	AWD	67660/67647,72509	OEMA	101/164/169		N/A	OEMA, 81305	120
Impreza	08-16	AWD	67660 67647,72509 16210	OEMA, 67655 37995	101/100 164/169/160 148		N/A	OEMA, 81305	120
<i>Stock Replacement Part</i>									
Impreza	93-07	AWD	81260, 67640	OEMA, 67640	119/100		N/A	OEMA, 81305	120
Justy	87-94	FWD/AW	N/A	OEMA			N/A	N/A	
Legacy	20-24	AWD	N/A	OEMA			N/A	OEMA, 81305	120
Legacy	10-19	AWD	67660 67647,72509 16210	OEMA, 67655 37995	101/100 164/169/160 148		N/A	OEMA, 81305	120
<i>Stock Replacement Part</i>									
Legacy	00-09	AWD	67664, 67665 16210	OEMA, 67664 67666, 67667 67668	101/101/101 101/101 101 148		N/A	OEMA, 81305	120
<i>Stock Replacement Part</i>									
Legacy	90-99	AWD	81260, 67640	OEMA, 67640	119/100		N/A	OEMA, 81305	120
Outback	20-24	AWD	N/A	OEMA			N/A	OEMA, 81305	120
Outback	10-19	AWD	67660 67647,72509 16210	OEMA, 67655/ 37995	101/100 164/169/160 148		N/A	OEMA, 81305	120
<i>Stock Replacement Part</i>									



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**BOLD PART NUMBER INDICATES PREFERRED CORRECTION METHOD • WEB** = Check [www.specprod.com](http://www.specprod.com) for more information ■ = Thrust Plate, pg. 85  
Alignment Footnotes on page 68 • N/A = No Available Adjuster • OEMA = Original Equipment Manufacturer Adjustment • (\*) = Series P/N, see page for size  
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# Applications

## CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

### SUBARU-cont.

### REAR

### FRONT

Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page	Thrust Plate	CASTER/TOOL	CAMBER/TOOL	Page
Outback	00-09	AWD	67664, 67665	OEMA, 67664 67666, 67667 67668	101/101/101 101/101 101		N/A	OEMA, 81305	120
<b>Stock Replacement Part</b>			16210		148				
Outback	90-99	AWD	81260, 67640	OEMA, 67640	119/100		N/A	OEMA, 81305	120
Solterra	23-24	FWD/AW	N/A	OEMA, 25370	WEB		N/A	81290	120
SVX	92-97	FWD/AW	81260, 67640	OEMA	119/100		N/A	OEMA, 81305	120
Tribeca	11-15	AWD	N/A	OEMA			N/A	OEMA, 81305	120
<b>Stock Replacement Part</b>			16210		148				
Tribeca	06-10	AWD	N/A	OEMA, 67667 67668	101 101		N/A	OEMA, 81305	120
WRX	22-24	AWD	67660	OEMA	98		N/A	OEMA, 81305	120
<b>Stock Replacement Part</b>			16210		148				
WRX Incl. WRX STI	08-21	AWD	67660 67647, 72509	OEMA, 67655	98/100		N/A	OEMA, 81305	120
<b>Stock Replacement Part</b>			16210	37995					
WRX Incl. WRX STI	02-07	AWD	81260, 67640	OEMA, 67640	119/100		N/A	OEMA, 81305	120
XV Crosstrek	13-17	AWD	67660 67647, 72509	OEMA, 67655	101/100		N/A	OEMA, 81305	120
<b>Stock Replacement Part</b>			16210	37995	164/169/160 148				

### SUZUKI

Aerio Incl. SX	03-07	FWD/AW	81250	OEMA	119		N/A	81250	119
Equator	09-12	RWD/4W	N/A	N/A		■	25540, 87520	25540, 87520	78/136
<b>Stock Replacement Part</b>			21035		149				
Esteem	95-02	FWD/AW	81250	OEMA	119		OEMA	81250	119
Foreza Incl. Wgn	04-08	FWD	81250	OEMA	119		N/A	81250	119
Forsa	85-88	FWD	N/A	N/A			N/A	81250	119
Grand Vitara	99-12	FWD/AW	N/A	N/A			N/A	81250	119
Kizashi	10-13	FWD/AW	OEMA	OEMA			N/A	81260	119
Reno	05-09	FWD	81250	OEMA	119		N/A	81250	119
Samurai	86-96	RWD	N/A	N/A			N/A	N/A	
Samurai	86-96	4WD	N/A	N/A			N/A	N/A	
Sidekick	89-98	RWD/4W	N/A	N/A			N/A	81250	119
Swift	89-01	FWD	N/A	OEMA			OEMA	81250	119
SX4	07-21	FWD/AW	N/A	N/A			N/A	81260	119
Verona	04-08	FWD	N/A	OEMA			OEMA	81250	119
Vitara	99-04	FWD/AW	N/A	N/A			N/A	81250	119
X-90	97-01	RWD/4W	N/A	N/A			N/A	81250	119
XL-7	07-11	FWD/AW	OEMA, 87420	OEMA, 87420	135/135		N/A	81260	119
XL-7	01-06	RWD/4W	N/A	N/A			N/A	81250	119
Model S	12-24	RWD	N/A	OEMA			OEMA	OEMA	
Model X	16-24	AWD	N/A	OEMA			OEMA	OEMA	
Model Y	20-24	RWD/AW	OEMA	OEMA			N/A	N/A	
Model 3	18-24	RWD/AW	N/A	OEMA			N/A	N/A	
Roadster	08-12	RWD	OEMA	OEMA			OEMA	OEMA	

### TOYOTA

bZ4X	23-24	FWD/AW	N/A	OEMA, 25370	WEB		N/A	81290	119
Avalon	19-22	FWD	67820	OEMA, 25370	104/WEB		N/A	81290	119
Avalon	13-18	FWD	81290	OEMA	119		N/A	81290	119
Avalon	95-12	FWD	81270	OEMA	119		N/A	81290, 82120/85130	119/119/169
C-HR	18-23	FWD	N/A	OEMA, 25370	WEB		N/A	81290	119
Camry Inc. Hybrid	18-24	FWD	67820	OEMA, 25370	WEB		N/A	81290	119
Camry Inc. Hybrid	12-17	FWD	81290	OEMA	119		N/A	81290	119
Camry Inc. Hybrid	92-11	FWD	81270	OEMA	119		N/A	81290, 82120/85130	119/119/169
Camry	88-91	FWD/AW	81270	OEMA	119		OEMA	81290, 82120/85130	119/119/169
Camry Wagon	88-96	FWD/AW	81270	OEMA	119		OEMA	81290, 82120/85130	119/119/169

Applications

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OE Replacement

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# CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

TOYOTA-cont.			REAR			Thrust Plate	FRONT		
Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	Page
Camry	83-87	FWD/AW	81270	OEMA	119	OEMA	OEMA <b>81290, 82120/85130</b>	119/119/169	
Carina	72-73	RWD	N/A	N/A		N/A	N/A		
Celica	00-05	FWD	OEMA, 67440	OEMA	92	N/A	81270	119	
Celica All-Trac	89-92	AWD	N/A	N/A		N/A	81270	119	
Celica	86-99	FWD	81270	OEMA	119	N/A	81270	119	
Celica Inc Supra	71-85	RWD	N/A	N/A		N/A	N/A		
Corolla w/Beam Type Rear Susp.	23-24	FWD	N/A	N/A		N/A	81290	119	
Corolla w/Multi-Link Rear Susp.	19-24	FWD	67820	OEMA 25370	104 WEB	N/A	81290	119	
Corolla w/Beam Type Rear Susp.	09-19	FWD	<b>75600(1)</b>	<b>75600(1)</b>		N/A	81290	119	
Corolla NOTE: Vehicles with rear disc brakes may also need pn, 75970	03-08	FWD	<b>75610(1)</b>	<b>75610(1)</b>		N/A	81270	119	
Corolla All-Trac	89-92	AWD	N/A	N/A		N/A	81270	119	
Corolla	88-92	FWD	81250	OEMA	119	N/A	81270	119	
Corolla	84-87	FWD	81250	OEMA	119	N/A	81250	119	
Corolla	75-87	RWD	N/A	N/A		OEMA	N/A		
Corolla iM <b>Stock Replacement Part</b>	16-18	FWD	67487 <b>12030</b>	OEMA, 67800	94/99 <b>148</b>	N/A	81290	119	
Corolla Cross	22-23	AWD	67820	OEMA, 25370	104/WEB	N/A	81290	119	
Corolla Cross	22-23	FWD	N/A	OEMA		N/A	81290	119	
Cressida	89-92	RWD	OEMA	OEMA		OEMA	N/A		
Cressida	85-88	RWD	N/A	OEMA		OEMA	N/A		
Cressida	83-84	RWD	N/A	OEMA		OEMA	N/A		
Cressida Wagon	83-88	RWD	N/A	N/A		OEMA	N/A		
Cressida	82	RWD	N/A	N/A		OEMA	N/A		
Cressida	78-81	RWD	N/A	N/A		N/A	N/A		
Crown	23-24	AWD	OEMA	OEMA		N/A	N/A		
Echo	00-06	FWD	<b>75600(1)</b>	<b>75600(1)</b>	114/114	N/A	81260	119	
FJ Cruiser <b>Replacement Part</b>	10-14	RWD/4W	N/A <b>25950</b>	N/A	<b>149</b>	OEMA, 25440 25480/ <b>40915</b>	OEMA, 25440 25480/ <b>40915</b> <b>21060</b>	78/78 <b>77/161</b> <b>153</b>	
FJ Cruiser <b>Replacement Part</b>	07-09	RWD/4W	N/A <b>25950</b>	N/A	<b>149</b>	OEMA, 25435 25480/ <b>40915</b>	OEMA, 25435 25480/ <b>40915</b> <b>21060</b>	78/78 <b>77/161</b> <b>153</b>	
GR Corolla	22-24	AWD	N/A	OEMA, 25370	WEB	N/A	81290	120	
GR86 <b>Stock Replacement Part</b>	22-24	RWD	67660 <b>67647,72509</b> <b>16210</b>	OEMA, 67655 <b>37995</b>	101/100 <b>164/169/160</b> <b>148</b>	N/A	OEMA, 81305	120	
Highlander	20-24	FWD/AW	67817	OEMA	104	N/A	81290	119	
Highlander	14-19	FWD/AW	67815	OEMA	100	N/A	81290	119	
Highlander	08-13	FWD/AW	81290	OEMA	119	N/A	81290	119	
Highlander	01-07	FWD/AW	81270	OEMA	119	N/A	81290	119	
Land Cruiser 200 Series <b>Replacement Part</b>	08-21	4WD	N/A <b>25965</b>	N/A	<b>149</b>	OEMA, 25450 25465/ <b>40915</b>	OEMA, 25450 25465/ <b>40915</b>	77/77 <b>77/161</b>	
Land Cruiser 100 Series <b>Replacement Part</b>	101-07	4WD	N/A <b>25955</b>	N/A	<b>149</b>	OEMA, 25385 25455	OEMA, 25385 25455	78/78 78/78	
Land Cruiser 80 Series <b>Replacement Part</b>	91-97	4WD	N/A <b>25960</b>	N/A	<b>149</b>	■ 88915, 88920	88915, 88920	WEB/WEB	
Land Cruiser	65-90	4WD	N/A	N/A		■ N/A	N/A		



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 Alignment Footnotes on page 68 • N/A = No Available Adjuster • OEMA = Original Equipment Manufacturer Adjustment • (\*) = Series P/N, see page for size  
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# Applications

## CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

### TOYOTA-cont.

### REAR

### FRONT

Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page	Thrust Plate	CASTER/TOOL	CAMBER/TOOL	Page
<b>40 60 70 Series</b>									
Matrix	03-13	AWD	OEMA, 67440	OEMA	92		N/A	81290	119
Matrix <i>w/ Independent Rear Suspension</i>	03-13	FWD	OEMA, 67440	OEMA	92		N/A	81290	119
Matrix <i>w/o Independent Rear Suspension</i> <i>NOTE: Vehicles with rear disc brakes may also need pn, 75970</i>	03-13	FWD	75610(1)	75610(1)	114/114		N/A	81290	119
Mirai	16-20	FWD	N/A	N/A			N/A	81290	119
MR2	91-97	RWD	81270	OEMA	119		OEMA	81270	119
MR2	85-90	RWD	OEMA, 81250	OEMA	119		OEMA	OEMA, 81250	119
MR2 Spyder	00-05	RWD	81270	OEMA	119		OEMA	81260	119
Paseo	92-97	FWD	N/A	N/A			N/A	81270	119
Pickup	86-94	4WD	N/A	N/A		■	OEMA 25425/40915	OEMA 25425/40915	78/161
Pickup	79-85	4WD	N/A	N/A		■	N/A	N/A	
Pickup	74-94	RWD	N/A	N/A		■	47700(*)	47700(*)	84/84
Previa	90-97	RWD/AW	N/A	N/A			N/A	81290, 82120/85130	119/119/169
Prius	10-15	FWD	75600(1)	75600(1)			N/A	81290	119
Prius	01-09	FWD	75600(1)	75600(1)			N/A	81270	119
Prius C	12-19	FWD	N/A	N/A			N/A	81270	119
Prius Prime	16-22	FWD	N/A	OEMA			N/A	81290	119
Prius V	12-17	FWD	N/A	N/A			N/A	81290	119
RAV4	19-23	FWD/AW	67820	OEMA, 25370	WEB/WEB		N/A	81290	119
RAV4	11-18	FWD/AW	67810, 67811	OEMA 67806/37995	100/100 100/160		N/A	81290	119
RAV4	06-10	FWD/AW	67810 67811	67806/37995	100/160 100		N/A	81290	119
RAV4	01-05	FWD/AW	OEMA, 25380	OEMA, 25380	78/78		N/A	81270	119
RAV4	96-00	FWD/AW	OEMA	OEMA			N/A	81270	119
Sequoia	08-24	RWD/4W	N/A	N/A			OEMA, 25420	OEMA, 25420	77/77
Sequoia	08-22	RWD/4W	OEMA	OEMA			OEMA, 25450 25490/40915	OEMA, 25450 25490/40915	77/77 84/161
Sequoia	01-07	RWD/4W	N/A	N/A			OEMA, 25445 25485/40915	OEMA, 25445 25485/40915	77/77 84/161
<b>Stock Replacement Part</b>									
Sienna	21-24	FWD/AW	N/A	OEMA			N/A	81290	119
Sienna	11-20	FWD/AW	71600(*)	71600(*)	114/114		N/A	81290	119
Sienna	04-10	AWD	N/A	N/A			N/A	81290, 82120/85130	119/119/169
Sienna	98-10	FWD	71000(*)	71000(*)	114/114		N/A	81290, 82120/85130	119/119/169
Solara	92-09	FWD	81270	OEMA	119		N/A	81290, 82120/85130	119/119/169
Starlet	81-84	RWD	N/A	N/A			OEMA	N/A	
Supra	20-24	RWD	N/A	OEMA			N/A	N/A	
Supra Mark 4	92-02	RWD	OEMA	OEMA			OEMA	OEMA	
Supra Mark 3	86-91	RWD	OEMA	OEMA			OEMA	OEMA	
Supra Celica Mark 2	82-85	RWD	N/A	OEMA			OEMA	N/A	
Supra Celica Mark 1	78-81	RWD	N/A	N/A			OEMA	N/A	
Tacoma	16-23	RWD/4W	N/A	N/A		■	OEMA, 25440 25470/40915	OEMA, 25440 25470/40915	79/79 79/161
Tacoma w/ 6 lug axles	05-15	RWD	N/A	N/A		■	OEMA, 25435 25470/40915	OEMA, 25435 25470/40915	79/79 79/161
Tacoma	05-23	4WD	N/A	N/A		■	OEMA, 25435 25470/40915	OEMA, 25435 25470/40915	79/79 79/161
<b>Stock Replacement Part</b>									
Tacoma w/ 6 lug axles	98-04	RWD	N/A	N/A		■	OEMA, 25430 25460/40915	OEMA, 25430 25460/40915	79/79 79/161
Tacoma	96-04	4WD	N/A	N/A		■	OEMA, 25430 25460/40915	OEMA, 25430 25460/40915	79/79 79/161
Tacoma	95	4WD	N/A	N/A		■	OEMA, 25425	OEMA, 25425	79/79

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# CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

TOYOTA-cont.			REAR			Thrust Plate	FRONT		
Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	Page
						25460/40915	25460/40915	79/161	
Tacoma w/ 5 lug axles	95-15	RWD	N/A	N/A		■ OEMA	OEMA		
Tercel	87-99	FWD	N/A	N/A		N/A	OEMA, 81270	119	
Tercel	83-86	FWD	N/A	N/A		OEMA	OEMA, 81270	119	
Tercel	83-86	4WD	81250	OEMA	119	OEMA	OEMA, 81270	119	
Tercel Wagon	83-86	FWD	N/A	OEMA		OEMA	OEMA, 81270	119	
Tercel Wagon	83-88	4WD	81250	OEMA	119	OEMA	OEMA, 81270	119	
Tundra	22-24	RWD/4W	N/A	N/A		OEMA, 25420	OEMA, 25420	79/79	
Tundra	07-21	RWD/4W	N/A	N/A		■ OEMA, 25450	OEMA, 25450	77/77	
						25490/40915	25490/40915	79/161	
Tundra	00-06	RWD/4W	N/A	N/A		■ OEMA, 25445	OEMA, 25445	77/77	
						25485/40915	25485/40915	79/161	
<b>Stock Replacement Part</b>							21060	153	
T100	93-98	RWD	N/A	N/A		■ 47700(*)	47700(*)	84/84	
T100	93-98	4WD	N/A	N/A		■ OEMA	OEMA		
						25425/40915	25425/40915	79/161	
Van	86-89	RWD/AW	N/A	N/A		OEMA	OEMA		
Venza	21-24	AWD	67820	OEMA, 25370	WEB/WEB	N/A	81290	119	
Venza	09-15	FWD/AW	81290	OEMA	119	N/A	81290	119	
Yaris Sedan	19-20	FWD	N/A	N/A		N/A	81250	119	
Yaris	12-18	FWD	N/A	N/A		N/A	81270	119	
Yaris	07-11	FWD	75600(1)	75600(1)	114/114	N/A	81270	119	
Yaris iA	17-18	FWD	N/A	N/A		N/A	81250	119	
4Runner	10-24	RWD/4W	N/A	N/A		OEMA, 25440	OEMA, 25440	79/79	
						25480/40915	25480/40915	79/161	
<b>Replacement Part</b>			25950		149				
4Runner	03-09	RWD/4W	N/A	N/A		OEMA, 25435	OEMA, 25435	79/79	
						25480/40915	25480/40915	79/161	
<b>Replacement Part</b>			25950		149		21060	153	
4Runner	96-02	RWD/4W	N/A	25395	78	OEMA, 25430	OEMA, 25430	79/79	
			25945, 16110, 16119		149/148/148	25460/40915	25460/40915	79/161	
<b>Replacement Part</b>									
4Runner	90-95	RWD	N/A	N/A		47700(*)	47700(*)	84/84	
4Runner	90-95	4WD	N/A	N/A		OEMA, 25425	OEMA, 25425	79/79	
4Runner	86-89	4WD	N/A	N/A		■ OEMA, 25425	OEMA, 25425	79/79	
4Runner	84-85	4WD	N/A	N/A		■ N/A	N/A		
4Runner	84-89	RWD	N/A	N/A		■ 47700(*)	47700(*)	84/84	
86	17-20	RWD	67660	OEMA, 67655	101/97	N/A	OEMA, 81305	120	
			72509, 67647	37995	164/169/160				

VINFAST									
Arteon	23-24	FWD/AW	OEMA	OEMA			N/A	N/A	

VOLKSWAGEN									
Arteon	19-24	FWD/AW	OEMA, 81335	OEMA	120		N/A	N/A	
Atlas Incl. Cross Sport	18-24	FWD/AW	OEMA	OEMA			N/A	N/A	
Beetle	11-18	FWD	N/A	N/A			N/A	N/A	
<i>w/ Beam Type Rear Suspension</i>									
Beetle	11-19	FWD	OEMA, 81335	OEMA	120		N/A	N/A	
<i>w/ Multi-Link Rear Suspension</i>									
Beetle	98-10	FWD	71500(*)/87530	71500(*)/87530	114/170		81340	81340	117/117
Cabrio	95-02	FWD	10408, 75200(1)	10408, 75200(1)	69/114		N/A	81250	119
<i>75200 must be used with 10408</i>									
Cabriolet	95-94	FWD	10408, 75200(1)	10408, 75200(1)	69/114		N/A	81250	119
<i>75200 must be used with 10408</i>									

**FOR THE MOST RECENT APPLICATION INFORMATION AND NEWEST PARTS VISIT OUR WEBSITE - WWW.SPECPROD.COM OR CHECK OUT OUR ALIGNGUIDE™ APP (PG 177)**

**BOLD PART NUMBER INDICATES PREFERRED CORRECTION METHOD • WEB = Check www.specprod.com for more information ■ = Thrust Plate, pg. 85**  
 Alignment Footnotes on page 68 • N/A = No Available Adjuster • OEMA = Original Equipment Manufacturer Adjustment • (\*) = Series P/N, see page for size  
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# Applications

## CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

### VOLKSWAGEN-cont.

### REAR

### FRONT

Model/Body Style	Year	Drive Type	CAMBER/TOOL	TOE/TOOL	Page	Thrust Plate	CASTER/TOOL	CAMBER/TOOL	Page
Corrado	90-94	FWD	10408, 75200(1)	10408, 75200(1)	69/114		N/A	81250	119
			<i>75200 must be used with 10408</i>						
CC	09-16	FWD/AW	OEMA, 81335	OEMA	120		N/A	N/A	
Dasher	73-81	FWD	10408, 75200(1)	10408, 75200(1)	69/114		N/A	OEMA	
			<i>75200 must be used with 10408</i>						
Eos	14-16	FWD	OEMA	OEMA			N/A	N/A	
Eos	07-13	FWD	OEMA, 81335	OEMA	120		N/A	N/A	
EuroVan	93-08	FWD/AW	N/A	OEMA			N/A	OEMA	
Fox	87-94	FWD	10408, 75200(1)	10408, 75200(1)	69/114		N/A	OEMA	
			<i>75200 must be used with 10408</i>						
Golf	20-24	FWD/AW	OEMA, 81335	OEMA	120		N/A	N/A	
			<i>(MK8) w-Rear Multi Link Susp.</i>						
Golf	15-19	FWD/AW	N/A	N/A			N/A	N/A	
			<i>(MK7)w/Beam Type Rear Susp.</i>						
Golf	15-19	FWD/AW	OEMA, 81335	OEMA	120		N/A	N/A	
			<i>(MK7)w/IRS-Multi-Link Rear Susp.</i>						
Golf (MK6)	10-14	AWD/FW	OEMA, 81335	OEMA	120		N/A	N/A	
Golf R32	08	AWD	OEMA, 81335	OEMA	120		N/A	N/A	
Golf R32	04	AWD	N/A	N/A			81340	81340	117/117
Golf (MK4)	99-06	FWD	71500(*1)/87530	71500(*1)/87530	101/170		81340	81340	117/117
Golf (MK2/MK3)	84-98	FWD	10408, 75200(1)	10408, 75200(1)			N/A	81250	119
			<i>75200 must be used with 10408</i>						
GTI	06-21	FWD	OEMA, 81335	OEMA			N/A	N/A	
GTI	99-06	FWD	71500(*1)/87530	71500(*1)/87530	114/170		81340	81340	117/117
GTI	82-98	FWD	10408, 75200(1)	10408, 75200(1)	69/114		N/A	81250	119
			<i>75200 must be used with 10408</i>						
ID.4	21-24	RWD/AW	OEMA	OEMA			N/A	N/A	
Jetta	19-24	FWD	OEMA, 81335	OEMA	120		N/A	N/A	
			<i>(A7) w/Multi-Link Rear Susp.</i>						
Jetta	19-24	FWD	N/A	N/A			N/A	N/A	
			<i>(A7)w/Beam Type Rear Axle</i>						
Jetta	11-13	FWD	N/A	N/A			N/A	N/A	
			<i>(A6) w/Beam Type Rear Axle</i>						
Jetta	11-18	FWD	OEMA, 81335	OEMA	120		N/A	N/A	
			<i>(A6) w/Multi-Link Rear Susp.</i>						
Jetta	05-10	FWD	OEMA, 81335	OEMA	120		N/A	N/A	
			<i>(A5)w/Multi-Link Rear Susp.</i>						
Jetta	99-05	FWD	71500(*1)/87530	71500(*1)/87530	114/170		81340	81340	117/117
			<i>(A4)w/Beam Type Rear Axle</i>						
Jetta	80-98	FWD	10408, 75200(1)	10408, 75200(1)	69/114		N/A	81250	119
			<i>75200 must be used with 10408</i>						
Passat (B7/B8)	11-22	FWD	OEMA, 81335	OEMA	120		N/A	N/A	
Passat (B6)	06-10	FWD/AW	OEMA, 81335	OEMA	120		N/A	N/A	
Passat (B5)	98-05	AWD	OEMA	OEMA			81351, 81352 81353, 81358 21040	81351, 81352 81353, 81358	117/117 117/117 149
			<b>Replacement Part</b>						
Passat (B5)	98-05	FWD	10408, 75600(1) 75800(1)	10408, 75600(1) 75800(1)	69/114 114		81351, 81352 81353, 81358 21040	81351, 81352 81353, 81358	117/117 117/117 149
			<b>Replacement Part</b>						
Passat (B4)	90-97	FWD	10408, 75200(1)	10408, 75200(1)	69/114		N/A	81250	119
			<i>75200 must be used with 10408</i>						
Phaeton	04-06	AWD	OEMA 75800(1)	OEMA 75800(1)	114/114		81351, 81352 81353, 81358 21040	81351, 81352 81353, 81358	117/117 117/117 149
			<b>Replacement Part</b>						
Quantum	82-89	FWD	75200(1)	75200(1)	114/114		N/A	OEMA	
Rabbit (MK5)	06-09	FWD	OEMA, 81335	OEMA	120		N/A	N/A	
Rabbit (MK1)	74-84	FWD	75200(1)	75200(1)	114/114		N/A	81250	119
Routan	09-14	FWD	71700(*1)	71700(*1)	114/114		N/A	OEMA, 81260 83170/85130	119 127/169
Scirocco	74-91	FWD	75200(1)	75200(1)	114/114		N/A	OEMA	
Taos	22-24	FWD/AW	OEMA, 81335	OEMA			N/A	N/A	

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## CAR/MINI-VAN/SUV/TRUCK APPLICATIONS

VOLVO Model/Body Style	Year	Drive Type	REAR			Thrust Plate	FRONT		Page
			CAMBER/TOOL	TOE/TOOL	Page		CASTER/TOOL	CAMBER/TOOL	
Tiguan	09-24	FWD/AW	OEMA, 81335	OEMA	120		N/A	N/A	
Touareg	04-07	AWD	OEMA/87575	OEMA/87575	170/170		OEMA	OEMA	
Vanagon	86-91	RWD/AW	OEMA	OEMA			OEMA	OEMA	
C30	08-13	FWD	67420, 81310	OEMA	91/120		N/A	N/A	
C40 Recharge	22-24	FWD/AW	N/A	OEMA			N/A	N/A	
C70	06-13	FWD	67420	OEMA	91		N/A	N/A	
C70	99-05	FWD	N/A	N/A			N/A	81250	119
S40	04-12	FWD/AW	67420, 81310	OEMA	91/120		N/A	N/A	
S40	00-03	FWD	OEMA	OEMA			N/A	81250	119
S60	11-24	FWD/AW	N/A	OEMA			N/A	N/A	
S60	01-10	FWD/AW	N/A	OEMA			N/A	81260	119
S70	98-00	FWD/AW	N/A	OEMA			N/A	81250	119
S80	07-15	FWD/AW	N/A	OEMA			N/A	N/A	
S80	99-06	FWD/AW	N/A	OEMA			N/A	81260	119
S90	17-24	FWD/AW	N/A	OEMA			N/A	N/A	
S90	97-98	RWD	N/A	OEMA			OEMA	81250	119
V40	00-03	FWD	OEMA	OEMA			N/A	81250	119
V50	04-11	FWD/AW	67420, 81310	OEMA	91/120		N/A	N/A	
V60	11-24	FWD/AW	N/A	OEMA			N/A	N/A	
V70	08-10	FWD/AW	N/A	OEMA			N/A	N/A	
V70	01-07	FWD/AW	N/A	OEMA			N/A	81260	119
V70	98-00	FWD/AW	N/A	OEMA			N/A	81250	119
V90	17-24	AWD/FW	N/A	OEMA			N/A	N/A	
V90	97-98	RWD	N/A	OEMA			OEMA	81250	119
XC40	18-24	AWD	N/A	OEMA			N/A	N/A	
XC60	09-24	AWD	N/A	OEMA			N/A	N/A	
XC70	08-16	FWD/AW	N/A	OEMA			N/A	N/A	
XC70	01-07	FWD/AW	N/A	OEMA			N/A	81260	119
XC90	16-24	FWD/AW	N/A	OEMA			N/A	N/A	
XC90	03-15	FWD/AW	N/A	OEMA			N/A	81260	119
240	80-91	RWD	N/A	N/A			N/A	OEMA	
740	85-93	RWD	N/A	N/A			OEMA	N/A	
760	83-94	RWD	OEMA	OEMA			OEMA	N/A	
850 GLT	93-97	FWD	N/A	OEMA			N/A	81250	119
940	85-95	RWD	N/A	N/A			OEMA	N/A	
960	95-97	RWD	OEMA	OEMA			N/A	81250	119



### INSTALLED BY PROFESSIONAL ALIGNMENT TECHS SINCE 1972

*From humble beginnings in 1971, SPC started as a specialty automotive tool company later to become the industry leader in alignment parts, tools and education. Today SPC is proud to be an ISO 9001 & IATF 16949 company, producing more than 1,500 parts and tools to customers worldwide. SPC still makes many of its parts in its own manufacturing facility where it has extensive mill & lathe capabilities as well as fabrication capabilities such as laser, forming, and welding. SPC continues to innovate through new technologies and feedback from customers that help drive new product development.*



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**BOLD PART NUMBER INDICATES PREFERRED CORRECTION METHOD • WEB = Check [www.specprod.com](http://www.specprod.com) for more information ■ = Thrust Plate, pg. 85 Alignment Footnotes on page 68 • N/A = No Available Adjuster • OEMA = Original Equipment Manufacturer Adjustment • (\*) = Series P/N, see page for size All products from Specialty Products Company are intended for use by professional installers only. ©2024 Niwot Corp. dba Specialty Products Co.®**



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**1-800-525-6505**

**BOLD PART NUMBER INDICATES PREFERRED CORRECTION METHOD •**

WB = Check [www.specprod.com](http://www.specprod.com) for more information

**FOOTNOTES:**

Labor times have been removed from the Sourcebook. SPC recommends consulting a Labor Time Guide for the Remove and Replace labor time for the appropriate part. Please review the SPC product installation instructions

for any additional time required such as grinding. Add time as needed for the additional adjustments allowed.

Always pre-check the vehicle for corrosion or modifications which might affect installation time.

N/A = No Available Adjuster • OEMA = Original Equipment Manufacturer Adjustment • (\*) = Series P/N, see page for correct size

(1) CAUTION: Check for caliper to rotor clearance with disc brakes. Use spacer set 75970 as necessary to keep caliper centered on rotor

(2) All EXCEPT RWD 1500 • (3) Honda S2000 Ball Joint - Rear Application - Only for 17" rims or larger • (4) Check Bolt Length BEFORE Cutting Hole

(6) LH Tie Rod Adjusting Sleeve Replacement • (7) Bolts, 73415, (pg. 115) are necessary for changes greater than 3/4" (8) Recommended for vehicles lowered more than 1.5" • (9) Will not work on 1988-89 models with welded-in ball joint (10) M3 Only, caster will decrease by 2 degrees • (11) Pinion Angle Adj. Part No. 82370 (pg. 122) • (12) Limited camber range of +/-1.0° (13)

Center stock camber and toe adjusters before calculating shim change • (14) 69330 included w/69300 or 69400 • (15) Not for use w/disc brakes (16) Can be used for Caster or Pinion Angle • (17) Footnotes 1 and 13 • (18) Preferred

• (19) Rear Pinion Angle • (20) Except Sti • (21) Series P/N, Not for use with ABS • (22) Lower Arm 69400 • (23) Except Type R Lower Arm • (24) Rear Wheel Drive Only • (25) 92-96 Only • (26) 92-98 Only • (27) C10 and C15 • (28)

Footnote 1, include the next part number • (29) Include the next part number • (30) With 10mm Bolt • (31) With 12mm Bolt • (32) All Except AMG models • (33) 1988-91 1500 - 43mm Bushings Only • (34) Models equipped with taller hydraulic bushings must be pressed out and reused from the original control arm or the 72360 trailing link can be used if applicable • (35) Except stamped sheet metal upper control arms • (36) Without Front Ride Height Sensor • (SW) Station Wagon • (L) Lower Stock Replacement Part - This part matches the OE part's construction

• Replacement Part - This part fits like an OE part, but improves on the OE part's construction

■ Thrust Plate available for this vehicle - for more information see page 83

CONVERSION TABLE - Toe Readings			
Inches	Degrees	Metric MM	Minutes of Degrees
.03 (1/32)	.06° (1/16°)	0.8	3.75'
.06 (1/16)	.13° (1/8°)	1.6	7.50'
.09 (3/32)	.19° (3/16°)	2.4	11.25'
.12 (1/8)	.25° (1/4°)	3.2	15.00'
.16 (5/32)	.31° (5/16°)	4.0	18.75'
.19 (3/16)	.38° (3/8°)	4.8	22.50'
.22 (7/32)	.44° (7/16°)	5.6	26.25'
.25 (1/4)	.50° (1/2°)	6.4	30.00'
.28 (9/32)	.56° (9/16°)	7.1	33.75'
.31 (5/16)	.63° (5/8°)	7.9	37.50'
.34 (11/32)	.69° (11/16°)	8.7	41.25'
.37 (3/8)	.75° (3/4°)	9.5	45.00'
.41 (13/32)	.81° (13/16°)	10.3	48.75'
.44 (7/16)	.88° (5/8°)	11.1	52.50'
.47 (15/32)	.94° (15/16°)	11.9	56.25'
.50 (1/2)	1.00° (1°)	12.7	60.00'
.53 (17/32)	1.06° (1-1/16°)	13.5	1° 3.75'
.56 (9/16)	1.13° (1-1/8°)	14.3	1° 7.50'
.59 (19/32)	1.19° (1-3/16°)	15.1	1° 11.25'
.62 (5/8)	1.25° (1-1/4°)	15.9	1° 15.00'
.66 (21/32)	1.31° (1-5/16°)	16.7	1° 18.75'
.69 (11/16)	1.38° (1-3/8°)	17.5	1° 22.50'
.72 (23/32)	1.44° (1-7/16°)	18.3	1° 26.50'
.75 (3/4)	1.50° (1-1/2°)	19.0	1° 30.00'

DOMESTIC MODEL YEAR ID		
Letter/Number shown in 10th digit of V.I.N. tag.		
YEAR DESIGNATION	YEAR DESIGNATION	YEAR DESIGNATION
1981 . . . . . B	1996 . . . . . T	2011 . . . . . R
1982 . . . . . C	1997 . . . . . V	2012 . . . . . S
1983 . . . . . D	1998 . . . . . W	2013 . . . . . T
1984 . . . . . E	1999 . . . . . X	2014 . . . . . U
1985 . . . . . F	2000 . . . . . Y	2015 . . . . . V
1986 . . . . . G	2001 . . . . . 1	2016 . . . . . W
1987 . . . . . H	2002 . . . . . 2	2017 . . . . . X
1988 . . . . . I	2003 . . . . . 3	2018 . . . . . Y
1989 . . . . . J	2004 . . . . . 4	2019 . . . . . Z
1990 . . . . . K	2005 . . . . . 5	2020 . . . . . 1
1991 . . . . . L	2006 . . . . . 6	2021 . . . . . 2
1992 . . . . . M	2007 . . . . . 7	2022 . . . . . 3
1993 . . . . . N	2008 . . . . . 8	2023 . . . . . 4
1994 . . . . . P	2009 . . . . . 9	2024 . . . . . 5
1995 . . . . . S	2010 . . . . . A	2025 . . . . . 6



Available for:



Meet Specialty Products' Alignment App

## AlignGuide™

Scan for more information

AlignGuide™ provides manufacturers' alignment specifications for makes and models since 1985 as well as information on service parts that are available to correct alignment problems.



With AlignGuide, you will be able to **enter a vehicle's VIN, enter the license plate ID, or pull down the year, make & model** to get the information you need to diagnose and correct an alignment problem and many suspension issues. Once your vehicle and preferred specifications have been identified, you can quickly see illustrations of alignment adjustment methods and service parts to install. See page 181 for more details.

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# Parts

## TRUCK SLEEVE BOARD 88210

Containing our most popular truck sleeves, this board set gives you excellent application coverage, while keeping inventory in check. **Includes display board, hooks and labels.**

**BOARD INCLUDES ONE EACH OF THE FOLLOWING:**

**23102, 23104, 23106, 23108, 23109, 23112** Change camber and caster on Ford 4WD trucks with twin traction beam Dana 44 and Dana 50 axles.

**23132, 23134, 23136, 23138, 23139** Change camber and caster on Ford and Dodge trucks including Ford 4WD F350 Crew Cabs and Dodge 4WD BR2500 and RWD & 4WD BR3500 vans.

**23182, 23184, 23186, 23188, 23190, 23199** Change camber and caster on twin traction beam Dana 35 suspensions and many other high volume RWD and 4WD Fords.

**23222, 23224, 23226, 23228, 23229, 23212** Change camber and caster sleeves on 2005 & Up F250 and F350 4WD Ford Super Duty's.

**24120, 24130, 24180, 24220, 74400, 74500, 74600** Adjustable truck sleeves add versatility to this set, along with our special wrenches that make installation easier.



## PASSENGER CAR ASSORTMENT BOARD 88260

This Board Set includes our most popular shims and cam kits for passenger vehicles. This is a "must have" for any shop performing 4 wheel alignments on cars, mini vans and SUVs.

**Includes display board along with extra hooks and labels so you can add your own "Most used" SPC Alignment Parts and Tools.**

<b>66050</b>	<b>Chrysler/Dodge Camber Bushing &amp; Bushing Press Adapters</b> - Everything you need, to adjust rear camber on the popular Chrysler LX platform. <b>2 sets included</b>
<b>66025</b>	
<b>66037, 66038</b>	<b>Chrysler LX Camber/Caster Cam</b> - Adjusts front alignment angles <b>2 cams included</b>
<b>72055</b>	<b>Infiniti/Nissan Rear Cam Bolt Kit</b> - For setting camber and toe on a variety of popular Infinitis and the 350Z. <b>1 set included</b>
<b>81250, 81260, 81270, 81280, 81290</b>	<b>EZ Cams XR™</b> - Camber kits for domestic and imported vehicles with two bolt non-slotted struts. Sizes include 12mm, 14mm, 15mm, 16mm and 17mm. <b>#81260 - 2 kits included, #81250, #81270, #81280 and #81290 - 1 kit included</b> Each kit contains two cam bolt assemblies, enough for both sides of the vehicle.
<b>84120</b>	<b>Hyundai/Kia Rear Camber Bolt Kit</b> - Easy to install camber kits for Sedonas and Entourages. <b>2 kits included</b>
<b>84130, 87365</b>	<b>Ford, Mercury, Lincoln Front Camber Adjustment Bolt.</b> <b>2 kits included.</b>

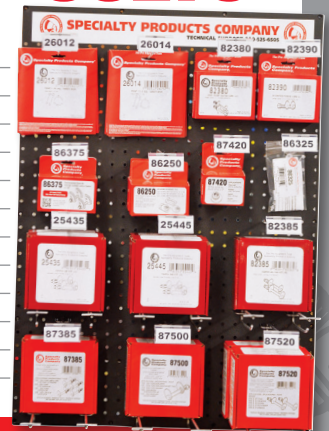


**Also available - our updated Tool Board Set (Part No. 87910) on page 158 - Set up your alignment shop with the tools you need to get going.**

## LIGHT TRUCK/SUV BOARD 88270

This board set includes the most popular parts for aligning today's trucks and SUVs. Don't be caught without the part that you need. **Includes peg board, hooks and labels.**

<b>25435</b>	<b>Toyota Cam Kit</b> - Cam./Cas. cams for Tacomas, PreRunners, FJs, and 4Runners. (2)
<b>25445</b>	<b>Toyota Cam Kit</b> - Cam./Cas. cams for Sequoias and Tundras. (2)
<b>26012 &amp; 26014</b>	<b>Jeep Camber Shims</b> - 2 each of +.5" and +1.0" to correct camber on WJ, KJ & JK.
<b>82380</b>	<b>Jeep Pinion Angle Adjusters</b> - For TJ Series Jeeps, Grand Cherokees & Ram Trucks. (1)
<b>82385</b>	<b>Dodge 4x4 Caster Cams</b> - Camber/Pinion cams for 3/4 and 1 ton solid axle Dodges. (1)
<b>82390</b>	<b>Jeep JK Cams</b> - Camber/Pinion cams for the popular JK Wrangler. (1)
<b>86250</b>	<b>Ford F150 Camber/Caster Cam Bolt Kit</b> - Front kit for the 2004 & Up F150s. (2)
<b>86325</b>	<b>GM 1/2 &amp; 3/4 Ton Alignment Pins</b> - For 2002 & Up C & K 1500, 2500 and 3500s. (1)
<b>86375</b>	<b>GM Front Alignment Kit</b> - For 2002 - Up C & K 1500, 2500 & 3500s, Express Vans. (2)
<b>87385</b>	<b>Ford F150 Front Camber</b> - Cam bolt assemblies for 1997 - 03 F150s and F250(LD)s. (1)
<b>87420</b>	<b>GM Rear Cam Nut</b> - Cams for 2005 & Up Theta Platforms, including Suzuki XL-7s. (2)
<b>87500</b>	<b>Ford Explorer Front Cam/Cas Kit</b> - For 1995 - 01 Explorers, 1998 - 2011 Rangers. (1)
<b>87520</b>	<b>Nissan Camber/Caster Kit</b> - For 2004 & Up Titan, and 2005 & Up Pathfinder, Xterra. (2)



## SHIM ASSORTMENT BOARD SET 88700

Includes our popular EZ Shims™ and accessories along with our Toyota Sienna Shims. **Includes display board, hooks and labels.**

<b>71621, 71622, 71623</b>	<b>Toyota Sienna Shims</b> - Nylon shims for: Camber: ±10°, ±20°, ±30°, ±40° & ±50° and Toe: ±.25° & ±.50° <b>1 each size included</b>
<b>71624, 71625</b>	
<b>71631, 71632</b>	
<b>75200, 75400, 75600</b>	<b>EZ Shims™</b> - Adjust Camber and Toe up to ffl.5 on a large variety of FWD vehicles. <b>2 shims of each size included</b>
<b>10408</b>	<b>M10 X 1.5 X 40 Bolts</b> - Use with rear shims. <b>1 set of 8 bolts included</b>
<b>75910</b>	<b>EZ Shim Dial Chart</b> - Makes using the EZ Shim a snap. <b>1 Dial Chart included</b>
<b>75915</b>	<b>EZ Shim Cutting Pliers</b> - Prevent breakage when cutting shims. <b>1 Cutter included</b>
<b>75920</b>	<b>EZ Shim Marker</b> - <b>1 Marker included</b>
<b>75970</b>	<b>Shim Spacer Kit</b> - 2 each of 4 sizes to align caliper to rotor. <b>1 set included</b>

# Parts Get Organized!

## BUILD A TOTAL WHEEL ALIGNMENT CUSTOM INVENTORY CONTROL BOARD ANY WAY YOU LIKE IT.

Our complete line of alignment parts may now be displayed in any grouping you would like on a custom inventory control board. The requirements consist of purchasing a minimum of 12 part numbers (excluding SLA shims) of your choice. You select the product, we will package the board, hooks and labels for you to customize your board set. Just copy the form below and mail or fax it to your local distributor, or to Specialty Products for us to forward to your closest distributor. **The board, hooks and labels are *no charge* when 12 different part numbers are purchased.**



DATE \_\_\_\_\_ PHONE \_\_\_\_\_ YOUR P.O. NUMBER \_\_\_\_\_

Bill To: \_\_\_\_\_

Ship To: \_\_\_\_\_

### CUSTOM INVENTORY CONTROL BOARD NO. 88120 - LAYOUT FORM.

Write our part number in the boxes below and the quantity you would like. Each space can hold up to 3 items. Order up to 20 part numbers OR up to 30 truck sleeve part numbers.

Part No. _____ Qty. _____ (Up to three)	Part No. _____ Qty. _____ (Up to three)	Part No. _____ Qty. _____ (Up to three)	Part No. _____ Qty. _____ (Up to three)	Additional Part No. (Truck Sleeves Only) _____ Qty. _____ (Up to three)
Part No. _____ Qty. _____ (Up to three)	Part No. _____ Qty. _____ (Up to three)	Part No. _____ Qty. _____ (Up to three)	Part No. _____ Qty. _____ (Up to three)	Additional Part No. (Truck Sleeves Only) _____ Qty. _____ (Up to three)
Part No. _____ Qty. _____ (Up to three)	Part No. _____ Qty. _____ (Up to three)	Part No. _____ Qty. _____ (Up to three)	Part No. _____ Qty. _____ (Up to three)	Additional Part No. (Truck Sleeves Only) _____ Qty. _____ (Up to three)
Part No. _____ Qty. _____ (Up to three)	Part No. _____ Qty. _____ (Up to three)	Part No. _____ Qty. _____ (Up to three)	Part No. _____ Qty. _____ (Up to three)	Additional Part No. (Truck Sleeves Only) _____ Qty. _____ (Up to three)
Part No. _____ Qty. _____ (Up to three)	Part No. _____ Qty. _____ (Up to three)	Part No. _____ Qty. _____ (Up to three)	Part No. _____ Qty. _____ (Up to three)	Additional Part No. (Truck Sleeves Only) _____ Qty. _____ (Up to three)
Additional Part No. (Truck Sleeves Only) _____ Qty. _____ (Up to three)	Additional Part No. (Truck Sleeves Only) _____ Qty. _____ (Up to three)	Additional Part No. (Truck Sleeves Only) _____ Qty. _____ (Up to three)	Additional Part No. (Truck Sleeves Only) _____ Qty. _____ (Up to three)	Additional Part No. (Truck Sleeves Only) _____ Qty. _____ (Up to three)

**IMPORTANT: YOUR PHONE NUMBER, IN CASE WE HAVE QUESTIONS ABOUT YOUR ORDER:**

### HOW TO USE THIS ORDER FORM:

- COPY THIS FORM ON YOUR COPY MACHINE.**
- Choose at least 12 parts from any\* listed in our current catalog and get the board, hooks & labels **FREE!** Remember - They need to fit on our Custom Control Board.
- Write the part number and quantity needed in the spaces indicated on the board layout.
- Assign a purchase order number to this order, fill in your company name and address(es), then mail or fax it to your distributor or fax to **1-303-772-1918** and Specialty Products will forward it to your closest distributor.
- Product indicated will be shipped with each Custom Inventory Control Board unless requested differently by customer.

\* Some exclusions do occur, please call for more information.

Board Dimensions: 23-1/2" x 32". May be hung horizontally or vertically.

**1-800-525-6505** Call for your nearest distributor, product info or Technical Assistance • In the USA and Canada

**www.specprod.com**

## M10 X 1.5 X 40 SET OF 8 BOLTS

Contains 8 M10 x 1.5 x 40mm allen head rear hub bolts to be used with the rear shims when needed. Use with EZShims (pg 116).



# 10408

# Jeep JK/JL Suspension Arm Series

### 13410 / 13411

**Front** Adjustment range:  
Caster and Pinion  $\pm 3.0^\circ$

Required: 2 per axle

#### APPLICATIONS

#### 13410

Jeep: 2007 - 18 Wrangler (JK)

#### 13411 / 13412

Jeep: 2018 - 23 Wrangler (JL)  
2020 - 23 Gladiator (JT)

### 13415 / 13416

**Front Replacement Part**

Required: 2 per axle

#### APPLICATIONS

#### 13415

Jeep: 2007 - 18 Wrangler (JK)

#### 13416

Jeep: 2018 - 23 Wrangler (JL)  
2020 - 23 Gladiator (JT)

### 13421

**Rear** Adjustment range:  
Pinion  $\pm 3.0^\circ$

Required: 2 per axle

#### APPLICATIONS

Jeep: 2018 - 18 Wrangler (JK)  
2018 - 23 Wrangler (JL)

### 13426

**Rear Replacement Part**

Required: 2 per axle

#### APPLICATIONS

Jeep: 2018 - 2023 Wrangler (JK)  
2018 - 23 Wrangler (JL)



**SPC knows JK - Look for all of our JK Products:**

23510 Pin Joints - page 74

23605 Tie Rod Adjuster Sleeves page 73

26012 & 26014 Camber Shims - page 81

82390 Rear Caster/Pinion Adj. Bolts - page 121

These direct-fit control arms add strength and articulation flexibility to your stock-height or 'lifted' Wrangler. They feature SPC's xAxis™ sealed flex joints to provide bind-free 'twist' between the frame and axle during articulation and OE 'Clevite' bushings for long service life and reduced N.V.H. Main tubes are D.O.M steel to provide strength for large tires and aggressive gearing. Bent arms provide additional clearance for taller/wider tires.

## JEEP JK FRONT ADJ. UPPER CONTROL ARM W/XAXIS™ 13410

## JEEP JL FRONT ADJ. UPPER CONTROL ARM W/XAXIS™ 13411 L 13412 R

This direct-fit front upper control arm adds strength, on-car adjustability and articulation flexibility to your stock-height or 'lifted' suspension Wrangler. The dual-threaded adjuster and jam nut makes caster/pinion angle adjustments quick and easy without the need to disconnect the arm or mess with cams and slotted hole knock-outs.



## JEEP JK FRONT LOWER CONTROL ARM W/XAXIS™ 13415

## JEEP JL FRONT LOWER CONTROL ARM W/XAXIS™ 13416

This direct-fit, stock-length front lower control arm adds strength and articulation flexibility to your stock-height or 'lifted' suspension Wrangler. It features SPC's xAxis™ sealed flex joint and an OE style rubber joint to provide bind-free 'twist' between the frame and axle during off-road articulation.



## JEEP JK/JL REAR ADJ. UPPER CONTROL ARM W/XAXIS™ 13421

This direct-fit rear upper control arm adds strength, on-car adjustability and articulation flexibility to your stock-height or 'lifted' suspension Wrangler. It features SPC's xAxis™ sealed flex joint mounted in a forged ring at the axle end to provide bind-free 'twist' between the frame and axle during off-road articulation with an OE style rubber joint mounted on the other. The dual-threaded adjuster and jam nuts make rear pinion angle adjustments quick and easy without the need to disconnect the arm.



## JEEP JK/JL REAR LOWER CONTROL ARM W/XAXIS™ 13426

This direct-fit, stock-length rear lower control arm adds strength and articulation flexibility to your stock-height or 'lifted' suspension Wrangler. It features SPC's xAxis™ sealed flex joint and an OE style rubber joint to provide bind-free 'twist' between the frame and axle during off-road articulation.

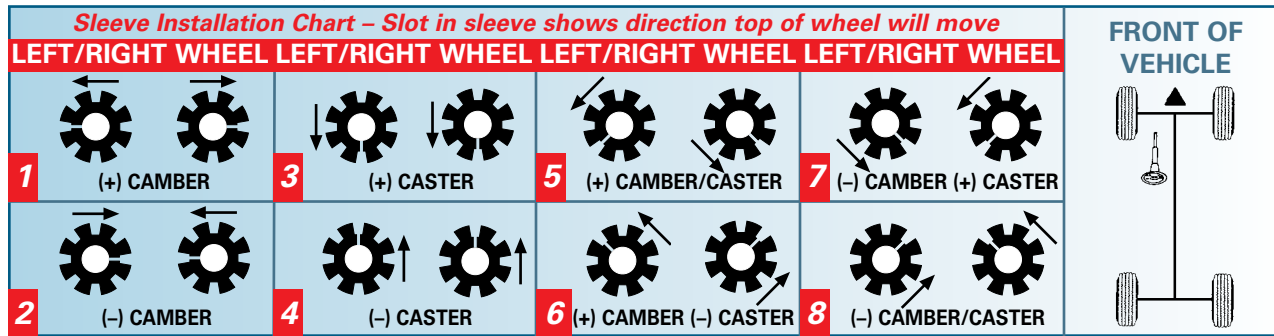


# Parts Sleeve Installation Chart

The illustrations below show where to position the slot in the sleeve to get the amount of camber, caster or both needed. Positions 1, 2, 3 & 4 will change camber/caster the amount stamped on the sleeve. Positions 5, 6, 7 & 8 will change the camber/caster by the following amounts:

FOR SLEEVES:		
23000	23100	23130
23180	23220	23230

DEGREE	CHANGE	DEGREE	CHANGE	DEGREE	CHANGE	DEGREE	CHANGE
1/4 - .25	3/16 (.18)	3/4 - .75	17/32 (.53)	1-1/4 - 1.25	7/8 (.88)	1-3/4 - 1.75	1-7/32 (1.29)
1/2 - .50	11/32 (.35)	1 - 1.0	11/16 (.70)	1-1/2 - 1.5	1-1/16 (1.06)	2 - 2.0	1-13/32 (1.40)



## 23000 SERIES



## CAM/CAS SLEEVE

This sleeve changes camber and caster on many older model trucks and SUVs with Dana 44 or GMC 10 bolt axles. #4169 spanner socket is required for sleeve removal. Rotate sleeve to fine tune camber/caster adjustment.

**Set 23000 contains 1 each:** 23002, 23004, 23006, 23008, 23010, 23012

Part No.	Total Change
23002	.25° (1/4°)
23004	.50° (1/2°)
23006	.75° (3/4°)
23008	1.00° (1°)
23010	1.25° (1-1/4°)
23012	1.50° (1-1/2°)

**Front Adjustment range:**

Camber/Caster  $\pm 25^\circ$  to  $\pm 1.50^\circ$

Required.: 1 per wheel

### APPLICATIONS

#### Chevrolet/GMC 4WD:

1970 - 87 K10, K15, K20, K25; 1969 - 91 Suburban  
1969 - 91 Blazer (K5), Jimmy (K5)  
1958 - 87 K30, K35

**Dodge 4WD:** 1972 - 93 W100, W150, AW150, W200, W250; 1974 - 87 Dodge Ramcharger

**Ford 4WD:** 1966 - 79 F100, F150; 1973 - 79 F250  
1971 - 79 Bronco

**International 4WD:** 1972 - 75 1/2 & 3/4 ton Pickup  
1973 - 80 Scout II

**Jeep 4WD:** 1974 - 83 Cherokee; 1945 - 86 CJ  
1966 - 73 Jeepster, Commando; 1974 - 84 Pickup  
1982 - 86 Scrambler; 1974 - 91 Grand Wagoneer

**Plymouth 4WD:** 1974 - 81 Trailduster

## 23100 SERIES



## CAMBER/CASTER SLEEVES

Change camber, caster, or both on twin traction beam Dana 44s with these sleeves. Simply remove the tire, cotter pin and upper ball joint stud nut and break the taper free between the stud and sleeve. Using a sleeve puller, remove the existing sleeve. Install zero degree sleeve **23109** to determine the change needed, then install the correct sleeve. To split camber and caster adjustment, rotate sleeve 45°.

**Set 23100 contains 1 each:** 23101, 23102, 23103, 23104, 23105, 23106, 23107, 23108, 23109

Part No.	Total Change	Part No.	Total Change
23101	.25° (1/4°)	23107	1.75° (1-3/4°)
23102	.50° (1/2°)	23108	2.00° (2°)
23103	.75° (3/4°)	23109	0.00° (0°)
23104	1.00° (1°)	23111	2.25° (2-1/4°)
23105	1.25° (1-1/4°)	23112	2.50° (2-1/2°)
23106	1.50° (1-1/2°)	23113	2.75° (2-3/4°)

**Front Adjustment range:**

Camber/Caster  $\pm 25^\circ$  to  $\pm 2.75^\circ$

Required: 1 per wheel

### APPLICATIONS

#### Ford 4WD:

1980 - 96 Bronco - Full Size  
1980 - 96 F150  
1980 - 98 F250, F350

**Adjustable Sleeve available, Part No. 24130 - page 75**

**We have adjustable sleeves for most sleeve applications.**

**We have discontinued our 23120 and 23160 series of fixed change sleeves, but still have these applications covered with our 24120 and 24160 adjustable sleeves (page 75). The adjustable sleeves can adjust camber and caster in a large variety of combinations.**

**Front** Adjustment range:  
Camber/Caster  $\pm 0.25^\circ$  to  $\pm 2.00^\circ$

Required: 1 per wheel

### APPLICATIONS

- Dodge RWD:**  
1994 - 99 3500 Ram w/Mono Beam
- Dodge 4WD:**  
1994 - 99 2500HD, 3500 Ram
- Ford RWD/4WD:**  
1999 - 04 F450, F550  
1999 - 04 F250, F350  
Solid Axles/Leaf Springs

- Ford 4WD:**  
2000 - 05 Excursion  
1992 - 98 F350 Crew Cab

-  **77880** - Puller, pg 167  
**87175** - Socket, pg 169



## CAMBER/CASTER SLEEVES

Change camber, caster, or both at the same time with these sleeves. Simply remove the tire, cotter pin and upper ball joint stud nut and break the taper free between the stud and sleeve. Using a sleeve puller, remove the existing sleeve. Install zero degree sleeve **23139** to determine the change needed, then install the correct sleeve. To split camber and caster adjustment, rotate sleeve  $45^\circ$ .

**Set 23130 contains 1 each: 23131, 23132, 23133, 23134, 23135, 23136, 23137, 23138, 23139**

Part No.	Total Change	Part No.	Total Change
<b>23131</b>	.25° (1/4°)	<b>23136</b>	1.50° (1-1/2°)
<b>23132</b>	.50° (1/2°)	<b>23137</b>	1.75° (1-3/4°)
<b>23133</b>	.75° (3/4°)	<b>23138</b>	2.00° (2°)
<b>23134</b>	1.00° (1°)	<b>23139</b>	0.00° (0°)
<b>23135</b>	1.25° (1-1/4°)		

**Adjustable Sleeve available,  
Part No. 24130 - page 75**

## 23130 SERIES



**Sleeve Installation Chart -  
See page 70**

**Front** Adjustment range:  
Camber/Caster  $\pm 0.25^\circ$  to  $\pm 3.50^\circ$

Required: 1 per wheel

### APPLICATIONS

- Ford RWD:**  
1989 - 90 Bronco II  
1992 - 24 E150, E250, E350, E450  
2000 - 05 Excursion; 1987 - 96 F150  
1998 - 24 F250, F350 Twin I-Beam  
1987 - 98 F250, F350

- Ford 4WD:**  
1990 - 90 Bronco II (Late 90-Dana 35)
- Ford RWD/4WD:**  
1991 - 94 Explorer; 1990 - 97 Ranger
- Mazda RWD/4WD:**  
1994 - 97 B-Series Pickup  
1991 - 94 Navajo

-  **77880** - Puller, pg 167  
**87175** - Socket, pg 169

## CAMBER/CASTER SLEEVES

These popular sleeves are widely used to adjust caster and/ or camber on many Ford and Mazda RWD & 4WD trucks. To install, simply loosen and remove upper ball joint pinch bolt. Remove top snap ring if one is present. Use 77880 or 88830 sleeve puller to remove the existing sleeve. To split camber and caster adjustment, rotate sleeve  $45^\circ$ . Save time during alignment, use **23199** zero degree sleeve to determine initial readings, then install correct sleeve.

**Note: Sleeves adjust to a smaller degree on Ford and Mazda 4WD light trucks/SUVS.**

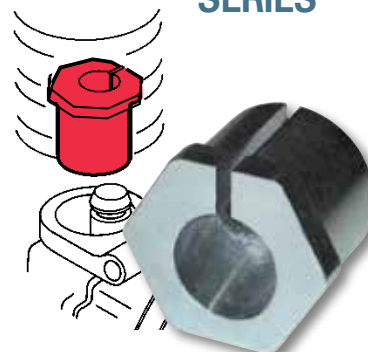
**Set 23180 contains 1 each: 23181, 23182, 23183, 23184, 23185, 23186, 23187, 23188, 23199**

Series Part No.	RWD Adjustments Total change	4WD Adjustments Total change	Series Part No.	RWD Adjustments Total change	4WD Adjustments Total change
<b>23181</b>	.25° (1/4°)	.20°	<b>23188</b>	2.00° (2°)	1.40°
<b>23182</b>	.50° (1/2°)	.40°	<b>23189</b>	2.25° (2-1/4°)	1.60°
<b>23183</b>	.75° (3/4°)	.60°	<b>23190</b>	2.50° (2-1/2°)	1.80°
<b>23184</b>	1.00° (1°)	.75°	<b>23191</b>	2.75° (2-3/4°)	2.00°
<b>23185</b>	1.25° (1-1/4°)	.90°	<b>23192</b>	3.00° (3°)	2.25°
<b>23186</b>	1.50° (1-1/2°)	1.10°	<b>23193</b>	3.25° (3-1/4°)	2.50°
<b>23187</b>	1.75° (1-3/4°)	1.25°	<b>23194</b>	3.50° (3-1/2°)	2.75°
			<b>23199</b>	0.00° (0°)	

**Adjustable Sleeve available,  
Part No. 24180 - page 75**

**Sleeve Installation Chart -  
See page 70**

## 23180 SERIES



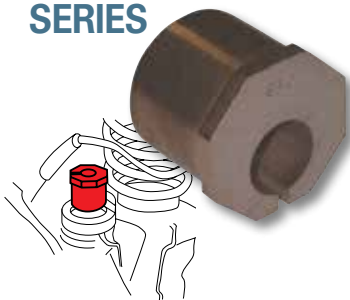
## Tools of the Trade

**SPC provides tools that are specific to the alignment industry and designed to be efficient and productive to the alignment technician. Many tools are the result of feedback from shops and technicians and then evaluated for development. See pages 162-176 for tools of the trade.**



# Parts

## 23220 SERIES



Adjustable Sleeve available, Part No. 24220 - page 75

### CAMBER/CASTER SLEEVES

Ford changed the axle design in 2005 on their Heavy Duty trucks. These sleeves correct camber and caster on these F250 and F350 Super Duty trucks. Use the **23229** zero degree sleeve to determine the amount of change needed.

Set **23220** contains 1 each: **23221, 23222, 23223, 23224, 23225, 23226, 23227, 23228, 23229**

Part No.	Total Change	Part No.	Total Change
<b>23221</b>	.25° (1/4")	<b>23227</b>	1.75° (1-3/4")
<b>23222</b>	.50° (1/2")	<b>23228</b>	2.00° (2")
<b>23223</b>	.75° (3/4")	<b>23211</b>	2.25° (2-1/4")
<b>23224</b>	1.00° (1")	<b>23212</b>	2.50° (2-1/2")
<b>23225</b>	1.25° (1-1/4")	<b>23229</b>	0.00° (0°)
<b>23226</b>	1.50° (1-1/2")		

Sleeve Installation Chart - pg 70

Front Adjustment range:  
Camber/Caster  $\pm 0.25^\circ$  to  $\pm 2.50^\circ$

Required: 1 per wheel

#### APPLICATIONS

**Ford RWD/4WD:**  
2005 - 24 F250, F350  
Solid Axle,  
Coil Spring  
2005 - 24 F450  
With 8 Lug Axles



## 23230 SERIES



Adjustable Sleeve available, Part No. 24230 - page 75

### CAMBER/CASTER SLEEVES

These truck sleeves will correct alignment problems on F450 and F550 Super Duty Trucks with Dana Super 60 solid axles. To split camber and caster adjustment, rotate sleeve 45° Use the **23239** zero degree sleeve to determine the amount of change needed.

Set **23230** contains 1 each: **23231, 23232, 23233, 23234, 23235, 23236, 23237, 23238, 23239**

Part No.	Total Change	Part No.	Total Change
<b>23231</b>	.25° (1/4")	<b>23236</b>	1.50° (1-1/2")
<b>23232</b>	.50° (1/2")	<b>23237</b>	1.75° (1-3/4")
<b>23233</b>	.75° (3/4")	<b>23238</b>	2.00° (2")
<b>23234</b>	1.00° (1")	<b>23239</b>	0.00° (0°)
<b>23235</b>	1.25° (1-1/4")		

Front Adjustment range:  
Camber/Caster  $\pm 0.25^\circ$  to  $\pm 2.00^\circ$

Required: 1 per wheel

#### APPLICATIONS

**Chevy/GMC 4WD:**  
2003 - 09 Kodiak/Topkick K4500,  
Kodiak/Topkick K5500  
**Ford RWD/4WD:**  
2005 - 24 F450,  
F550 With 10 Lug  
Axles



Sleeve Installation Chart - pg 70

## 23268 23269



### FIXED CHANGE FORD SUPER DUTY SLEEVES

These sleeves have a fixed positive camber and caster change and are designed specifically to align trucks that have been lifted or to provide more caster change than our 23220 series.

*For maximum drivability and to compensate for road crown, use a 23268 on the driver's side and a 23269 on the passenger's side.*

Front Adjustment range (Fixed):  
**23268** Camber +.50 Caster +2.3  
**23269** Camber +.30 Caster +2.6

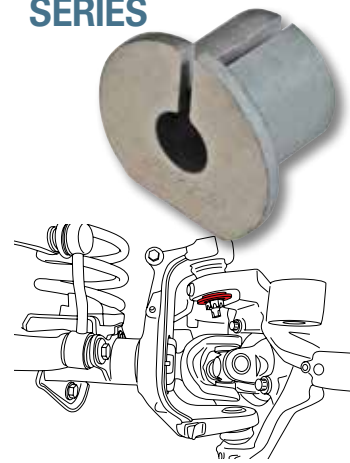
Required: 1 per wheel

#### APPLICATIONS

**Ford RWD/4WD:**  
2005 - 24 F250, F350 Solid Axle,  
Coil Spring  
2005 - 24 F450 With 8 Lug Axles



## 23400 SERIES



### JEEP CAM/CAS SLEEVES

Fix front camber issues on your Jeep Wrangler (JL) by replacing the camber sleeve that links the upper ball joint to the knuckle. Simply determine what degree offset sleeve is already in the knuckle and replace it with a new offset. Most JL's are coming off the line with a +.25° sleeve, which means, for example, if you need .5° more camber and have a factory +.25° sleeve you will want to use the +.75° sleeve (p/n 23403) to get in spec. If you work on a lot of Jeeps or are not sure what you will need, get the six (6) piece set, which includes one of each sleeve. SPC's camber sleeves feature a hex chromate-free finish certified to a 700 hour salt spray test.

Use the **23409** zero degree sleeve to determine the amount of change needed.

Set **23400** contains 1 each: **23401, 23402, 23403, 23404, 23405, 23409**

Part No.	Total Change	Part No.	Total Change	Part No.	Total Change
<b>23401</b>	+.25° (1/4")	<b>23403</b>	+.75° (3/4")	<b>23405</b>	+.125° (1-1/4")
<b>23402</b>	+.50° (1/2")	<b>23404</b>	+1.00° (1")	<b>23409</b>	0.00° (0°)

Front Adjustment range:  
Camber +0.25° to +1.25°

Required: 1 per wheel

#### APPLICATIONS

**Jeep:** 2018 - 24 Wrangler (JL)  
2020 - 24 Gladiator (JT)

Check out our Jeep JL Suspension Arm Series on page 69

Applications

Alignment Parts

Heavy Duty

OE Replacement

Racing/Builders

Tools

Brake and CV

Gear/Index


**Front** Adjustment range:  
Camber  $\pm 1.25^\circ$

**For lifted or raised suspensions only**

Required: 1 per wheel

**APPLICATIONS**

**Jeep:** 2006 -10 Commander  
2005 - 10 Grand Cherokee

 **72509 - Ball joint press, pg 165**

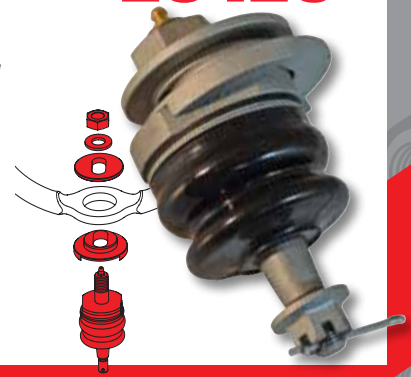


## JEEP ADJ. BALL JOINT

# 23420

Add camber adjustment to your lifted Jeep Grand Cherokee or Commander with the highest quality ball joint on the market! This joint is **specifically designed to work with lifted or raised suspensions** and features:

- Induction hardened and oversized 18mm stud for extreme strength and high durability
- 700 hour long-life salt spray resistant coating
- Hybrid 2-piece race and internal spring compensate for wear over time
- Fully sealed greasable design
- 80° of articulation to maximize travel without binding vs 66° on the factory joint



**Rear** Adjustment range:  
Camber  $\pm 3.00^\circ$

Required: 1 per wheel

**APPLICATIONS**

**Acura:** 2014 - 20 MDX  
**Honda:** 2016 - 22 Pilot  
2017 - 23 Ridgeline

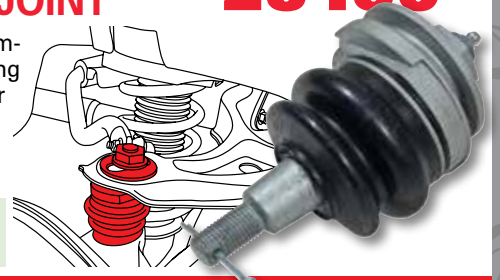


## ACURA AND HONDA REAR ADJ. BALL JOINT

# 23450

Use this sliding ball joint to adjust camber on the rear of the Acura MDX along with the Honda Pilot and Ridgeline for improved handling and tire wear. The OE quality ball joint is easily installed and corrects camber angles  $\pm 3^\circ$ .

 **72509 - Ball joint press, pg 165**



## Dodge/Jeep Pin Joints #23510 - Next Page

**Front Replacement Part**

Required: 1 per wheel

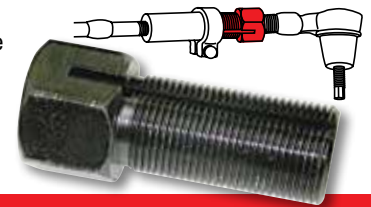
**APPLICATIONS**

**Chrysler:** 1999 - 04 300M  
1998 - 04 Concorde  
1998 - 01 LHS  
**Dodge:** 1998 - 04 Intrepid

## LH REPLACEMENT SLEEVE

# 23600

This adjustable sleeve replaces the knurled tie rod adjusting sleeve on 1998 - 04 Chrysler LH bodies. Recommended when the existing sleeve has been damaged or if the tie rod end is being replaced so adjustments can be made easily.



**Front Replacement Part**

Required: 1 per axle

**APPLICATIONS**

**23605**  
**Jeep:** 2007 - 18 Wrangler (JK)

<b>23610</b> <b>Manufactured before 11/4/13 Ram:</b> 2014 2500 2013 - 14 3500	<b>23615</b> <b>Manufactured after 11/4/13 Ram:</b> 2014 - 23 2500 2013 - 23 3500
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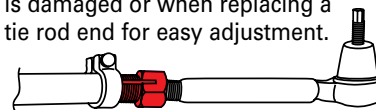
## TIE ROD ADJUSTER SLEEVES

# 23605

# 23610

# 23615

These adjustable hex shaped sleeves replace the round tie rod sleeve to assure ease of adjustment without slippage. Recommended when the existing sleeve is damaged or when replacing a tie rod end for easy adjustment.



**Front** Adjustment range:  
Camber  $\pm 1.00^\circ$  Caster  $1.50^\circ$

Required: 1 kit per wheel

**APPLICATIONS**

**23755** 2 cam/bolt sets - 1 side  
**Dodge 4WD:** 2002 - 05 1500 Ram

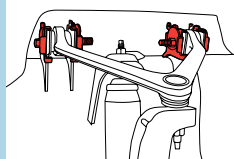
**23765** 2 cam/bolt sets - 1 side  
**Dodge RWD:** 2002 - 05 1500 Ram

## 4WD & RWD DODGE TRUCK CAMBER/CASTER KITS (PR)

# 23755

# 23765

These heavy duty bolts and brackets replace the upper control arm



mounting bolts giving you both camber and caster adjustment. Kit includes 2 cam and bolt sets to cover one side of the vehicle.

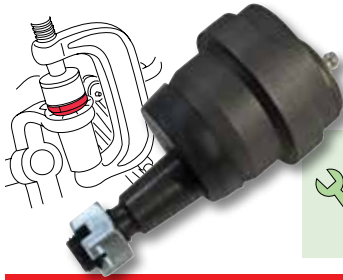


# Parts

## Dodge/Jeep Pin Joints

These offset pin joints replace the upper pin joints on many models of Dodge and Ram Trucks. They come in 1/2° increments and provide for independent wheel caster and/or camber changes. To more easily remove and install these sleeves use the recommended installation sleeves along with a ball joint press.

### 23500 Series



- 23580 - Ball joint press sleeves, pg 159
- 72509 - Ball joint press, pg 165

Front Adjustment range:

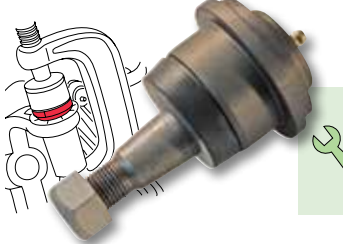
- 23510 Cam/Cas ±.50°
- 23520 Cam/Cas ±1.00°
- 23530 Cam/Cas ±1.50°
- 23540 Cam/Cas ±2.00°

Required: 1 per wheel

#### APPLICATIONS

- Dodge 4WD: 1994 - 01 1500 Ram; 1994 - 99 2500 Ram
- Jeep: 1984 - 01 Cherokee; 1986 - 92 Comanche
- RWD/4WD: 1993 - 04 Grand Cherokee
- 1984 - 90 Wagoneer; 1987 - 18 Wrangler

### 23800 Series



\* 23800 is an OE Replacement Ball Joint - no camber/caster change

- 23780 - Ball joint press sleeves, pg 159
- 72509 - Ball joint press, pg 165

Front Adjustment range:

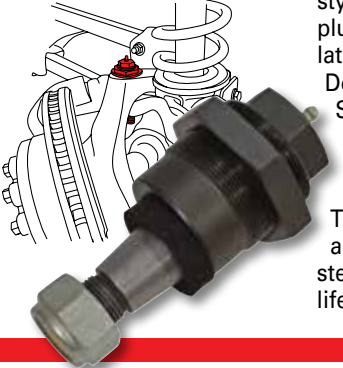
- 23800\* Cam/Cas 0.0°
- 23810 Cam/Cas ±.50°
- 23820 Cam/Cas ±1.0°
- 23830 Cam/Cas ±1.50°

Required: 1 per wheel

#### APPLICATIONS

- Dodge/Ram RWD: 2003 - 24 3500 Ram w/mono beam
- Dodge/Ram 4WD: 2006 - 08 1500 Ram Mega Cab
- 2003 - 24 2500, 3500 Ram

### 23850 Series



These heavy duty "King Pin" style joints replace the original plunging ball joint design on late model medium duty Dodge/Ram trucks and Sterling Bullets. They provide independent adjustment up to 1° of camber. and will correct cross camber issues. This greasable pin joint uses a bronze sleeve and hardened steel pin to ensure long service life.

Front Adjustment range:

- 23850\* Camber 0.0°
- 23852 Camber ±.50°
- 23854 Camber ±1.0°

Required: 1 per wheel

#### APPLICATIONS

- Dodge/Ram RWD/4WD: 2008 - 18 4500, 5500
- Sterling Bullet RWD/4WD: 2008 - 10 45, 55

\* 23850 is an OE Replacement Ball Joint - no camber/caster change

### Race with SPC and the SCCA Solo Spec Coupe Class

The SCCA Solo Spec Coupe Class includes the Subaru BRZ and Scion FR-S. This class allows for some suspension modifications. Specialty Products' parts are approved for this class and include the Scion/Subaru Cam Bolts (#81305, page 116), the Adjustable Rear Camber Arm (#67660, page 98) and the Adjustable Rear Toe Arm (#67655, page 98).



### Watch our techs install the part

SPC has made it easy to see how a part is installed and is also a terrific alignment educational resource. Here you can access installation videos for many of our popular parts. Watch as Master ASE technicians walk you through the procedure and give helpful and time saving tips. Go beyond the paper instructions, and watch the install happen! For more go to [www.specprod.com](http://www.specprod.com)



# Parts

## Adjustable Sleeves



Inventory getting out of hand? Just need to fill in a few odd sizes? An Adjustable Sleeve may be just what you need. These sleeves can adjust camber and/or caster in a large variety of combinations. **A great solution for saving money and keeping sales.**

**Replaces up to 5 stock sleeves.**  
**Minimum Adjustment  $\pm 1.00^\circ$**

**Front Adjustment range:**  
Camber/Caster  $\pm 1.00^\circ$  to  $\pm 2.75^\circ$   
Required: 1 per wheel



**74500 - Adjustable Sleeve Wrench, pg 166**

### APPLICATIONS

**Ford 4WD:** 1983 - 89 Bronco II; 1983 - 89 Ranger  
Early 1990 Bronco II (Dana 28)



## 24120

**Replaces up to 21 stock sleeves.**  
**Minimum Adjustment  $\pm .75$**

**Front Adjustment range:**  
Camber/Caster  $\pm .75^\circ$  to  $\pm 2.75^\circ$   
Required: 1 per wheel

### APPLICATIONS



**74500 - Adjustable Sleeve Wrench, pg 166**

**Dodge RWD:** 1994 - 99 3500 Ram w/Mono Beam  
**Dodge 4WD:** 1994 - 99 2500HD, 3500 Ram  
**Ford RWD/4WD:** 1999 - 04 F450, F550  
1999 - 04 F250, F350 Solid Axles/Leaf Springs  
**Ford 4WD:** 1980 - 96 Bronco - Full Size; 1980 - 96 F150  
1980 - 98 F250, F350; 2000 - 05 Excursion  
1992 - 98 F350 Crew Cab



## 24130

**We have Fixed Sleeves for these Apps, Part Nos. 23100 - page 70 and 23130 - page 71**

**Replaces up to 8 stock sleeves.**

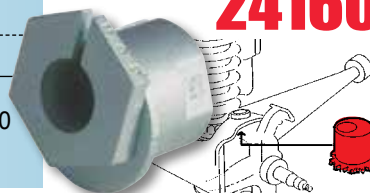
**Front Adjustment range:**  
Camber  $0.0^\circ$  to  $\pm 2.25^\circ$   
Required: 1 per wheel



**74400 - Adjustable Sleeve Wrench, pg 166**

### APPLICATIONS

**Ford RWD:** 1984 - 88 Bronco II; 1982 - 86 F150  
1983 - 88 Ranger; 1980 - 83 F100



## 24160

**Replaces up to 9 stock sleeves.**  
**Minimum Adjustment  $\pm .50^\circ$**

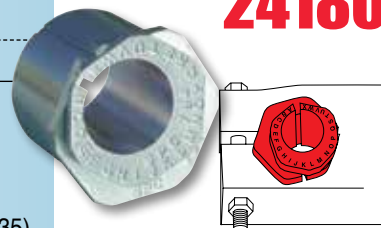
**Front Adjustment range:**  
Camber/Caster  $\pm .50^\circ$  to  $\pm 2.25^\circ$   
Required: 1 per wheel

### APPLICATIONS



**74400 - Adj. Sleeve Wrench, pg 166**  
**74500 - Adj. Sleeve Wrench, pg 166**

**Ford RWD:** 1989 - 90 Bronco II  
1992 - 24 E150, E250, E350, E450  
2000 - 05 Excursion; 1987 - 96 F150  
1998 - 24 F250, F350 Twin I-Beam  
1987 - 98 F250, F350  
**Ford 4WD:** 1990 - 90 Bronco II (Late 90-Dana 35)  
**Ford RWD/4WD:** 1991 - 94 Explorer  
1990 - 97 Ranger  
**Mazda RWD/4WD:** 1994 - 97 B-Series Pickup  
1991 - 94 Navajo



## 24180

**We have Fixed Sleeves for these Apps, Part No. 23180 - page 71**

**Replaces up to 11 stock sleeves.**

**Front Adjustment range:**  
Camber/Caster  $\pm 2.50^\circ$   
Required: 1 per wheel

### APPLICATIONS



**74600 - Adjustable Sleeve Wrench, pg 166**

**Ford RWD/4WD:**  
2005 - 24 F250, F350 Solid Axle, Coil Spring  
2005 - 24 F450 With 8 Lug Axles



## 24220

**We have Fixed Sleeves for these Apps, Part No. 23220 - page 72**

**Replaces up to 10 stock sleeves.**

**Front Adjustment range:**  
Camber/Caster  $\pm 2.75^\circ$   
Required: 1 per wheel

### APPLICATIONS



**74600 - Adjustable Sleeve Wrench, pg 166**

**Chevy/GMC 4WD:** 2003 - 09  
Kodiak/Topkick K4500, Kodiak/Topkick K5500  
**Ford RWD/4WD:**  
2005 - 24 F450, F550 With 10 Lug Axles



## 24230

**We have Fixed Sleeves for these Apps, Part No. 23230 - page 72**

## TOYOTA FRONT UPPER ARMS (PR)

SPC Adjustable Front Upper Control Arms are the industry standard in off-road and racing applications. These arms use a patented design to adjust camber and caster. When you lift or level your truck you can dramatically change the alignment angles. SPC arms will get you back in spec and give you added adjustments to maximize your suspension set-up.

- **Get more droop travel:** Don't let OE ball joints or mono-ball articulation limit your travel. SPC joints are oversized and provide 80° of travel.
- **Get your drivability and tracking back:** Your truck may have started to 'wander' after you lifted it. That is because you lost caster. Install SPC arms and get your 'drivability' back by putting your alignment in specification.
- **Get your tire where you want it in the wheel well:** Are your oversized tires rubbing the fenders or frame rails? SPC Adjustable Arms, in combination with OE adjustments on the lower arm, allow you to dial in alignment specs at the same time that you move the tire forward/outward in the wheel well by up to 1". These new ball joints also test just like OE joints for DOT inspections

Designed, engineered, tested and assembled in Colorado.  
**SPC Performance Arms will:**

- Allow you to center your wheel in the wheel well
- Get caster/drivability back
- Give you the most suspension travel available
- Tests Like OE

**Bonded Rubber Sleeve**  
 To minimize Noise, Vibration and Harshness (NVH)

**Isolated xAxis™ Sealed Flex Joint Bushings**

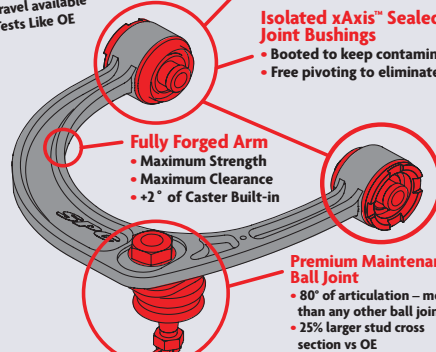
- Booted to keep contaminants out
- Free pivoting to eliminate binding

**Fully Forged Arm**

- Maximum Strength
- Maximum Clearance
- +2" of Caster Built-in

**Premium Maintenance-Free Ball Joint**

- 80° of articulation – more than any other ball joint
- 25% larger stud cross section vs OE
- Maintenance Free with sealed boot



- 25455  
35455\*\*
- 25460  
35460\*\*
- 25465  
35465\*\*
- 25470  
35470\*\*
- 25480  
35480\*\*
- 25485  
35485\*\*
- 25490  
35490\*\*

Patent No. US 7,513,514

**Front Adjustment range:** Camber ±2.00° Caster 0.0° to +4.00°

Required: 1 per axle

### 25455 / 35455\*\* APPLICATIONS

(Note: Caster Range -1.0° to +3.0°)

- Lexus 4WD: 1998 - 07 LX470
- Toyota 4WD: 1998 - 07 Land Crusier 100 Series

### 25460 / 35460\*\* APPLICATIONS

- Toyota RWD: 1998 - 04 Tacoma w/6 lug axles
- Toyota 4WD: 1995 - 04 Tacoma
- Toyota RWD/4WD: 1996 - 02 4-Runner

### 25465 / 35465\*\* APPLICATIONS

- Lexus 4WD: 2008 - 21 LX 570
- Toyota 4WD: 2008 - 21 Land Crusier 200 Series

### 25470 / 35470\*\* APPLICATIONS

- Toyota RWD/4WD: 2005 - 22 Tacoma w/6 lug axles

### 25480 / 35480\*\* APPLICATIONS

- Lexus 4WD: 2003 - 22 GX
- Toyota RWD/4WD: 2007 - 14 FJ Cruiser
- 2003 - 22 4Runner

### 25485 / 35485\*\* APPLICATIONS

- Toyota RWD/4WD: 2001 - 07 Sequoia
- 1999 - 06 Tundra

### 25490 / 35490\*\* APPLICATIONS

- Toyota RWD/4WD: 2008 - 22 Sequoia
- 2007 - 21 Tundra

	SPC	OE	Monoball
Articulation & Stud Cross Section	80° <small>+25% Stud Cross Section</small>	68° <small>34°/34°</small>	68° <small>34°/34°</small>
Sealed	✓	✓	✗



### REPLACEMENT AND REBUILD KITS AVAILABLE

SPC has replacement ball joint and bushing kits available for these arms. Go to our website for more on what is available for your arm/application.



\* Each arm has its own features, go to [www.specprod.com](http://www.specprod.com) for specific details on each application.



\*\* Arms available in early 2025. See inside cover for additional product details.

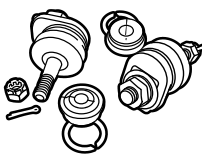
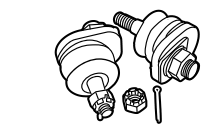
Check out Toyota rear arms See page 154

## SEALED, MAINTENANCE-FREE ADJUSTABLE BALL JOINT APPLICATION MAP

### New Replacement Ball Joint #s

### SPC Control Arm Kit Part #'s | Upcoming Part #'s

35101	25470	35470*	25455	35455*
	25540	35540*		25465
35102	25560	35560*	25480	35480*
	25660	35660*	25490	35490*
35103			25690	35690*
35104			25675	35675*
			25680	35680*
35105			25670	35670*
35106			25685	35685*
35107			86490	35750*
35110			25620	35620*
35109	25460	35460*		
	25485	35485*		



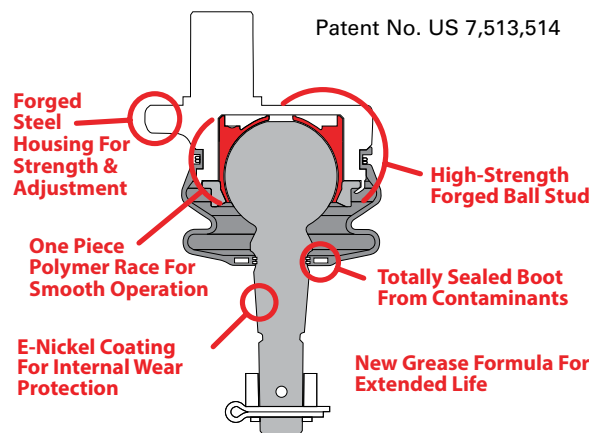
\*New part number will include next gen components. See Inside front cover for details.

### Replacement Ball Joints

35101	25470
	25540
	25560
	25660
35102	25455
	25465
	25480
	25490
35103	25690
35104	25675
	25680
35105	25670
35106	25685
35107	86490
35109	25460
	25485
35110	25620

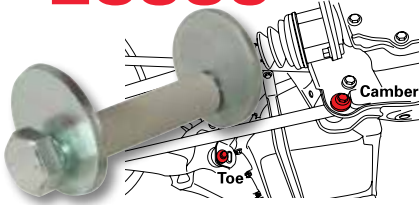
## REPLACEMENT SEALED ADJUSTABLE, MAINTENANCE-FREE BALL JOINTS

Upgrade or replace worn ball joints on SPC Performance Adjustable Upper Control Arms with these modern architecture, maintenance-free, adjustable units. Designed, engineered and assembled in Colorado, these next generation ball joints are the result of a relentless pursuit of product performance and longevity.



*These ball joints (pair) are reverse compatible and a direct replacement for the SPC upper control arm sets.*

## 25380 RAV4 CAMBER/TOE CAM BOLT



Replace your OE rear camber or toe adjuster with this replacement cam bolt. OE cam bolts are frequently seized and can't be adjusted. Remove the corroded bolt assembly and replace it with SPC's cam bolt to restore the factory  $\pm 1.5^\circ$  camber or toe change. This bolt features a plastic sleeve to eliminate future corrosion.

**Rear Adjustment range:**  
Camber  $\pm 1.50^\circ$  / Toe  $\pm 1.50^\circ$

Required: 1 per wheel/  
per angle changed

### APPLICATIONS

**Toyota:** 2001 - 05 RAV4

## 25385 LAND CRUISER FRONT CAM KIT



The OE bolts on Toyota trucks and SUV's are frequently "frozen" and do not allow for adjustment. Remove the frozen bolt assembly and replace it with an SPC cam kit to get up to  $\pm 1.50^\circ$  camber and caster change. OE adjuster assemblies that are severely corroded may require SPC's press tool 40915 for removal, making the job quick and easy.

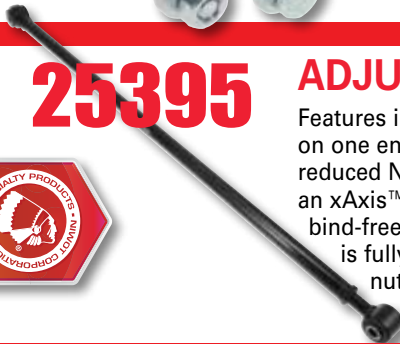
**Front Adjustment range:**  
Camber  $\pm 1.00^\circ$  Caster  $\pm 1.75^\circ$

Required: 1 per wheel/  
per angle changed

### APPLICATIONS

**Toyota:** 1998 - 07 Land  
Cruiser (100 Series)

## 25395 ADJUSTABLE PANDHARD BAR



Features include an OE-style bonded rubber bushing on one end for high performance trail duty and reduced Noise, Vibration, and Harshness (NVH), while an xAxis™ sealed flex joint on the other end provides bind-free articulation. This heavy duty steel track bar is fully adjustable on the vehicle and includes lock nuts to ensure axle settings don't move after dialing in.

### Rear Axle Alignment

Required: 1 per wheel

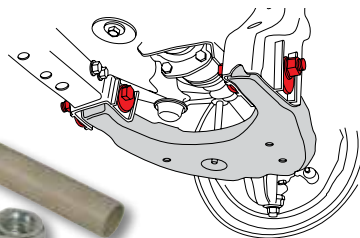
### APPLICATIONS

**Toyota:** 1996 - 02 4Runner

## 25420 TOYOTA CAM BOLT KIT (PR)

- 25425
- 25430
- 25435
- 25440
- 25445
- 25450

This cam bolt kit is a replacement kit for the OE adjusters. The OE bolts on Toyota trucks and SUVs are frequently "frozen" and will not allow for adjustment. Remove the frozen bolt assembly and replace it with an SPC cam kit to get up to  $\pm 1.5^\circ$  camber and caster change. OE adjuster assemblies that are corroded may require SPC's press tool 40915 for removal, making the job quick and easy.



\*Note: Plastic Sleeves not necessary with this kit.



40915 - Cam Extractor, pg 161

**Front Adjustment range:** Camber/Caster  $\pm 1.50^\circ$

Required: 1 per wheel

### 25420 APPLICATIONS

**Toyota 4WD:** 2022 - 23 Tundra

### 25425\* APPLICATIONS

**Toyota 4WD:** 1986 - 95 4Runner; 1995 Tacoma  
1986 - 94 Pickup; 1993 - 98 T100

### 25430 APPLICATIONS

**Toyota RWD:** 1998 - 04 Tacoma w/6 lug axles  
**Toyota 4WD:** 1996 - 04 Tacoma  
**Toyota RWD/4WD:** 1996 - 02 4-Runner

### 25435 APPLICATIONS

**Lexus 4WD:** 2003 - 09 GX  
**Toyota RWD:** 2005 - 15 Tacoma w/6 lug axles  
**Toyota 4WD:** 2005 - 15 Tacoma  
**Toyota RWD/4WD:** 2007 - 09 FJ Cruiser  
2003 - 09 4Runner

### 25440 APPLICATIONS

**Lexus 4WD:** 2010 - 22 GX  
**Toyota RWD/4WD:** 2010 - 14 FJ Cruiser  
2016 - 22 Tacoma w/6 lug axles  
2010 - 22 4Runner

### 25445 APPLICATIONS

**Toyota RWD/4WD:** 2001 - 07 Sequoia; 1999 - 06 Tundra

### 25450 APPLICATIONS

**Lexus RWD/4WD:** 2008 - 23 LX570  
**Toyota RWD/4WD:** 2008 - 21 Land Crusier 200 Series  
2008 - 22 Sequoia; 2007 - 21 Tundra

**Front** Adjustment range:  
Camber  $\pm 2.00^\circ$   
Caster  $-1.0^\circ$  to  $+3.00^\circ$   
Required: 1 per axle



### APPLICATIONS

- Nissan:** 2005 - 24 Frontier  
2005 - 12 Pathfinder  
2005 - 15 Xterra
- Suzuki:** 2009 - 12 Equator

## NISSAN FRONT UPPER ADJ. ARMS (PR)

# 25540

Lifted Nissans often run out of factory alignment adjustment when lift kits are installed. Additionally, the OE upper control arm can contact the spring bucket, limiting droop travel and causing unwanted noise, vibration and harshness. These heavy duty replacement arms feature drawn over mandrel (DOM) tubing construction and use our patented adjustable greaseable ball joint (see below) and xAxis™ sealed flex joints, allowing for greatly increased droop travel and easy alignment.



**Need new bolts? Order #21035 for two replacement bolts - page 150.**

**Front** Adjustment range:  
Camber  $\pm 3.00^\circ$  Caster  $\pm 3.00^\circ$   
Required: 1 per axle

### APPLICATIONS

- Nissan:** 2004 - 24 Armada (Except w/height sensor)  
2004 - 24 Titan (Except XD)
- Infiniti:** 2014 - 24 QX80



Patent No. US 7,513,514

## TITAN FRONT UPPER ADJ. ARMS (PR)

# 25560

Restore lost caster, camber and droop travel on your lifted Nissan Titan and Armada to get your drivability back with these adjustable front upper control arms. Use them in combination with Titan OE lowers on Xterras and Pathfinders for a wider stance. This pair of arms feature:



- A patented adjustable ball joint design to dial in caster and camber  $\pm 3.0^\circ$
- Fully forged steel construction for maximum strength
- Arm geometry that clears spring bucket for increased droop travel
- Upgraded greaseable ball joints
- **SpecRide™** bushings with free pivot for extended travel while maintaining factory standards for noise, vibration, and harshness (NVH)

**Front** Adjustment range:  
Camber  $\pm 2.00^\circ$   
Caster  $-1.0^\circ$  to  $+3.00^\circ$   
Required: 1 per axle

### APPLICATIONS

- Ford:** 2020 - 23 Ranger w/steel knuckles only!

Patent No. US 7,513,514

## FORD RANGER FRONT ADJ UPPER ARMS (PR)

# 25665

Improve droop travel, drivability and tire wear with SPC's adjustable front upper control arms for Rangers equipped with steel knuckles. Fit bigger tires without rubbing fenders. Featuring a greaseable ball joint and rubber isolated xAxis™ bushings, this arm is designed to correct alignment angles on standard height and lifted Ford Rangers with steel knuckles, while maintaining factory ride quality. These remove and replace arms are sold in pairs.



**Front** Adjustment range:  
Camber  $\pm 2.00^\circ$   
Caster  $-1.0^\circ$  to  $+3.00^\circ$   
Required: 1 per axle

### APPLICATIONS

- Ford:** 2019 - 20 Ranger w/aluminum knuckles only!

Patent No. US 7,513,514

## FORD RANGER FRONT UPPER ADJ. ARMS (PR)

# 25670

Improve droop travel, drivability and tire wear as well as adjusting tire position in your wheel well with SPC's adjustable front upper control arms for the Ford Ranger. Featuring an upgraded greaseable ball joint and rubber isolated xAxis™ bushings, this arm is designed to correct alignment angles on lifted as well as standard height vehicles while maintaining factory ride quality. SPC's fully forged steel design provides the strength and durability needed for the most demanding environments. These remove and replace arms are sold in pairs.



## 25675

### LOWERED FORD F-150 ADJ UPPER ARMS (PR)



Restore drivability on lowered 2004-2020 Ford F150 trucks with SPC's adjustable front upper control arms. These arms give  $\pm 2.0^\circ$  of camber and  $-1.0^\circ$  to  $+3.0^\circ$  of caster adjustability while also giving more ball joint articulation on trucks lowered up to 2.5". Featuring an upgraded greaseable ball joint and rubber isolated xAxis™ bushings, these arms are designed to correct alignment angles while maintaining factory ride quality. SPC's fully forged steel design provides the strength and durability needed for the most demanding environments. These remove and replace arms are sold in pairs.

**Front** Adjustment range:  
Camber  $\pm 2.00^\circ$   
Caster  $-1.0^\circ$  to  $+3.00^\circ$

Required: 1 per axle

#### APPLICATIONS

**Ford:** 2004 - 2020 F-150  
(Except Raptor)

**(Lowered truck applications only)**

Patent No. US 7,513,514

## 25680

### FORD F-150 FRONT ADJ UPPER ARMS (PR)



Ideal for both OE ride height and lifted trucks, these control arms improve droop travel, drivability and tire wear as well as adjusting tire position in your wheel well. Featuring an upgraded greaseable ball joint and rubber isolated xAxis™ bushings, this arm is designed to correct alignment angles while maintaining factory ride quality. SPC's fully forged steel design provides the strength and durability needed for the most demanding environments.

**Front** Adjustment range:  
Camber  $\pm 2.00^\circ$   
Caster  $-1.0^\circ$  to  $+3.00^\circ$

Required: 1 per axle

#### APPLICATIONS

**Ford:** 2004 - 20 F150  
(Except Raptor)

**Lincoln:** 2006 - 08  
Mark LT

Patent No. US 7,513,514

## 25685

### 21+ FORD F-150 ADJ UPPER ARMS (PR)



Lifted trucks lose caster which wears tires and leads to wandering at high speeds. These arms improve droop travel, drivability and tire wear as well as adjusting tire position in your wheel well with SPC's adjustable front upper control arms. Featuring an upgraded greaseable ball joint and rubber isolated xAxis™ bushings, this arm is designed to correct alignment angles while maintaining factory ride quality. SPC's fully forged steel design provides the strength and durability needed for the most demanding environments. These remove and replace arms are sold in pairs.

**Front** Adjustment range:  
Camber  $\pm 2.00^\circ$   
Caster  $-1.0^\circ$  to  $+3.00^\circ$

Required: 1 per axle

#### APPLICATIONS

**Ford:** 2021 - 24 F150  
(Except Raptor)

**SPC #86252 upgraded bolts and adjustment plates lock in your alignment and prevent bolt slip on the lower control arm. See page 130.**

Patent No. US 7,513,514

## 25690

### FORD BRONCO FRONT ADJ UPPER ARMS (PR)



Lifted trucks lose caster which wears tires and leads to wandering at high speeds. These arms improve droop travel, drivability and tire wear as well as adjusting tire position in your wheel well. Featuring an upgraded greaseable ball joint and rubber isolated xAxis™ bushings, this arm is designed to correct alignment angles while maintaining factory ride quality. Tubular steel design provides the strength and durability needed for the most demanding environments. Sold in pairs.

**Front** Adjustment range:  
Camber / Caster  $\pm 2.00^\circ$

Required: 1 per axle

#### APPLICATIONS

**Ford:** 2021 - 24 Bronco

Patent No. US 7,513,514



**Front** Adjustment range:

**26012** +.50° Camber **26014** +1.0° Camber

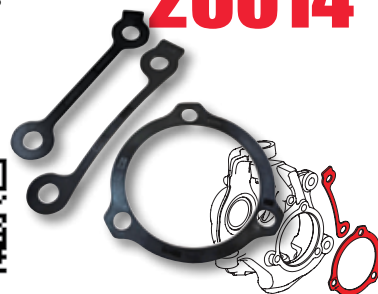
Required: 1 per wheel

**APPLICATIONS**

- Ford 4WD:** 2001 - 03 Explorer  
2001 - 05 Explorer Sport Trac; 2003 - 11 Ranger
- Jeep RWD:** 1994 - 01 Cherokee XJ
- Jeep 4WD:** 1984 - 01 Cherokee XJ  
1993 - 10 Grand Cherokee ZJ/WJ  
1987 - 06 Wrangler YJ/TJ; 1984 - 90 Wagoneer XJ
- Jeep FWD/4WD:** 2002 - 07 Liberty KJ
- Jeep RWD/4WD:** 1986 - 92 Comanche MJ  
2007 - 18 Wrangler JK; 2006 - 10 Commander XK

**CAMBER SHIMS**

Change camber +0.5° or +1.0° on many popular Jeep and Ford models by installing this shim between the hub and steering knuckle. A caliper shim is also included. These durable high-strength nylon shims provide a faster option for correcting negative camber issues.



**26012**  
**26014**

**Front** Adjustment range:

Camber/Caster +0.3° OR -0.3° (**FIXED change**)

Required: 1 per wheel **per adjustment**



**28810 APPLICATIONS**

- Mercedes:** 2001 - 07 C Class (W203, W204)  
2005 - 11 CLS, SLK Class (W218, W219, R171, R172)  
2004 - 09 CLK Class (C209)  
2003 - 09 E Class (W211, W212)

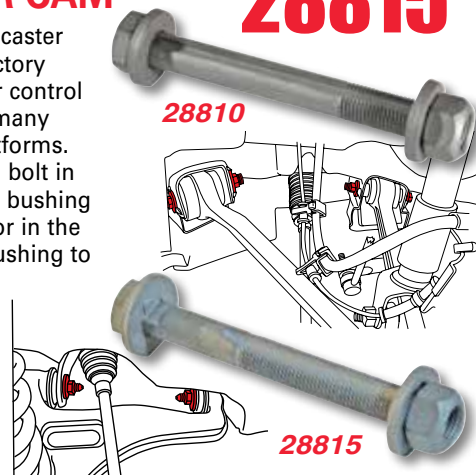
**28815 APPLICATIONS**

- Chrysler:** 2004 - 08 Crossfire (Incl. SRT6)
- Mercedes:** 1994 - 00 C Class (W202)  
2008 - 14 C Class (W204); 2000 - 06 CL Class (C215)  
1998 - 02 CLK Class (C208)  
2003 CLK Class (W208 Cabriolet)  
2010 - 16 E Class (W212)  
2003 - 09 E Class 4MATIC (W211)  
2009 - 15 GLK Class (X204)  
1999 - 05 S Class 4MATIC (W22)

*For more Mercedes Applications check our website*

**MERCEDES CAMBER/CASTER CAM**

Adjust camber or caster ±0.3° using the factory offset in the lower control arm bushings of many C and E Class platforms. Place the grooved bolt in the forward arm's bushing to change caster or in the rearward arm's bushing to change camber. If both camber and caster change are needed, you can use 2 kits.



**28810**  
**28815**

**Rear** Adjustment range: Camber ±1.25°

Required: 1 per wheel



**28840 APPLICATIONS**

- Chrysler:** 2004 - 08 Crossfire (Inc. SRT6)
- Mercedes:** 2001 - 07 C Class (W203)  
1994 - 00 C Class (W202); 2004 - 09 CLK Class (W209)  
1998 - 03 CLK Class (W208)  
1996 - 02 E Class *Except Wagon* (W210)  
1986 - 95 E Class (W124); 1999 - 02 SL Class (W129)  
1996 - 11 SLK Class (R170, R171)

**28850 APPLICATIONS**

- Mercedes:** 2008 - 14 C Class (W204 & W205)  
2009 - 15 GLK Class (X204)

**28855 APPLICATIONS**

- Mercedes:** 2015 - 21 C Class Sedan (W205)  
2010 - 16 E-Class  
2017 E-Class Coupe & Conv. (A207 & C207)

**28860 APPLICATIONS**

- Mercedes:** 2003 - 09 E Class (W211)

**NOTE: The 28850, 28855 and 28860 Camber Kits DO NOT fit AMG Models**



**MERCEDES REAR CAMBER KIT (PR)**

These adjustable bushings make rear camber change possible for many Mercedes vehicles. By replacing the outer bushing in the two rear upper control arms, you achieve up to ±1.25° of change. Stock bushings are easily removed using the Specialty Products bushing press adapters.

- 72509** - Ball joint press, pg 165
- 28840 uses:**
- 75990** - Ball joint press sleeves, pg 167
- 28850, 28855, 28860 uses:**
- 76000** - Ball joint press sleeves, pg 167

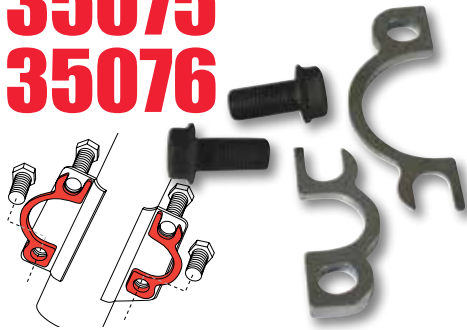
**28840**  
**28850**  
**28855**  
**28860**



# Parts

**35075**  
**35076**

## SPRINTER VAN FRONT ADJUSTER KIT (PR)



These shim kits let you change front camber on Dodge, Freightliner and Mercedes Sprinter Vans. Their unique design allows the technician to 'lock' the alignment settings. These shims install quickly and easily for time saving adjustments.

Front Adjustment range:

**35075** Camber -1.0° (fixed)

**35076** Camber -2.0° (fixed)

Required: 1 per wheel

### APPLICATIONS

**Dodge:** 2003 - 06 Sprinter Van

**Freightliner:** 2002 - 05 Sprinter Van

**Mercedes:** 2001 - 06 Sprinter Van

**35077**

## SPRINTER FRONT ADJUSTER KIT (PR)



Camber change on the 2007 and up Sprinter Van is quick, easy, and locked in with this SPC cam kit. Get up to  $\pm 3.0^\circ$  camber change by simply removing the upper OE bolt, loosening the lower bolt, installing and adjusting this cam kit to the desired change and then tightening everything to specification. Save time, money and effort by making aligning this two bolt strut vehicle a one man job. Kit includes two cams.

Front Adjustment range:

Camber  $\pm 3.0^\circ$

Required: 1 per axle

### APPLICATIONS

**Dodge:** 2007 - 09 Sprinter Van

**Freightliner:** 2007 - 18 Sprinter Van

**Mercedes:** 2007 - 18 Sprinter Van

**Check out what else  
this cam set can do!  
See page 115.**

**35080**  
SERIES

## NISSAN CAM/CAS SHIMS



These shims install between the upper control arm mount and shaft to adjust Pathfinders and Pickups. **6 Shims per package**

**35080** - 1mm    **35081** - 2mm

**35082** - 4mm

### FRONT APPLICATIONS

**Nissan RWD/4WD:** 1987 - 95  
Pathfinder; 1986 - 97 Pickup

## Camber/Caster Shim Sets

### 37150 DUO-FIT SET

Filled with 200 shims - **25 each** of all Duo-Fit styles and sizes **37100 through 37107** (below). Handy chart inside the lid makes reordering and organization simple. Comes in a durable plastic case.



**37150 DUO-FIT**

### 47700 SLA SET

These camber/caster shims (next page) are now available in a corrugated box set to help you organize all of your shims. Covering both cars and trucks this set is perfect for inventory control.



**47700 SLA**

**Contains 50 Each:** 37105, 37106, 37107, 47151, 47152, 47153, 47181, 47182, 47183, 47766, 47767, 47768, 47775, 47776, 47777

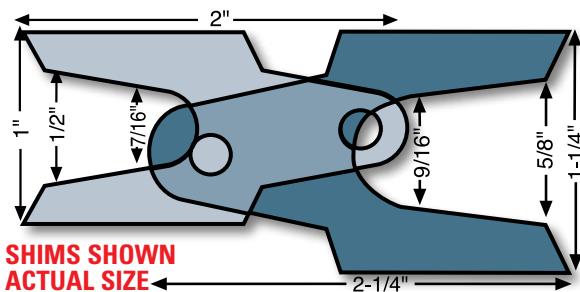
## Camber/Caster Duo-Fit

**APPLICATIONS:** Buick, Chevrolet, Ford, Lincoln, Mercury, Pontiac, Oldsmobile

Part No.	Thick.	Opening	Qty
<b>37101</b>	1/32"	7/16" to 1/2"	25
<b>37102</b>	1/16"	7/16" to 1/2"	25
<b>37103</b>	1/8"	7/16" to 1/2"	25

**APPLICATIONS:** AMC, Buick, Cadillac, Chevrolet, Lincoln, Oldsmobile, Pontiac, Trucks

Part No.	Thick.	Opening	Qty
<b>37105</b>	1/32"	9/16" to 5/8"	25
<b>37106</b>	1/16"	9/16" to 5/8"	25
<b>37107</b>	1/8"	9/16" to 5/8"	25



**SHIMS SHOWN  
ACTUAL SIZE**

Applications

Alignment Parts

Heavy Duty

OE Replacement

Racing/Builders

Tools

Brake and CV

Gear/Index

# Parts Camber/Caster Shims

## 47180 - 47184 'N'

Universal 1/2" slot shim	Part #	Thick.	Qty
	47181	1/32"	50
	47182	1/16"	500
	47183	1/8"	50

## 47151 - 47153 'US'

5/8" open. APPS.	Part #	Thick.	Qty
	47151	1/32"	50
	47152	1/16"	50
	47153	1/8"	50

Control arm shaft mount. bolts up to 5/8" dia.

## 47766 - 47768 'CT'

1/2" open. for imports APPS.	Part #	Thick.	Qty
	47766	1/32"	50
	47767	1/16"	50
	47768	1/8"	50

Control arm shaft mount bolts up to 1/2" dia.

## 47775 - 47777 'CC'

9/16" open. H/D Trucks APPS.	Part #	Thick.	Qty
	47775	1/32"	50
	47776	1/16"	50
	47777	1/8"	50

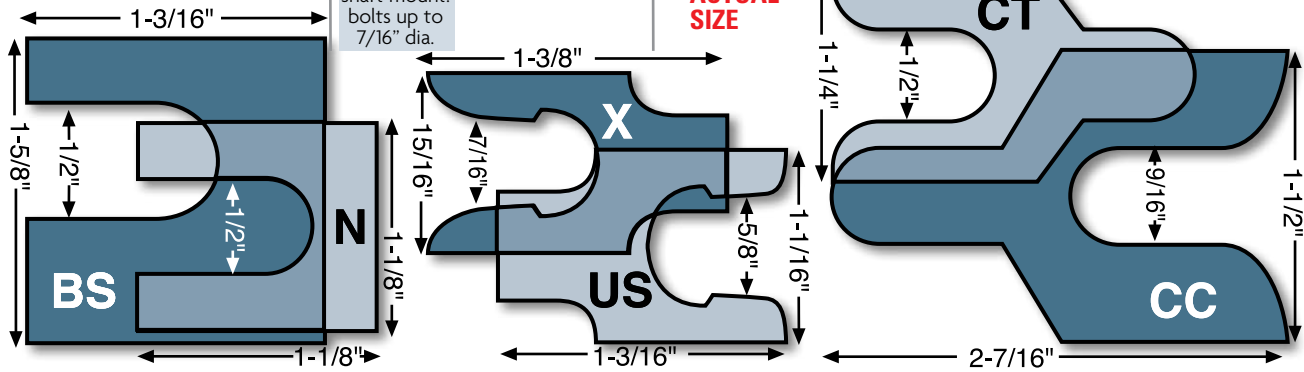
Control arm shaft mount bolts up to 9/16" dia. Including 1/2 - 1-ton Chevrolet GMC trucks, HD service.

## 47762 'X'

7/16" open. APPS.	Part #	Thick.	Qty
	47762	1/16"	50

Control arm shaft mount. bolts up to 7/16" dia.

SHIMS SHOWN ACTUAL SIZE



47171 - 1/32" 47172 - 1/16"  
47173 - 1/8" 6 Shims per part #

### REAR APPLICATIONS

**Chevrolet:** 1963 - 82 Corvette C2/C3

Look for our front adjustable arms for C2/C3 Corvettes on page 139.

## CORVETTE TOE SHIMS

Bring rear toe back into factory specification for C2 and C3 Chevy Corvettes with these stackable shims from SPC. The set includes 6 each of our 1/32", 1/16", and 1/8" shims (total 18 shims). Shims are also available in single size 6 packs.

Set 47170 contains 6 shims ea.: 1/32", 1/16", 1/8"



47240 - 1/32" 47241 - 1/16"  
47242 - 1/8"

Adjustment range: 1/32" to 1/8"

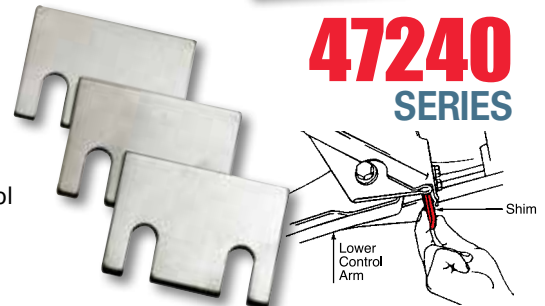
### APPLICATIONS

**Jeep:** 1984 - 01 Cherokee  
1986 - 92 Comanche  
1993 - 04 Grand Cherokee  
1984 - 90 Wagoneer

## JEOP CASTER SHIMS

These shims provide positive caster changes on early model downsized Jeeps by installing them between the lower control arm and the frame bracket. Stackable for larger changes.

6 Shims included per part #



Required: 1 per axle

### APPLICATIONS

#### 63020 - 2-3/8" Width

Vehicles with 2-3/8" wide to 2-3/4" wide leaf springs inc. 60mm, 65mm and 70mm leaf springs of import trucks. All passenger vehicles with rear leaf springs.

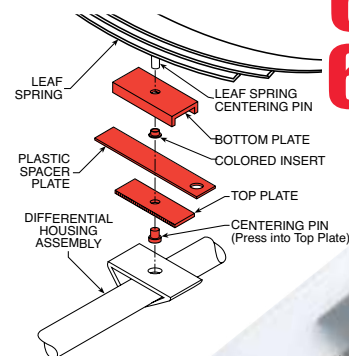
#### 63030 - 3" Width

Vehicles with 3", 3-1/2" and 3-5/8" wide leaf springs including 80mm, 90mm, and 100mm wide leaf springs.

## THRUST ALIGNMENT PLATE

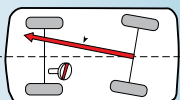
Our thrust alignment plate will allow for corrections of setback and thrust angle on most vehicles with rear leaf springs. Installation is made by loosening the U-bolts holding the leaf spring to the axle, installing the alignment plate between the axle and leaf spring and re-tightening the U-bolts. Widths are available in

2-3/8" and 3", and each kit comes with multiple parts to provide coverage of most vehicles with rear leaf springs, including all early model passenger cars.



63020  
63030

This is THE kit to correct Thrust Angle!



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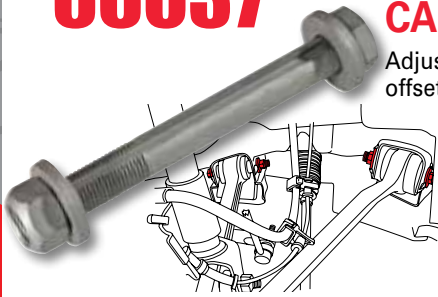
1-800-525-6505

# Parts

## 66037

### CHRYSLER LX CAMBER/CASTER CAM

Adjust camber or caster  $\pm 0.3^\circ$  using the factory offset in the lower control arm bushings of the popular Chrysler LX platform. Simply replace the OE lower control arm bolts with these grooved bolts to achieve the change the factory provides.



**Need more adjustment? Replace the upper control arm with SPC's adjustable upper control arm - #66040, #66045 or #66047 (below).**

**Front Fixed** Adjustment range:  
Camber/Caster  $+0.3^\circ$  OR  $-0.3^\circ$

Required: 1 per wheel

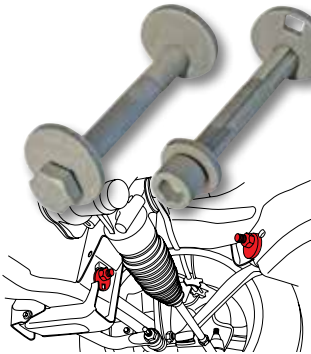
#### APPLICATIONS RWD ONLY

**Chrysler:** 2005 - 10 300  
**Dodge:**  
2008 - 10 Challenger  
2006 - 10 Charger  
2005 - 08 Magnum

## 66038

### DODGE/CHRYSLER LX CAMS (PR)

Add permanent adjustability to the front end of rear wheel drive Dodge Charger, Challenger, and Chrysler 300 vehicles with this cam bolt kit. The kit includes one camber cam and one caster cam to add adjustment to one side of the vehicle and gives  $\pm 1.0^\circ$  camber adjustment and  $\pm 2.0^\circ$  caster adjustment. These components offer the best corrosion protection available with a hex chromate free finish that is certified to meet 700hr salt spray test requirements. You will need SPC's punch tool #74920 or a rotary file like #85130 to slot the factory bolt holes.



**Front** Adjustment range:


Camber  $+1.0^\circ$  Caster  $\pm 2.0^\circ$

Required: 1 per wheel

#### APPLICATIONS RWD ONLY

**Chrysler:** 2011 - 23 300  
**Dodge:** 2011 - 23 Challenger  
2011 - 23 Charger

**Replace Mopar #68142226AB with this kit.**

 **74920 - Punch, pg 166**  
**85130 - Rotary file, pg 169**

## 66040 66045 66047

### CHRYSLER/DODGE ARM

This adjustable front control arm fits these popular Dodge and Chrysler vehicles and provides both camber and caster changes. Easy to install and even easier to adjust this is the perfect kit for standard alignment issues as well as special suspension tuning problems that occur when you lower these vehicles for performance or appearance. Our 66040 and 66045 feature a fully forged arm while the 66047 features a tubular design, while both incorporate our low-profile adjustable ball joint. These arms fit both the left and right side.



Patent No.  
US 7,513,514

**Front** Adjustment range:

Camber  $\pm 2.0^\circ$  Caster  $\pm 1.0^\circ$

Required: 1 per wheel

#### 66040 APPLICATIONS

**Chrysler:** 2005 - 08 300 RWD  
**Dodge:** 2008 - 08 Challenger RWD  
2006 - 08 Charger RWD  
2005 - 08 Magnum RWD

#### 66045 APPLICATIONS

**Chrysler:** 2009 - 22 300 RWD  
**Dodge:** 2009 - 23 Challenger RWD  
2009 - 23 Charger RWD

#### 66047 APPLICATIONS

**Chrysler:** 2005 - 23 300 AWD  
**Dodge:** 2017 - 23 Challenger AWD  
2006 - 23 Charger AWD  
2005 - 08 Magnum AWD

## 66050

### CHRYSLER/DODGE REAR CAMBER KIT (PR)

This kit allows adjustment of rear camber on the Chrysler LX platform cars regardless of model year bushing size or arm construction. These "set-at-install" bushings can be clocked to provide up to  $\pm 1.5^\circ$  of adjustment by replacing the outboard bushings on both upper control arms. Install these bushings without removing the control arms by using the #66025 adapter and the #40920 bushing press.



**Rear** Adjustment range:

Camber  $\pm 1.5^\circ$

Required: 1 per wheel



#### APPLICATIONS

**Chrysler:** 2005 - 23 300  
2004 - 08 Pacifica  
**Dodge:** 2008 - 23 Challenger  
2006 - 23 Charger  
2005 - 08 Magnum

 **40920 - Performance Ball Joint Press, pg 161**  
**66025 - Bushing Press Sleeves, pg 164**

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**Rear** Adjustment range: Toe  $\pm 1.50^\circ$

Required: 1 per wheel

**APPLICATIONS**

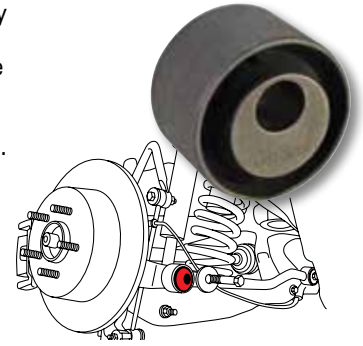
- Chrysler:** 2005 - 23 Pacifica
- Dodge:** 2008 - 23 Challenger  
2006 - 23 Charger  
2005 - 08 Magnum

-  **40920 - Performance Ball Joint Press, pg 161**
- 66025 - Bushing Press Sleeves, pg 164**

## CHRYSLER/DODGE REAR TOE BUSHING

# 66055

Extend the range of rear toe adjustment by  $\pm 1.5^\circ$  on the Chrysler LX platform by installing SPC's offset bushing. The OE toe cam on this platform gives you a  $\pm 1^\circ$  adjustment, this is often not enough, especially if the vehicle has been modified. Replace the OE bushing with SPC's offset bushing, fine tune with the OE cam. Because the OE toe link is trapped, this kit is designed to replace the outer bushing while the arm is on the car to save time.



**Rear** Adjustment range: Camber  $\pm 2.50^\circ$

Required: 1 per wheel

**APPLICATIONS**

- Chrysler:** 2007 - 10 Sebring
- Dodge:** 2008 - 10 Avenger  
2009 - 10 Journey



## CHRYSLER/DODGE EZ ARM XR™

# 67015

This fully adjustable EZ Arm provides rear camber changes of  $\pm 2.5^\circ$ . From street to track our adjustable control arm offers simple installation and adjustment for optimal performance.



**Rear** Adjustment range: Camber  $\pm 4.00^\circ$

Required: 1 per wheel

**APPLICATIONS**

- Chrysler:** 2011 - 14 200
- Dodge:** 2011 - 14 Avenger  
2011 - 20 Journey

## CHRYSLER JC/JS EZ ARM XR™

# 67018

This fully adjustable trailing link provides  $\pm 4^\circ$  camber change for the rear of the Chrysler 200, Dodge Avenger and Journey. The simple to install "remove and replace" kit provides a lifetime of adjustability to maximize tire life and dial in handling.



**Rear** Adjustment range: Camber  $\pm 3.50^\circ$

Required: 1 per wheel

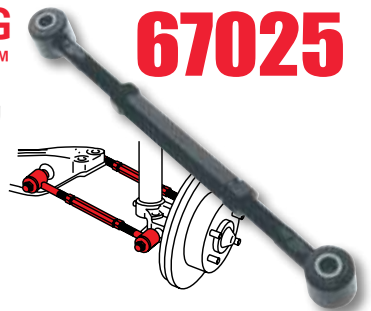
**APPLICATIONS**

- Chrysler:** 2004 - 06 Sebring Sedan & Conv.
- Dodge:** 2004 - 06 Stratus Sedan

## STRATUS AND SEBRING EZ ARM XR™

# 67025

Adjust rear camber on 2004 - 06 Sebring and Stratus sedans up to  $\pm 3.5^\circ$  with this control arm. Simply replace the non-adjustable OE arm with the EZ Arm XR, and you can adjust the rear camber.



**Rear** Adjustment range: Camber  $-2.00^\circ$  to  $+5.00^\circ$

Required: 1 per wheel

**APPLICATIONS**

- Acura:** 1997 - 00 EL  
1990 - 01 Integra
- Honda:** 1988 - 00 Civic; 1997 - 01 CR-V  
1988 - 92 CRX; 1992 - 97 Del Sol

## HONDA/ACURA REAR EZ ARM XR™

# 67030

These arms are for vehicles that retain the stock ride height or have been lowered for performance. Replace the OE arm with the EZ Arm XR, and adjust the rear camber  $-2^\circ$  to  $+5^\circ$ .



**NOTE:** Some vehicles may need longer bolts when using this arm. Use set #73415 found on our website.

## 67090 67095



### HONDA/ACURA REAR EZ ARM XR™

For many Hondas and Acuras, these arms have an OE style ball joint integrated into a complete arm assembly and they have a full 6° range of rear camber change with our turnbuckle adjustment system.

**Rear** Adjustment range:  
Camber -2.00° to +4.00°  
Required: 1 per wheel

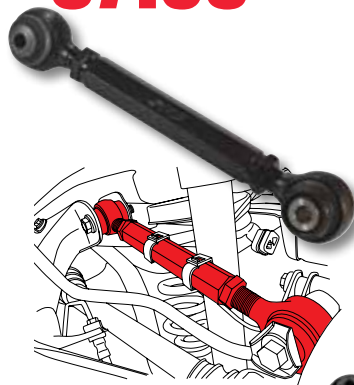
#### 67090 APPLICATIONS

- Acura:** 2001 - 04 CL; 1996 - 04 RL; 1999 - 03 TL
- Honda:** 1998 - 02 Accord

#### 67095 APPLICATIONS

- Acura:** 2004 - 08 TL

## 67105



### 1 & 3 SERIES BMW ADJ. CAMBER ARM

Factory camber adjustment on the rear of the BMW 1 & 3 Series is limited and often not enough. Use SPC's rear camber arm to get an additional ±3° of camber on the E90, E91, E92, & E93 as well as the E82 & E88 models. Simply replace the OE link with SPC's adjustable link and adjust camber to minimize tire wear, optimize handling, or get ready for the track. Once camber is where you want it, set toe with the OE cam and you are good to go. This arm is equipped with SPC's xAxis™ ball joint and a bonded rubber bushing to maintain factory ride quality.

**Rear** Adjustment range:  
Camber ±3.00°  
Required: 1 per wheel

#### APPLICATIONS

- BMW:** 2008 - 13 1 Series Incl 1M Coupe
- 2007 - 13 3 Series (Coupe & Conv.)
- 2006 - 12 3 Series (Sedan & Wagon)
- 2007 - 13 M3

## 67108



### BMW/MINI REAR ADJ. CONTROL ARM

Get ±3° of camber adjustment on your late model BMW or MINI with this rear camber arm from SPC. Whether you need to improve tire life, add aggressive camber settings for the track, or just want a better handling car for the street, this is the arm for you. The high strength steel arm features fully forged ends and high durometer rubber bushings for long life, minimized noise, vibration, and harshness (NVH), and great handling characteristics. The easy to adjust turnbuckle and the remove and replace design make this a hassle free install with lifetime adjustability.

**Rear** Adjustment range:  
Camber ±3.00°  
Required: 1 per wheel

#### APPLICATIONS

- BMW:** 2016 - 22 X1 (F48)
- 2018 X2 (F38)
- MINI:** 2014 - 22 Cooper 3-Door (F55/F56)
- 2016 - 22 Cooper Clubman (F54)
- 2016 - 22 Cabrio (F57)
- 2017 - 22 Countryman (F60)

## 67110



### BMW REAR CAMBER ARM

For BMW E36, E46 and E85 bodied vehicles this tubular style arm is great when lowering this popular vehicle, or for correcting rear camber on stock vehicles.

**For high performance applications check out our billet aluminum arm (#72110) on page 109.**

**Rear** Adjustment range: Camber -1.00° to +3.00°  
Required: 1 per wheel

#### APPLICATIONS

- BMW:** 2000 - 06 3 Series Coupe and Convertible (E46)
- 1999 - 05 3 Series Sedan and Wagon (E46)
- 1992 - 99 3 Series 318, 323 and M3 (E36)
- 2003 - 08 3 Series Z4 (E85)



**87565 - Rear Toe Adjusting Tool, pg 174**

# Parts

## ADJUSTABLE BALL JOINT

Adjustment range: Camber  $\pm 1.50^\circ$

Required: 1 per wheel



### APPLICATIONS FRONT

**67115** **Ford:** 2006 - 12 Fusion **Mazda:** 2003 - 08 Mazda6  
**Lincoln:** 2007 - 12 MKZ **Mercury:** 2006 - 11 Milan  
 2006 Zephyr

**67125** **Acura:** 2001 - 04 CL; 1997 - 99 CL (w/35.3mm Ball Joint Dia.)  
 1999 - 08 TL; 1996 - 98 TL 2.5; 2004 - 08 TSX  
**Honda:** 1998 - 02 Accord; 1988 - 91 Civic; 1988 - 92 CRX  
 1995 - 98 Odyssey  
**Isuzu:** 1996 - 99 Oasis

**67135** **Acura:** 1997 - 00 EL; 1990 - 01 Integra; 1991 - 96 Legend  
 1996 - 04 RL; 2009 - 14 TL; 1996 - 98 TL 3.2  
 2009 - 14 TSX  
**Honda:** 2003 - 12 Accord; 2010 - 15 Accord Crosstour  
 1992 - 00 Civic; 1997 - 01 CRV  
 1992 - 97 Del Sol  
 1997 - 02 Prelude (Non-SH)

**OE Replacement ball joint available - #67245 page 155.**



**67145** **Acura:** 1997 - 99 CL (w/33.5mm Ball Joint Dia.)  
**Honda:** 1990 - 97 Accord

**67165** **Acura:** 1992 - 94 Vigor  
**Honda:** 1992 - 96 Prelude; 1997 - 02 Prelude SH  
 1992 - 94 Prelude 4WS

**67180** **Chrysler:** 1995 - 00 Cirrus; 2001 - 06 Sebring Sedan  
 1996 - 06 Sebring Conv.  
**Dodge:** 1995 - 06 Stratus Sedan  
**Plymouth:** 1996 - 00 Breeze

**67190** **Hyundai:** 2006 Azera (before 10/31/06)  
 1999 - 06 Sonata (before 9/21/06); 2001 - 05 XG300/350  
**Kia:** 2004 - 06 Amanti; 2001 - 06 Optima

**67195** **Hyundai:** 2007 - 11 Azera (after 10/31/06)  
 2007 - 10 Sonata (after 9/21/06)  
**Kia:** 2007 - 11 Amanti

### APPLICATIONS REAR

**67155** **Honda:** 1995 - 98 Odyssey  
**Isuzu:** 1996 - 99 Oasis

**67165** **Honda:** 1992 - 02 Prelude;  
 1997 - 02 Prelude SH

**See our Adjustable Ball Joint for Honda S2000 on pg 90**  
**See our Adjustable Ball Joint for Lexus on pg 95**

These adjustable upper ball joints allow for front camber adjustments for many vehicles with upper control arms. By replacing the factory ball joint, this sliding ball joint allows for greater changes than previously available. With an OE quality replacement ball joint, this sliding plate assembly is perfect for vehicles that have been lowered for performance, or retain the factory ride height. For changes greater than  $+1.5^\circ$  check out our Extended Range Ball Joints on page 94.

- Best clearance in the industry
- Exclusive 'low-profile' design
- OE strength built-in
- Preferred by professional installers



**40920 - Perf. Ball Joint Press, pg 161**

**Rear Adjustment range:**  
**1 Kit per Axle** Toe Only  $\pm 1.50^\circ$   
**2 Kits per Axle** Toe  $\pm 3.00^\circ$   
 Camber  $\pm 3.00^\circ$

Required: 1 or 2 per Axle (above)

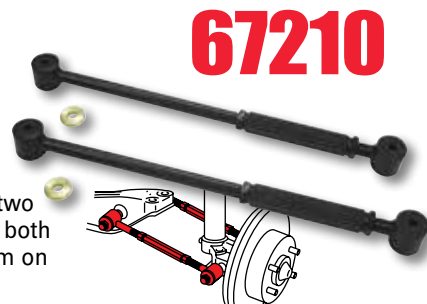
### APPLICATIONS

**Dodge/Plymouth:** 1994 - 06 Neon  
 Including SRT 4

**Note: Each kit includes 2 arms**

## NEON EZ ARM XR™ (PR)

These control arms make it possible to adjust rear camber and toe on all Dodge and Plymouth Neons, including the SRT 4. These arms can be used on vehicles that have been lowered as well as vehicles that have retained their stock ride height. When two arms are used on each side you can change both camber and toe  $\pm 3.0^\circ$ . If you use just one arm on each side only  $\pm 1.5^\circ$  toe change is available.



# 67210

# Parts

## 67220

### HONDA S2000 BALL JOINT

Designed specifically for the S2000, this ball joint corrects camber on both the front and rear. An OE quality ball joint, this adjustable ball joint corrects camber up to  $\pm 1.5^\circ$ .

**\*NOTE: This ball joint is ONLY for vehicles equipped with wheels (both front and rear) that are 17" or larger**

**Front/Rear\*** Adjustment range:  
Camber  $\pm 1.5^\circ$

Required: 1 per wheel

#### APPLICATIONS

**Honda:** 2000 - 09 S2000

 **40920 - Perf. Ball Joint Press, pg 165**



## 67230

### HONDA/ACURA EZ ARM XR™

This EZ Arm corrects rear camber on Honda's redesigned 2001 - 05 Civic along with the 2002 - 06 Acura RSX. Simply replace the OE arm with this arm, perfect for stock height and lowered vehicles.

**Rear** Adjustment range:  
Camber  $-4.00^\circ$  to  $+6.00^\circ$

Required: 1 per wheel

#### APPLICATIONS

**Acura:** 2001 - 05 EL; 2002 - 06 RSX  
**Honda:** 2001 - 05 Civic



## 67265

### EXTENDED RANGE HONDA/ACURA REAR EZ ARM XR™

These arms correct rear camber on vehicles that have been lowered up to 3.0" with an adjustment range of  $-2.0^\circ$  to  $+3.5^\circ$ . The "bent" design of the arm gives extra clearance. 67265 comes with a non-directional ball joint preinstalled. (Stock vehicles - use **67065** available on the website).

**Rear** Adjustment range:  
Camber  $-2.00^\circ$  to  $+3.50^\circ$

Required: 1 per wheel

#### APPLICATIONS

**Acura:** 1997 - 99 CL  
1996 - 98 TL  
1992 - 94 Vigor  
**Honda:** 1990 - 97 Accord



## 67270

### SATURN REAR EZ ARM XR™

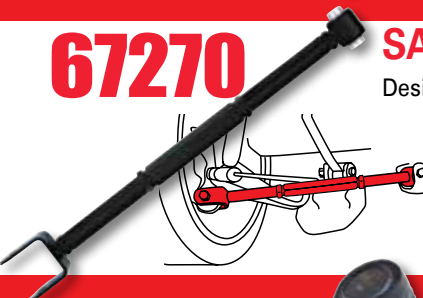
Designed to adjust camber on the Saturn "L" series cars, this arm is easy to install and provides rear camber adjustment for the life of the vehicle. With its  $8^\circ$  adjustment range this arm can handle extreme amounts of camber changes that may be needed if you lower the Saturn "L".

**Rear** Adjustment range:  
Camber  $\pm 4.00^\circ$

Required: 1 per wheel

#### APPLICATIONS

**Saab:** 2000 - 09 9-5  
w/o Auto Leveling Headlights  
**Saturn:** 2000 - 05 L-Series



## 67275

### FORD ADJUSTABLE CAMBER ARM

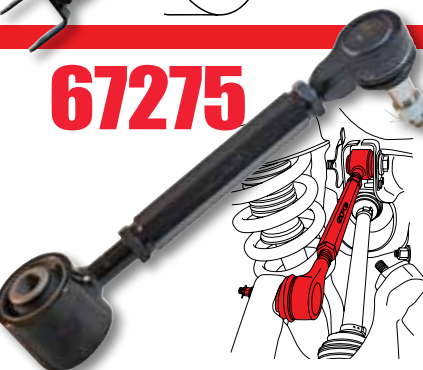
Add adjustment to the Ford Expedition rear suspension. This arm replaces the factory non-adjustable upper control arm and allows easy on-car adjustment to dial in the camber exactly where you want it. The bonded rubber bushing retains factory ride and vibration quality while providing a long service life.

**Rear** Adjustment range:  
Camber  $\pm 3.0^\circ$

Required: 1 per wheel

#### APPLICATIONS

**Ford:** 2009 - 17 Expedition  
**Lincoln:** 2009 - 17 Navigator



## 67285

### ESCAPE/TRIBUTE REAR CAMBER ARM

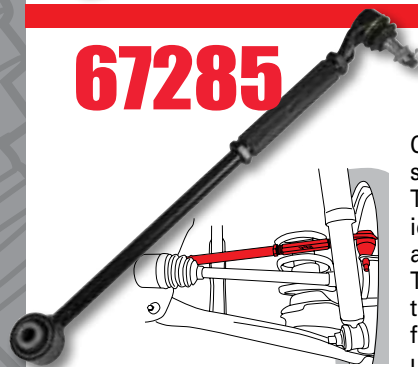
Correct camber on previously non-adjustable suspensions with this adjustable control arm. The remove and replace design makes the arm ideal for quick and easy alignment adjustment as well as simple chassis part replacement. The adjustable arm has an easy to access turnbuckle design that adjusts camber  $\pm 2.0^\circ$ , factory toe adjustments can then be used to complete the alignment.

**Rear** Adjustment range:  
Camber  $\pm 2.00^\circ$

Required: 1 per wheel

#### APPLICATIONS

**Ford FWD/AWD:**  
2001 - 12 Escape  
**Mazda FWD/AWD:**  
2001 - 11 Tribute  
**Mercury FWD/AWD:**  
2005 - 11 Mariner



Applications

Alignment Parts

Heavy Duty

OE Replacement

Racing/Builders

Tools

Brake and CV

Gear/Index

**Rear Adjustment Range:**  
**67289 (5 ARM SET)**

Camber:  $\pm 3.0^\circ$

Toe:  $\pm 3.0^\circ$

Setback:  $\pm 1.0''$

**67290** Camber:  $-2.0^\circ$  to  $+4.0^\circ$

**67291** Camber:  $\pm 3.0^\circ$

**67292** Setback:  $\pm 1''$

**67293** Setback:  $\pm 1''$

**67295** Toe:  $\pm 3.0^\circ$

Required: 1 per wheel

**APPLICATIONS**

**67289, 67290, 67291, 67292, 67293, 67295**

**Acura:** 2004 - 08 TSX

**Honda:** 2003 - 07 Accord

**67290 ONLY**

**Acura:** 2001 - 06 MDX

**Honda:** 1999 - 04 Odyssey

2003 - 08 Pilot

See the web for in-depth information on this kit and how it will work in the Honda/Acura multi-link suspension.

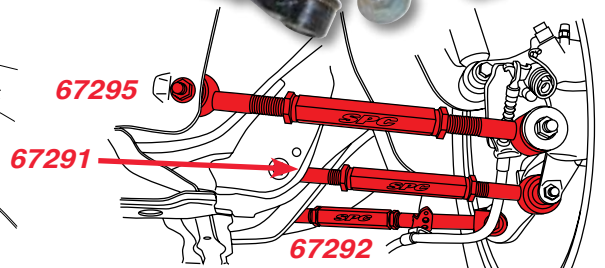
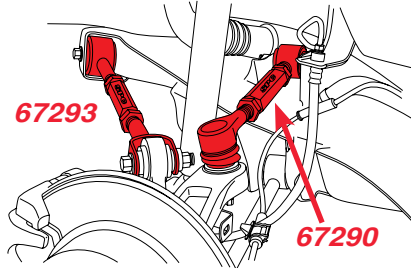


## HONDA/ACURA 5 ARM SET

Use this five (5) link set to adjust camber, toe, set-back, and track width on your Accord, TSX, and many more Honda & Acura models. Whether you are modifying your suspension for the track or getting your alignment angles back after adjusting ride height, this is the most comprehensive kit for you. Honda's multilink set-up is susceptible to binding if you try to change the length of just one of the arms. This kit corrects that and will let you set your suspension where you want it without binding.

**Attention: The sequence of arm adjustments made is extremely important when upgrading this multi-link system.**

**Upper Camber 67290**  
**Lower Camber 67291**  
**Lower Setback 67292**  
**Upper Setback 67293**  
**Toe 67295**



### 67290 - UPPER CAMBER LINK WITH BALL JOINT

Adjust camber up to  $\pm 1^\circ$  with this adjustable camber link by itself. If more than  $1^\circ$  change is required, #67291 and #67292 may be required. Comes with two flanged castle nuts to fit both steel and aluminum knuckles.

### 67291 - LOWER CAMBER LATERAL LINK

Use this arm to affect setback, camber and track width. This arm ties into the knuckle directly below the 67290. Adjusting this in unison with the upper link will take bind out of the system.

### 67292 - LOWER FORWARD LATERAL LINK

Use this arm to affect setback and toe. These links have bonded rubber bushings to maintain factory levels of noise vibration and harshness (NVH).

### 67293 - UPPER REARWARD LATERAL LINK

Use this arm to affect setback and track width. The arm's adjustability will allow you to remove bind as you adjust camber with the other arms.

### 67295 - TOE LINK

Use this arm to affect toe and track width. The kit also includes a replacement bolt and nut for the inboard end where we have found the OE cam bolt is often corroded and gets destroyed upon removal.

## JOUNCE SPACERS (4)

Dial in your up-travel stops on coil over suspensions. These easy to use Jounce Bumper Spacers allow you to control up-travel by simply placing urethane spacers between your factory bump stop and the shock body. The closed wedge design allows you to install the spacers without removing the spring or disassembling your strut. Take them out as easily as you put them in if you want to increase up travel. Each of the four spacers will decrease your up-travel by 8mm at the strut.



## 67300

These Jounce Spacers are featured on our 72123 and 72130 Nissan arms

# Parts

Applications

Alignment Parts

Heavy Duty

OE Replacement

Racing/Builders

Tools

Brake and CV

Gear/Index

# 67320 67330 67340 67360

## EXTENDED RANGE ADJUSTABLE BALL JOINT

Able to change camber from +1.50° up to +3.0° these ball joints are perfect for lowered vehicles. For changes less than +1.5° check out our **Adjustable Ball Joints** on page 91.

*These ball joints have the best clearance in the industry - thanks to our exclusive 'low-profile' design. And with OE strength built in, our ball joints are the ones that more pro installers use.*

 **40920 - Perf. Ball Joint Press, pg 161**

Adjustment range: Camber +1.50° to +3.00°

Required: 1 per wheel



### APPLICATIONS FRONT

**67320** Acura: 2001 - 04 CL; 1997 - 99 CL (w/35.3mm Ball Joint Dia.)  
1999 - 08 TL; 1996 - 98 TL 2.5; 2004 - 08 TSX  
Honda: 1998 - 02 Accord; 1988 - 91 Civic  
1988 - 92 CRX; 1995 - 98 Odyssey  
Isuzu: 1996 - 99 Oasis

**67330** Acura: 1997 - 00 EL; 1990 - 01 Integra; 1991 - 96 Legend  
1996 - 04 RL; 2009 - 14 TL; 1996 - 98 TL 3.2  
2009 - 14 TSX  
Honda: 2003 - 12 Accord; 2010 - 15 Accord Crosstour  
1992 - 00 Civic; 1997 - 01 CRV; 1992 - 97 Del Sol  
1997 - 02 Prelude (Non-SH)

**67340** Acura: 1997 - 99 CL (w/33.5mm Ball Joint Dia.)  
Honda: 1990 - 97 Accord

**67360** Acura: 1992 - 94 Vigor  
Honda: 1992 - 96 Prelude  
1997 - 02 Prelude SH  
1992 - 94 Prelude 4WS

### APPLICATIONS REAR

**67360** Honda: 1992 - 02 Prelude



# 67381 67382

## HONDA ADJUSTABLE LOWER BALL JOINT

Ideal for on-track performance or street duty, this maintenance-free sealed ball joint will do the job. Need positive change? ball joint #67382 will give up to +1° change on the Civic and up to +.5° change on the CR-V.

**NOTE: DOES NOT FIT CIVIC TYPE R.**

**OE Replacement ball joint available - #12715, page 153.**

**Front Camber** Adjustment range:

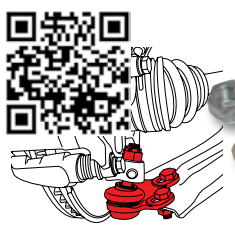
**67381** Civic: 0° to -1.0°  
Accord & CR-V: 0° to -.5°

**67382** Civic: 0° to +1.0°  
Accord & CR-V: 0° to +.5°

Required: 1 per wheel

### APPLICATIONS

**Honda:**  
2018 - 22 Accord  
2016 - 21 Civic (not Type R)  
2017 - 22 CR-V



# 67405

## FORD EXPLORER TOE LINK

Add adjustment to the Ford Explorer rear suspension. This arm replaces the factory non-adjustable upper control arm and allows easy on-car adjustment to dial in the camber & toe exactly where needed.

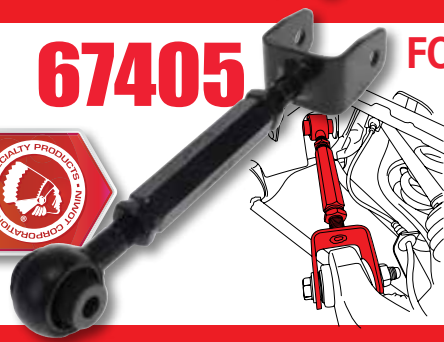
**Rear** Adjustment range:

Toe ±2.5°

Required: 1 per wheel

### APPLICATIONS

**Ford:** 2011 - 19 Explorer



# 67415 67416

## MAZDA3 & CX-5 REAR CAMBER/TOE KIT

This extended range toe cam kit provides ±3.0° of change and using Rotary File #85130, the included extended range toe cam will get toe back to specification. The 67416 also includes an optional bracket for use with '17 & newer models that include an air dam on the lower control arm.

**Rear** Adjustment range:

Camber ±3.00° Toe ±1.50°


Required: 1 per wheel

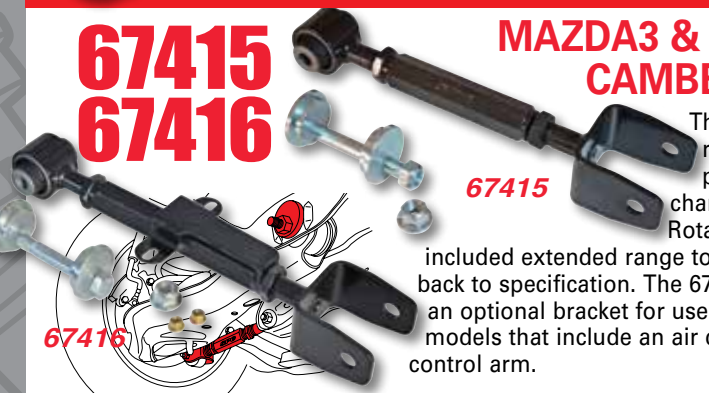
### 67415 APPLICATIONS

**Mazda:** 2014 - 18 Mazda3

### 67416 APPLICATIONS

**Mazda:** 2013 - 24 CX-5

 **85130 - Rotary File, pg 173**



**1-800-525-6505** Call for your nearest distributor, product info or Technical Assistance • In the USA and Canada

[www.specprod.com](http://www.specprod.com)

**Rear Adjustment range:**  
Camber  $\pm 2.0^\circ$  / Toe  $\pm 2.0^\circ$

Required: 1 per wheel

### APPLICATIONS

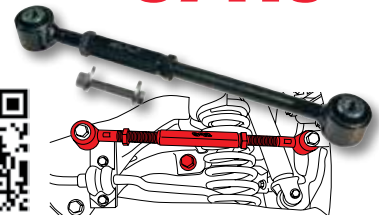
- Hyundai:** 2007 - 10 Elantra  
2011 - 12 Elantra Touring
- Kia:** 2007 - 10 Optima  
2007 - 12 Rondo

## HYUNDAI/KIA REAR EZ ARM XR™

This adjustable rear upper control arm and toe cam kit, for many Hyundai and Kia models, will provide up to  $\pm 2^\circ$  camber and  $\pm 2^\circ$  toe change.



**85130 - Rotary File, pg 173**



**Rear Adjustment range:**  
Toe  $\pm 2.50^\circ$

Required: 1 per wheel

### APPLICATIONS

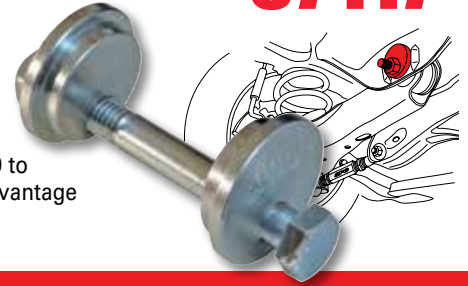
- Mazda:** 2014 - 18 Mazda 3  
2013 - 19 Mazda CX-5



**85130 - Rotary File, pg 173**

## MAZDA REAR TOE CAM

Replace your frozen toe cams on many Mazda vehicles while also adding more adjustability with this extended range toe adjustment kit from SPC. This cam bolt provides  $\pm 2.5^\circ$  of adjustment through the unique stepped cam washer included in the kit. Use rotary file #85130 to extend the factory toe slot to take full advantage of the extended range on this cam bolt.



**Rear Adjustment range:**  
Toe  $\pm 1.0^\circ$

Required: 1 per wheel

### APPLICATIONS

- Mazda:** 2004 - 13 Mazda 3  
2007 - 12 Mazda 5  
2007 - 2012 CX-7



**85130 - Rotary File, pg 173**

## MAZDA REAR TOE CAM

Replace corroded or damaged OE toe cam bolts on the rear of many late model Mazda vehicles with this replacement cam kit from SPC. This cam kit is designed to replace the factory adjusters and provide the same amount of adjustment as the factory part. One kit is used for each side of the vehicle.



## 67418

**Rear Camber Adjustment**

Required: 1 per wheel



**67420** Rear Camber  $-1.5^\circ$  to  $+5.0^\circ$

### APPLICATIONS

- Ford:** 2013 - 18 C-Max; 2013 & Up Escape  
2000 - 18 Focus
- Mazda:** 2004 - 13 Mazda3; 2006 - 15 Mazda5
- Volvo:** 2008 - 13 C30; 2006 - 13 C70  
2004 - 12 S40; 2004 - 11 V50

**67440** Rear Camber  $\pm 3.0^\circ$

### APPLICATIONS

**Toyota:** 2000 - 05 Celica

## CELICA, FORD, MAZDA3, VOLVO, FORGED REAR CAMBER ARM

These high strength forged rear arms are perfect for tuners or installers that need extended camber ranges on these popular platforms. Complete with OE style bushings installed for a factory type ride.



## 67420 67440

**Rear Adjustment range:**  
Camber  $\pm 2.0^\circ$

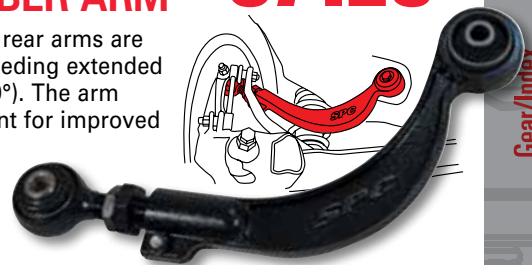
Required: 1 per wheel

### APPLICATIONS

- Ford:** 2006 - 12 Fusion
- Lincoln:** 2006 - 12 Zephyr/MKZ
- Mazda:** 2003 - 13 Mazda 6
- Mercury:** 2006 - 11 Milan

## MAZDA 6 & FORD FUSION ADJ REAR CAMBER ARM

These high strength forged adjustable rear arms are the answer for tuners and installers needing extended camber adjustment ranges (up to  $\pm 2.0^\circ$ ). The arm includes SPC's xAxis™ Sealed Flex joint for improved durability and minimized deflection providing improved handling performance.



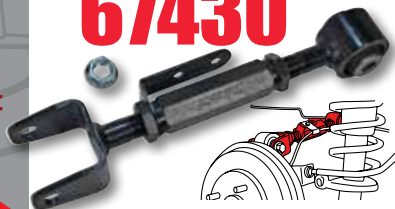
## 67425

# Parts

## 67430

### HONDA CR-V REAR EZ ARM XR™

Gain positive or negative camber adjustment by replacing the OE arm with this turnbuckle adjustable version. This arm can be used on vehicles with stock ride height or vehicles that have been altered for performance.



**Rear** Adjustment range:  
Camber.  $-2.00^{\circ}$  to  $+4.00^{\circ}$

Required: 1 per wheel

#### APPLICATIONS

**Honda:** 2002 - 06 CR-V  
2003 - 11 Element

## 67445

### FORD REAR CAMBER ADJUSTABLE ARM

Add rear camber adjustment to Ford trucks or SUVs with this adjustable length control arm. An adjustment range of  $\pm 3.0^{\circ}$  will get your vehicle back to factory specifications ensuring proper tire wear, improved handling, and excellent ride quality. Each rear arm is equipped with bonded rubber bushings to maintain factory ride.



**Rear** Adjustment range:  
Camber.  $\pm 3.0^{\circ}$

Required: 1 per wheel

#### APPLICATIONS

**Ford:** 2021 - 24 Bronco Sport  
2020 - 24 Escape  
2022 - 24 Maverick  
**Lincoln:** 2020 - 24 Corsair

## 67455

### DODGE/JEEP REAR CAMBER ARM

Replace the non-adjustable rear upper control arm with this adjustable arm to dial in  $\pm 2^{\circ}$  of rear camber on the Dodge Caliber, Jeep Compass and Patriot. This remove and replace arm includes an OE style xAxis™ ball joint and bonded rubber bushing to match chassis design parameters and OE ride quality.



Patent No. US 8,746,714

**Rear** Adjustment range: Camber.  $\pm 2.00^{\circ}$

Required: 1 per wheel

#### APPLICATIONS

**Dodge AWD/FWD:** 2007 - 12 Caliber  
**Jeep AWD/FWD:** 2007 - 17 Compass;  
2007 - 17 Patriot  
**Mitsubishi AWD/FWD:** 2008 - 19 Lancer  
2007 - 20 Outlander  
2011 - 21 Outlander Sport



## 67465

### CIVIC CAMBER BRACKET

This rear bracket and bushing replaces the stock mount on 8th/9th Gen Civics. By rotating the eccentric bolt/cam assembly in the bracket, you can get  $\pm 1.25^{\circ}$  of rear camber change. Use the #75980 bushing removal press to remove the old bushing and to press in the new bushing. Check out #67466 or #67475 rear arm kits for lowered/performance applications.



**Rear** Adjustment range:  
Camber  $\pm 1.25^{\circ}$

Required: 1 per wheel

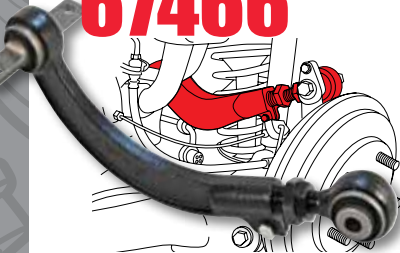
#### APPLICATIONS

**Acura:** 2006 - 11 CSX  
2013 - 22 ILX  
**Honda:** 2006 - 15  
Civic (Incl. Si/Hybrid)

## 67466

### HONDA CIVIC CAMBER ARM

Make rear camber changes easy on Honda's 8th and 9th generation Civics as well as Acura CSX & ILX. Unique adjustment design permits on car adjustment for life and features forged steel construction without any weight penalty vs. the OE arm. Excellent for negative camber and reduced compliance for the track or to get back to OE specifications after lowering.



**Rear** Adjustment range:  
Camber  $\pm 3.0^{\circ}$

Required: 1 per wheel

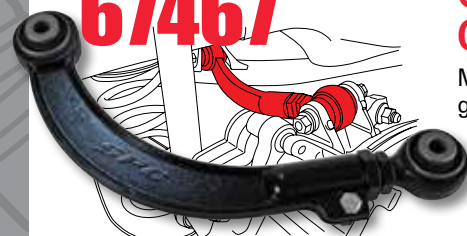
#### APPLICATIONS

**Acura:** 2006 - 11 CSX  
2013 - 22 ILX  
**Honda:** 2006 - 15 Civic  
(Incl. Si/Hybrid)

## 67467

### CIVIC REAR ADJUSTABLE CONTROL ARM

Make rear camber changes on your 10th generation Civic easy. Unique design permits on car camber adjustments for life and features light-weight, forged steel design. Perfect for OE specification adjustment or on-track negative camber performance.



**Rear** Adjustment range:  
Camber  $\pm 3.0^{\circ}$

Required: 1 per wheel

#### APPLICATIONS

**Honda:** 2016 - 21 Civic  
(Except Type R)  
2019 - 20 Insight

Applications

Alignment Parts

NEW

Heavy Duty

OE Replaces

Racing/Builders

Tools

Brake and CV

Gear/Index

**Rear Adjustment range:**  
Camber  $\pm 3.0^\circ$

Required: 1 per wheel

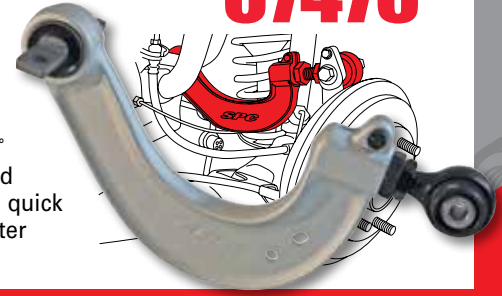
### APPLICATIONS

**Acura:** 2006 - 11 CSX  
2013 - 22 ILX

**Honda:** 2006 - 15 Civic  
(Incl. Si and Hybrid)

## HONDA/ACURA CAMBER ARM 67475

This track ready aluminum adjustable rear camber arm weighs less than the OE arm it will replace and features xAxis™ sealed flex joint to reduce compliance. The unique adjustment design permits on car adjustment of  $\pm 3^\circ$  camber. Perfect for negative camber and reduced compliance for track setup and quick adjustment back to OE specifications after lowering.



**Rear Adjustment range:**  
Camber  $\pm 3.0^\circ$

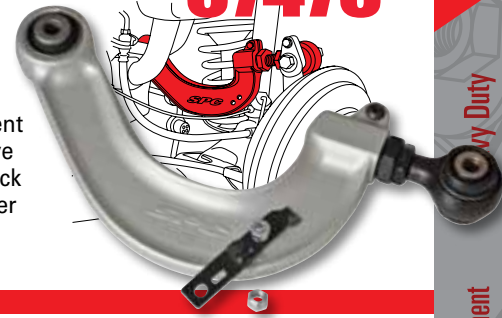
Required: 1 per wheel

### APPLICATIONS

**Honda:** 2018 - 22 Accord  
2016 - 22 Civic  
(Incl. Si and Type R)  
2017 - 22 CR-V / Hybrid  
2019 - 22 Insight

## CIVIC REAR CAMBER ARM 67476

This track ready aluminum arm weighs less than the OE arm it will replace. The arm features SPC's xAxis™ sealed flex joint to reduce compliance. Its unique adjustment design permits on-car adjustment of  $\pm 3.0^\circ$  camber. Whether you need negative camber and reduced compliance for the track or want to get back to OE specifications after lowering, this is the arm for you. Includes bracket for installing on Type Rs.



**Rear Adjustment range:**  
Toe  $\pm 2.5^\circ$

Required: 1 per wheel

### APPLICATIONS

**Honda:** 2018 Accord  
2016 - 21 Civic  
(Incl. Si and Type R)  
2017 - 22 CR-V / Hybrid  
2019 - 22 Insight

## HONDA REAR TOE CAM 67478

Take advantage of SPC's extended cam kit to double the rear toe adjustment range on many Civic, CR-V and ILX models. Some increase can be gained by simply installing the kit, but using a rotary file like SPC #85130 is required to take advantage of the full adjustment range. Use one kit for each side of the vehicle.



**Rear Adjustment range:**  
Toe  $\pm 2.5^\circ$

Required: 1 per wheel

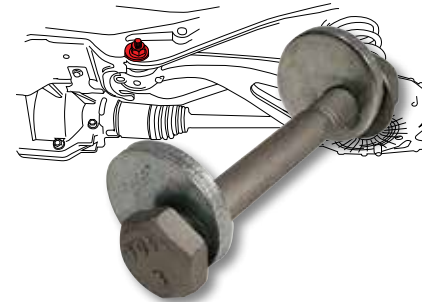
### APPLICATIONS

**Ford:** 2008- 18 Focus  
2013- 19 Escape

**Honda:** 2018 Accord  
2016 - 21 Civic  
(Incl. Si and Type R)  
2017 - 22 CR-V / Hybrid  
2019 - 22 Insight

## HONDA REAR TOE CAM 67477

This extended toe cam kit will allow a full  $\pm 2.5^\circ$  of toe change and features a hex chromate free finish that offers a 700hr salt spray test for the best corrosion protection available. One kit is used for each side of the vehicle. The OE slot will need to be extended to take advantage of the full range of SPC's cam. Use SPC rotary file #85130 or similar.



**Rear Adjustment range:**  
(Includes the camber adjustment built-in from the factory)  
Camber  $+3.25^\circ$

Required: 1 per wheel

### APPLICATIONS

**Scion:** 2005 - 10 tC

**OE Replacement available**  
#12025 See page 148.

## SCION tC REAR ARM 67485

This fixed change arm is ideal for correcting excessive negative camber issues seen in lowered Scion tC's. The Scion tC comes from the factory with a cam bolt that provides  $\pm 1.25^\circ$ . This factory change is not enough change for lowered applications. By increasing the length of the rear upper control arm SPC Performance adds  $2^\circ$  positive camber to the rear suspension that can then be dialed in with the OE cam bolt.



# Parts

Applications

Alignment Parts

Heavy Duty

OE Replacement

Racing/Builders

Tools

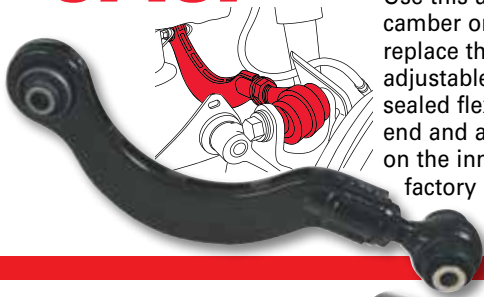
Brake and CV

Gear/Index

## 67487

### SCION tC REAR ARM

Use this adjustable control arm to dial in rear camber on the 2011 and up Scion tC. Simply replace the rear upper control arm with this adjustable arm. Arm includes SPC's xAxis™ sealed flex joint on the outboard end and a bonded rubber bushing on the inner end to maintain factory ride characteristics.



**Rear** Adjustment range:  
Camber  $\pm 2.00^\circ$

Required: 1 per wheel

#### APPLICATIONS

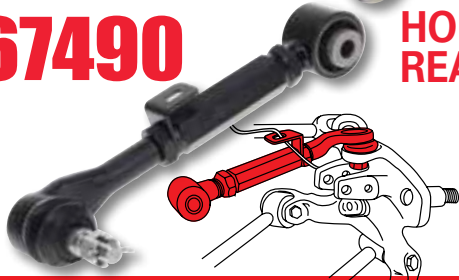
**Lexus:** 2011 - 17 CT  
2010 - 12 HS  
**Scion:** 2011 - 16 tC; 2016 iM  
**Toyota:** 2016 - 18 Corolla iM

**OE Replacement available**  
#12030 See page 152.

## 67490

### HONDA RIDGELINE REAR EZ ARM XR™

This rear camber arm for the Honda Ridgeline has an OE style ball joint integrated into it and has a full 4° of camber change using our turnbuckle adjustment system.



**Rear** Adjustment range:  
Camber  $\pm 2.00^\circ$

Required: 1 per wheel

#### APPLICATIONS

**Honda:**  
2006 - 14 Ridgeline

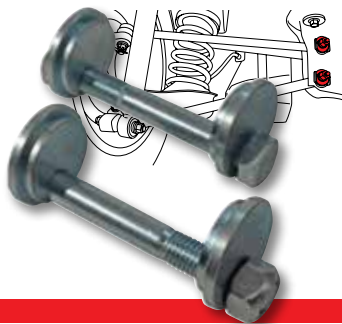


## 67493

### HYUNDAI SANTA FE REAR CAMBER/TOE BOLTS (PR)

Double the change provided by the OE cams for camber and toe on the rear of the 2001 to 2006 Hyundai Santa Fe by using SPC's replacement cams. Use SPC's Rotary File #85130 to elongate the OE slot and take advantage of this cam's extended adjustment range.

**Note:** It is not easy to elongate the upper slot on AWD vehicles, use a right angle drill or SPC's remove and replace arm kit #67495 (below) for the 2003 - 06 Santa Fe.



**Rear** Adjustment range:  
Camber  $\pm 3.00^\circ$  Toe  $\pm 1.50^\circ$

Required: 1 per wheel

#### APPLICATIONS

**Hyundai:** 2001 - 06 Santa Fe



**85130 - Rotary File, pg 173**

## 67495

### SANTA FE ADJUSTABLE REAR ARM AND TOE CAM

Get  $\pm 3.5^\circ$  of camber and  $\pm 1.5^\circ$  of toe change on the rear of the 2003 to 2006 Hyundai Santa Fe by replacing the rear upper control arm. Use the included extended range cam bolt on the lower link to extend toe if needed. Use this kit's remove and replace control arm to replace a failed OE control arm and get the ability to dial in rear camber alignment for improved tire wear and drivability. Need change on an '01 or '02? Use cam kit #67493 (above) to double the change provided by the OE cams.



**Rear** Adjustment range:  
Camber  $\pm 3.50^\circ$  Toe  $\pm 1.50^\circ$

Required: 1 per wheel

#### APPLICATIONS

**Hyundai:** 2003 - 06 Santa Fe



**85130 - Rotary File, pg 173**

## 67510 67515

### LEXUS REAR CAMBER KIT

This cam bolt and bracket kit provides an additional one degree of positive camber change. You will need to elongate the existing camber slot by using #85130 rotary files or equivalent. This is ideal for use on lowered vehicles along with our #67525 adjustable ball joint for front camber change (next page).



**85130 - Rotary File, pg 173**

**Rear** Adjustment range:  
Additional Camber  $+1.00^\circ$

Required: 1 per wheel

#### 67510 APPLICATIONS

**Lexus:** 1998 - 05 GS; 2002 - 10 SC

#### 67515 APPLICATIONS

**Lexus:** 2001 - 05 IS

**Rear** Adjustment range:  
Camber.  $\pm 1.50^\circ$

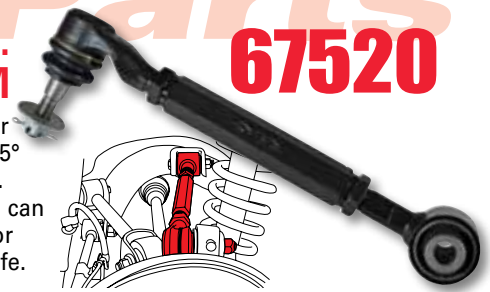
Required: 1 per wheel

### APPLICATIONS

**Lexus:** 2006 - 11 GS; 2006 - 13 IS  
2014 ISF  
2014 - 15 IS Convertible

## LEXUS IS & GS ADJ. REAR CAMBER ARM

SPC's tried and proven adjustable rear arms allow camber changes up to  $\pm 1.5^\circ$  (Limited only by the toe cam's range). With the correct camber dialed in you can set up the popular Lexus IS and GS for superior handling and extended tire life.



# 67520

**Front** Adjustment range:  
Camber  $\pm 1.50^\circ$

Required: 1 per wheel

### 67525 APPLICATIONS

**Lexus:** 2001 - 05 IS

### 67530 APPLICATIONS

**Lexus:**  
2006 - 11 GS  
2006 & Up IS



**40920 - Performance  
Ball Joint Press,**  
pg 165

## LEXUS GS/IS BALL JOINT

Designed specifically for the Lexus GS & IS, this ball joint corrects camber up to  $\pm 1.5^\circ$ . With an OE quality replacement ball joint, this sliding plate assembly is perfect for vehicles that have been lowered for performance, or retain the factory ride height.



# 67525 67530

**Rear** Adjustment Range:  
**67540 (3 ARM SET)**

Camber:  $\pm 3.0^\circ$ /Toe:  $\pm 3.0^\circ$ /  
Setback:  $\pm 1.0$ "

**67545** Camber:  $\pm 1.0^\circ$

**67550\*** Setback:  $\pm 1.0$ "

**67555\*** Toe:  $\pm 1.0$ "

**\* 67550 and 67555 MUST  
be used with arm 67545**

Required: 1 per wheel

### APPLICATIONS

**Acura:** 2015 - 20 TLX AWD  
2009 - 14 TL, TSX

**Honda:** 2008 - 17 Accord  
2010 - 15 Crosstour



## ACCORD/TSX REAR ADJUSTABLE 3 ARM SET

The Honda Accord and Acura TSX Rear Adjustable Control Arm Set (3) provides;  $\pm 3^\circ$  camber adjustment (when using all 3 arms), additional toe change, and  $\pm 1$ " set-back / wheel base adjustment. Whether you need alignment changes to adjust for ride height changes, prepare for a weekend of road racing or correct suspension damage, this 3 piece arm set will provide maximum adjustability.

**Attention: The sequence of arm adjustments made is extremely important when upgrading this multi-link system.**

**See the web for in-depth information on this kit and how it will work in the Accord/TSX multi-link suspension.**



# 67540

Camber **67545**

Lateral **67550**

Toe **67555**

## 67545 - REAR CAMBER ARM

The Honda Accord and Acura TSX Adjustable Rear Camber Arm by itself allows camber change of up to  $\pm 1^\circ$ . If more than  $1^\circ$  change is required toe arm #67555 and lateral arm #67550 may be required. This single arm is also an ideal replacement arm for a damaged OE arm. Attention: Toe will change as you adjust camber with this control arm.

## 67550 - REAR LATERAL ARM

The Honda Accord and Acura TSX Rear Adjustable Trailing Arm is an ideal replacement for a damaged OE component. Additionally, it will provide  $\pm 1$ " set-back/wheel base adjustment. This arm is necessary to correct set-back changes that the #67545 adjustable camber arm and #67555 Adjustable Toe Arm will create when adjusting camber and toe beyond  $\pm 1^\circ$ .

## 67555 - REAR TOE ARM

The Honda Accord and Acura TSX Rear Adjustable Toe Arm is an ideal replacement for a damaged OE toe arm. Additionally, it provides added toe change beyond what the OE Toe Cam offers. This arm will be necessary to correct toe changes that the #67545 adjustable camber arm will create when adjusting beyond  $\pm 1^\circ$ .

# Parts

## 67560

### HONDA/ACURA ADJ. ARM AND CAM SET

This kit includes two (2) adjustable control arms and a toe cam bolt so you can compensate for ride height changes, enhance on-track performance, or correct for suspension damage. The 2015 & up FWD TLX uses a dynamic toe adjustment system that makes traditional suspension alignment difficult. Use this kit to dial in your rear alignment and take full advantage of your advanced suspension design.

Rear Adjustment range:  
Camber  $\pm 3.00^\circ$  Toe  $\pm 2.50^\circ$

Required: 1 per wheel

#### APPLICATIONS

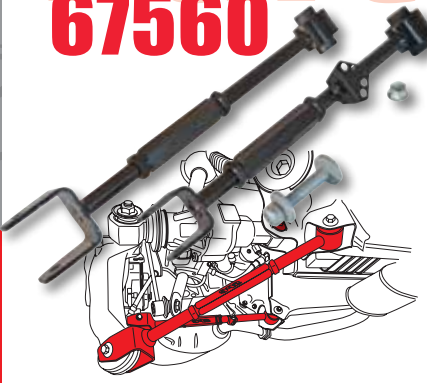
**Acura:** 2009 - 14 TL, TSX  
2015 - 20 TLX

**Honda:** 2008 - 17 Accord  
2010 - 15 Crosstour



74920 - Punch, pg 170

85130 - Rotary File, pg 173



## 67565

### HONDA/ACURA REAR TOE CAM

This extended cam kit more than doubles the change available for many popular Honda and Acura models. One kit is used for each side of the vehicle. The OE slot will need to be extended using the #85130 Rotary File, or similar to take advantage of the full range of SPC's cam.

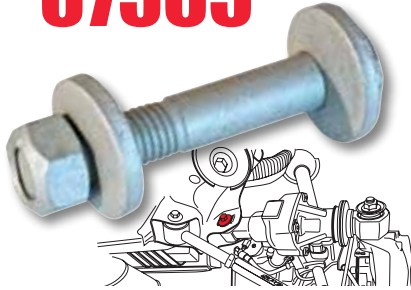
Rear Adjustment range:  
Toe  $\pm 2.50^\circ$

Required: 1 per wheel

#### APPLICATIONS

**Acura:** 2009 - 14 TL, TSX  
2015 - 20 TLX

**Honda:** 2008 - 17 Accord  
2010 - 15 Crosstour  
2003 - 08 Pilot  
2016 - 22 Pilot



## 67567

### HONDA ODYSSEY/PILOT CAMBER ADJ.

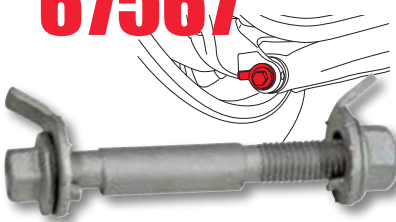
Add camber adjustment to the rear of the Honda Odyssey/Pilot. Simply replace the rear lower control arm bolt with SPC's bolt and get  $\pm 0.5^\circ$  of camber change.

Rear Adjustment range:  
Camber  $\pm 0.50^\circ$

Required: 1 per wheel

#### 67567 APPLICATIONS

**Honda:** 2018 - 24 Odyssey/Pilot



## 67570 67590

### HONDA REAR CAMBER ARMS

These adjustable rear upper control arms, for the Honda Pilot and Odyssey along with Acura MDX, ZDX, delivers  $6^\circ$  of camber change. The adjustable arm has OE style ball joint and bushing making it an ideal piece for both collision repair and traditional wheel alignment needs.

Rear Adjustment range:  
Camber  $-2.00^\circ$  to  $+4.00^\circ$

Required: 1 per wheel

#### 67570 APPLICATIONS

**Acura:** 2007 - 13 MDX  
2010 - 13 ZDX

**Honda:** 2009 - 15 Pilot

#### 67590

#### APPLICATIONS

**Honda:** 2005 - 17 Odyssey



## 67575

### HONDA PILOT / ACURA CAMBER ADJ.

Replace damaged or corroded factory adjusters for the Honda or Acura SUV with these replacement cam bolts.

Rear Adjustment range: Camber.  $\pm 0.50^\circ$

Required: 1 per wheel

#### APPLICATIONS

**Acura:** 2007 - 13 MDX; 2010 - 13 ZDX

**Honda:** 2009 - 15 Pilot



Applications

Alignment Parts

Heavy Duty

OE Replacement

Racing/Builders

Tools

Brake and CV

NEW  
SPECIALTY PRODUCTS  
MOTOR

**Rear** Adjustment range:  
Camber  $\pm 0.50^\circ$

Required: 1 per wheel

### 67576 APPLICATIONS

**Honda:** 2005 - 17 Odyssey

## HONDA ODYSSEY CAMBER ADJ.

Add camber adjustment to the rear of the Honda Odyssey. Simply replace the rear lower control arm bolt with SPC's bolt and get  $\pm 0.5^\circ$  of camber change.



**Rear** Adjustment range:  
Camber  $-2.00^\circ$  to  $+4.00^\circ$

Required: 1 per wheel

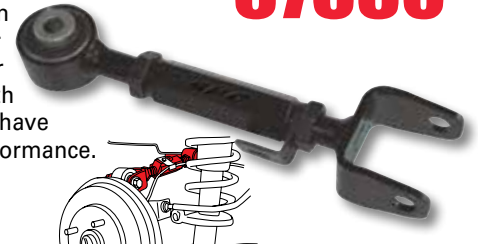
### APPLICATIONS

**Honda:** 2007 - 16 CR-V

## HONDA CR-V REAR ARM

# 67580

With this adjustable arm you can adjust camber either positive or negative with the turnbuckle adjuster and can be used on vehicles with stock ride height or vehicles that have been altered for performance.



**Rear** Adjustment range:  
Camber  $\pm 2.00^\circ$  Toe  $\pm 2.00^\circ$

Required: 1 per wheel

### APPLICATIONS

**Acura:** 2007 - 18 RDX

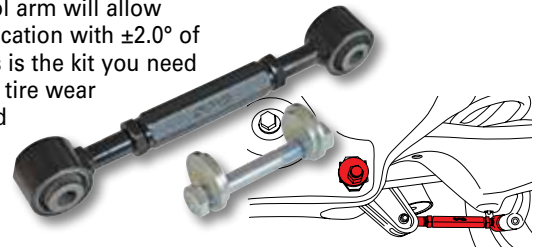


**85130 - Rotary File, pg 173**

## ACURA ADJUSTABLE REAR ARM AND CAM

# 67595

This adjustable rear lower control arm will allow you to bring toe back into specification with  $\pm 2.0^\circ$  of change for your Acura RDX. This is the kit you need to improve handling or decrease tire wear issues. Use a rotary file to extend the factory toe slot and take advantage of the full change provided by the toe cam bolt.



**Rear** Adjustment range:  
Toe  $\pm 2.00^\circ$

Required: 1 per wheel

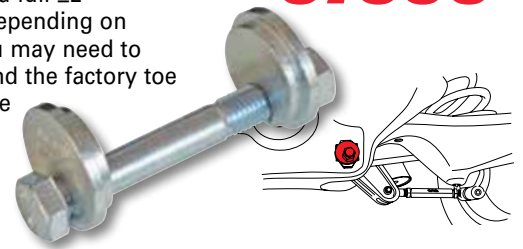
### APPLICATIONS

**Acura:** 2007 - 18 RDX

## RDX REAR TOE CAM

# 67596

Use this kit to take advantage of a full  $\pm 2^\circ$  adjustment on the Acura RDX. Depending on how much change you need, you may need to use a rotary file (#85130) to extend the factory toe slot and take full advantage of the extended range on this cam bolt.



**Rear** Adjustment range: Camber  $\pm 4.00^\circ$   
Required: 1 per axle

### APPLICATIONS

**Mini Cooper:** 2009 - 15 Convertible  
2008 - 14 Clubman; 2011 - 16 Countryman  
2012 - 15 Coupe (Incl. Roadster)  
2002 - 13 Hardtop; 2013 - 16 Paceman

## MINI COOPER REAR CAMBER ARM (PR)

# 67610

These billet aluminum arms are a great camber solution for these tuner vehicles. In a beautiful silver & red anodized finish, these arms give you a full  $\pm 4.0^\circ$  of rear camber change.



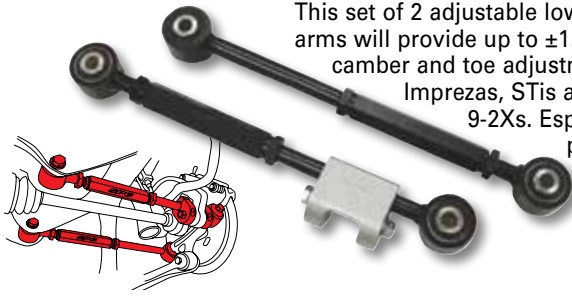
**87566 - MINI Rear Toe  
Adjusting Tool, pg 174**

# Parts

## 67640

### SUBARU/SAAB EZ ARM XR™ (PR)

This set of 2 adjustable lower control arms will provide up to ±1.5° of additional camber and toe adjustment for all 1993 - 07 Imprezas, STis and WRXs as well as Saab 9-2Xs. Especially designed for the performance enthusiast, these arms can be used on lowered or stock ride height vehicles.



Rear Adjustment range:  
Camber ±1.5° Toe ±1.5°

Required: 1 per wheel



#### APPLICATIONS

- Subaru:** 1993 - 07 Impreza  
WRX, STi  
1990 - 99 Legacy, Outback  
1992 - 97 SVX
- Saab:** 2005 - 07 9-2X

Applications

Alignment Parts

Heavy Duty

OE Replacement

Racing/Builders

Tools

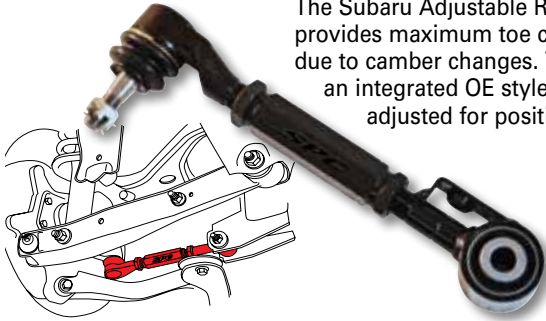
Brake and CV

Gear/Index

## 67655

### SUBARU/SCION ADJ. REAR TOE ARM

The Subaru Adjustable Rear Toe EZ Arm provides maximum toe change required due to camber changes. The toe arm incorporates an integrated OE style ball joint and is easily adjusted for positive or negative toe.



Rear Adjustment range: Toe ±3.0°

Required: 1 per wheel

#### APPLICATIONS

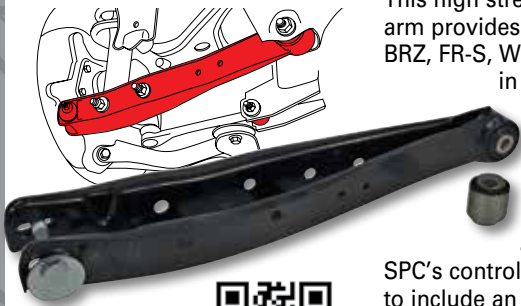
- Scion:** 2013 - 16 FR-S
- Subaru:** 2013 - 20 BRZ  
2009 - 18 Forester  
2010 - 19 Legacy, Outback  
2008 - 16 Impreza  
2008 - 21 WRX (Inc. STi)  
2012 - 17 XV CrossTrek
- Toyota:** 2017 - 20 86

## 67660

### SUBARU/SCION ADJ. REAR CAMBER ARM AND TOE KIT

This high strength adjustable lower rear camber arm provides ±2.0° of change for the popular BRZ, FR-S, WRX and Impreza. Get the ultimate in performance and handling with this stamped arm featuring our new xAxis™ Sealed Flex Joint which performs like a pillow joint but lasts like an OE joint. This kit is easy to adjust with a cam located at the outboard side of the arm.

SPC's control arm is the only kit on the market to include an offset toe bushing to increase the range of your factory cam. If you need more toe consider SPC's toe arm #67655.



Rear Adjustment range:  
Camber ±2.0° Toe 1.5° Fixed

Required: 1 per wheel

#### APPLICATIONS

- Scion:** 2013 - 16 FR-S
- Subaru:** 2013 - 20 BRZ  
2009 - 18 Forester  
2010 - 19 Legacy, Outback  
2008 - 16 Impreza  
2008 - 21 WRX (Inc. STi)  
2012 - 17 XV CrossTrek
- Toyota:** 2017 - 20 86



- 67647 - Bushing Sleeves, pg 168  
72509 - Ball Joint Press, pg 169



## Specialty Products Works!

*SPC parts and tools are used in commercial fleets worldwide. Fleet specialists know that aligning their vehicles correctly prolongs tire life, increases fuel mileage and improves handling and tracking.*

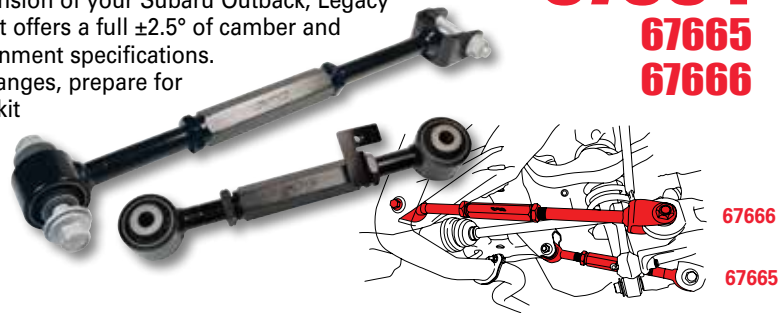
*Check out SPC's FasTrax™ Alignment Gauge. By adding just five minutes to your PM schedule you can protect your tires from premature wear and increase fuel mileage.*

## SUBARU ADJUSTABLE REAR CONTROL ARM KIT

# 67664

# 67665 67666

Fully adjust camber and toe on the rear suspension of your Subaru Outback, Legacy or Baja with this two arm kit from SPC. This kit offers a full  $\pm 2.5^\circ$  of camber and toe change so you can get back to factory alignment specifications. Whether you need to adjust for ride height changes, prepare for the track, or correct for suspension wear, this kit will provide maximum suspension adjustability.



**Rear** Adjustment range:

**67664** Camber/Toe  $\pm 2.50^\circ$

Required: 1 per axle

**67665** Camber  $\pm 2.00^\circ$

Required: 1 per wheel

**67666** Toe  $\pm 1.00^\circ$

Required: 1 per wheel

### APPLICATIONS

**Subaru:** 2003 - 06 Baja  
2000 - 09 Legacy  
2000 - 09 Outback



**74940 - Punch Tool, pg 169**  
**85125 Rotary File pg 173**

Patent No. US 8,746,714

## 67665 - SUBARU ADJ CAMBER ARM

Dial in  $\pm 2.0^\circ$  of rear camber with this remove and replace arm that has bonded rubber bushings to match chassis design parameters and includes the ride height sensor bracket that is needed on some applications. Because of the constraining 5-link suspension design, you will need to slot the frame bracket on the upper control arm to allow the knuckle to pivot for camber change. SPC recommends punch #74940 to make the job quick and easy.

## 67666 - SUBARU REAR LOWER ADJ TOE ARM

Easily adjust rear toe on Subaru Legacy, Baja and Outback models with this adjustable control arm from SPC. This arm provides  $\pm 1.0^\circ$  change with easy on-car turnbuckle style adjustment. The kit also includes replacement control arm hardware coated in our 700 hr salt spray tested hex chromate-free finish for long life. Need rear camber adjustment? Consider purchasing SPC camber arm #67665.

**Rear** Adjustment range:

**67667** Toe  $\pm 1.50^\circ$

Required: 1 per wheel

**67668** Toe  $\pm 1.50^\circ$

*Includes Repl. Rubber Bushing*

Required: 1 per wheel

### APPLICATIONS

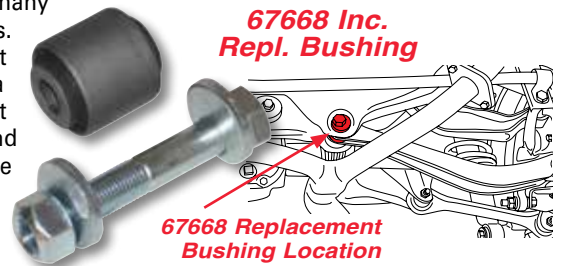
**Subaru:** 2003 - 06 Baja  
2000 - 09 Legacy  
2000 - 09 Outback  
2006 - 10 Tribeca

## SUBARU ADJUSTABLE REAR TOE KIT

# 67667 67668

Need to replace corroded or damaged OE toe cam bolts on the rear of the 2000 to 2009 Subaru Legacy, Outback and many more? SPC gives you options.

67667 is a replacement cam kit. 67668 includes a replacement bushing. Get up to  $\pm 1.5^\circ$  of toe change and then lock it in place with these economical options. One kit is required per side or two for the entire vehicle.



**67668 Inc. Repl. Bushing**

**67668 Replacement Bushing Location**

**Rear** Adjustment range:

Toe  $\pm 3.0^\circ$

Required: 1 per wheel

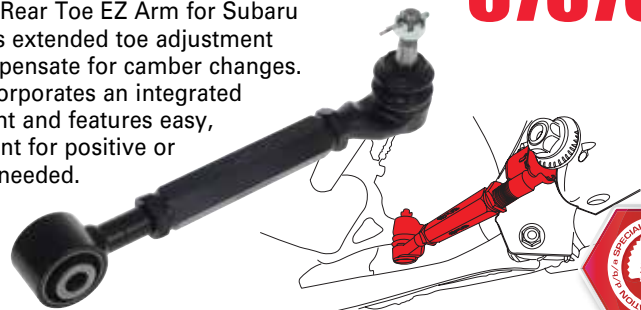
### APPLICATIONS

**Subaru:** 2020 - 24 Outback  
2020 - 24 Legacy  
2018 - 23 Crosstrek  
2019 - 24 Forester  
2017 - 23 Impreza  
2022 - 24 WRX

## SUBARU REAR TOE CAM

# 67675

This Adjustable Rear Toe EZ Arm for Subaru models provides extended toe adjustment required to compensate for camber changes. The toe arm incorporates an integrated OE style ball joint and features easy, on-car adjustment for positive or negative toe as needed.



Applications

Alignment Parts

Heavy Duty

OE Replacement

Racing/Builders

Tools

Brake and CV

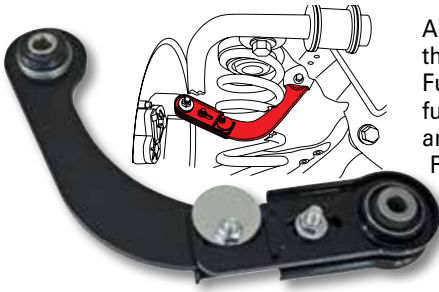
ax

# NEW

# Parts

## 67680

### FUSION ADJUSTABLE REAR CONTROL ARM



Add  $\pm 2.0^\circ$  of camber adjustment to the rear suspension of your '13+ Ford Fusion or Lincoln MKZ with these fully adjustable rear control arms. The arm includes SPC's xAxis™ Sealed Flex joint for improved durability and minimized deflection providing improved handling performance.

**Rear** Adjustment range:  
Camber  $\pm 2.00^\circ$

Required: 1 per wheel

#### APPLICATIONS

**Ford:** 2013 - 20 Fusion  
**Lincoln:** 2013 - 20 MKZ

Patent No. US 8,746,714

## 67690

### FORD REAR BALL JOINT



Use this adjustable ball joint to get  $\pm 1.25^\circ$  camber change on Ford's D3 Platform AWD vehicles like the Five Hundred, Taurus, Sable, Freestyle, and Taurus X from 2005 - 2009. Many of these vehicles develop negative camber in the rear, but there is no factory correction. To get change, you will need to press the OE ball joint out of the knuckle and replace it with this adjustable offset stud design from SPC. Once loosely reassembled, you will be able to easily turn the 8mm hex on the stud and watch camber change. SPC recommends a shop press to press out and in the old and new ball joints.

**Rear** Adjustment range:  
Camber  $\pm 1.25$

Required: 1 per wheel

#### APPLICATIONS AWD ONLY

**Ford:** 2005 - 07 Five Hundred  
2005 - 07 Freestyle  
2008 - 09 Taurus  
2008 - 09 Taurus X

**Mercury:** 2005 - 07 Montego  
2008 - 09 Sable

**OE Replacement ball joint available - #12710, page 152.**

## 67720 240SX Alignment Kits

### FRONT CASTER ROD (PR)



These front strut rods offer caster adjustment and a stiffer rubber bushing provides better handling in performance applications.



**Front** Adjustment range:  
Caster  $\pm 1.5^\circ$

Required: 1 per axle

#### APPLICATIONS

**Nissan:** 1989 - 98 240SX

## 67740

### TOE LINK



This adjustable arm increases the amount rear toe can be changed and it is recommended that this arm be installed when either the #67765 or the #67775/ #67776 (below) is being installed.

**Rear** Adjustment range: Toe  $\pm 2.0^\circ$

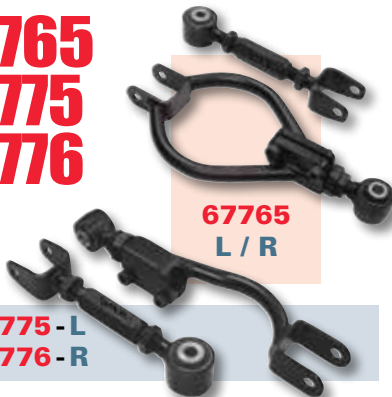
Required.: 1 kit per wheel

#### APPLICATIONS

**Nissan:** 1989 - 98 240SX

## 67765 67775 67776

### REAR CAMBER KITS



67765  
L / R

67775 - L  
67776 - R

These rear arms provide an increased amount of camber change on these popular tuner cars. Two arms are required per side and are adjusted together to give the maximum amount of camber change without affecting wheel setback. Stiffer rubber bushing material is used for better handling in performance applications.

**Rear** Adjustment range:  
Camber  $\pm 3.0^\circ$  (2 Arm Set)

Required: 1 per wheel

#### 67765 APPLICATIONS

Left or Right

**Nissan:** 1989 - 94 240SX  
1990-96 300ZX

**67775** Left

**67776** Right

**Nissan:** 1995 - 98 240SX



**Rear Adjustment range:**  
Toe  $\pm 3.0^\circ$

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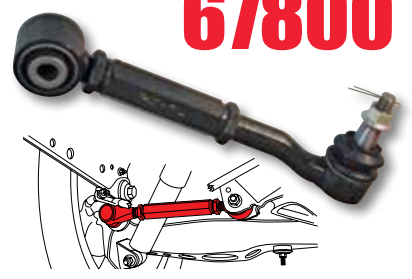
Required: 1 per wheel

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**APPLICATIONS**  
**Lexus:** 2011 - 17 CT; 2010 - 12 HS  
**Scion:** 2016 - 16 iM; 2011 - 16 tC  
**Toyota** 2017 - 18 Corolla iM

## SCION/LEXUS TOE ARM

Extend total toe change on select Scion, Lexus, and Toyota models with SPC's replacement rear toe adjustment arm. Many of these models come with factory adjustment but need more due to factory recalls, lowering, or collision repair. SPC's remove and replace rear link provides  $\pm 3.0^\circ$  of toe change.



# 67800

**Rear Adjustment range:**  
Toe  $\pm 3.0^\circ$

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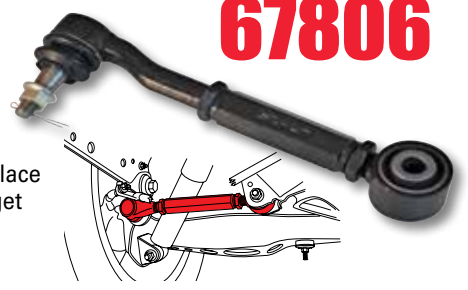
Required: 1 per wheel

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**APPLICATIONS**  
**Toyota:** 2006 - 18 RAV4

## TOYOTA RAV4 REAR ADJUSTABLE TOE ARM

Due to a factory recall for Toyota RAV4's, much of the third generation of this popular platform no longer has provisions for rear toe adjustment. Replace Toyota's non-adjustable rear arm and get  $\pm 3.0^\circ$  of toe change needed to avoid premature tire wear.



# 67806


**Rear Adjustment range:**  
Camber  $\pm 3.00^\circ$

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Required: 1 per wheel

---

**APPLICATIONS**  
**Toyota:** 2006 - 18 RAV4  
**Lexus:** 2015 - 21 NX



Patent No. US 8,746,714

## RAV4 ADJ. CAMBER ARM

Adjust rear camber on late model RAV4 and Lexus NX200t with this adjustable rear camber arm. With  $\pm 3^\circ$  of adjustment, this arm will get your vehicle back into factory specification to ensure proper tire wear, handling, and ride quality. Use **#67810** for the right hand side or **#67811** for the left hand side of the rear suspension.



**RIGHT** **67810**  
**LEFT** **67811**

**Rear Adjustment range:**  
Camber  $\pm 3.00^\circ$

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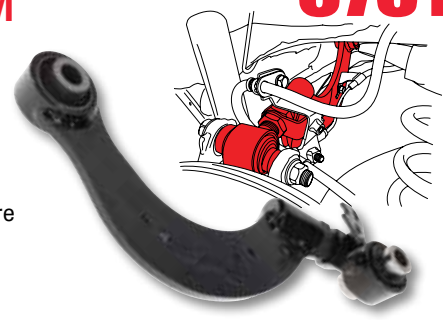
Required: 1 per wheel

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**APPLICATIONS**  
**Toyota:** 2014 - 19 Highlander  
**Lexus:** 2014 - 19 RX

## TOYOTA HIGHLANDER REAR CAMBER ARM

Add rear camber adjustment to your Toyota Highlander or Lexus RX with this adjustable camber arm. With  $\pm 3^\circ$  of adjustment, this arm will get your vehicle back into factory specification to ensure proper tire wear, handling, and ride quality.



# 67815

**Check Your Angles**

Check camber change before, during and after component installation with the **#81139 Magnetic Camber Gauge** (page 172) Replacement Bubble Vial **#81134** and Magnetic Base **#81133** available for years of reliable use.




## 67817

### TOYOTA HIGHLANDER REAR CAMBER ARM

Add rear camber adjustability to the Toyota Highlander with this adjustable camber arm. With  $\pm 3^\circ$  of available adjustment, this arm will get back to factory specification to ensure proper tire wear, handling, and ride quality. Non-handed rear upper control arm is equipped with a bonded rubber inner bushing and xAxis Sealed Flex Joint outer to match OE ride quality and performance.



**Rear** Adjustment range:  
Camber  $\pm 3.00^\circ$

Required: 1 per wheel

#### APPLICATIONS

**Toyota:** 2020 - 24 Highlander

NEW

Alignment Parts

Heavy Duty

Placement

NEW

Racing/Builders

Tools

Brake and CV

Gear/Index

## 67820

### TOYOTA RAV4 REAR CAMBER ARM

Make rear camber adjustable on many late model Toyotas with this camber arm from SPC. The forged steel design features easy on car adjustability and an OE style bonded rubber bushing to maintain factory ride quality. Sold each, order two arms to make the rear fully adjustable.



**Rear** Adjustment range:  
Camber  $\pm 3.00^\circ$

Required: 1 per wheel

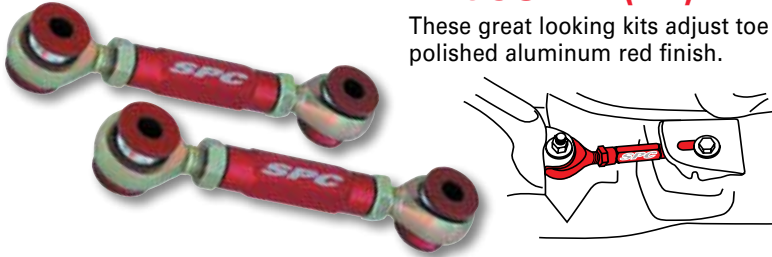
#### APPLICATIONS

**Toyota:** 2019 - 22 Avalon  
2018 - 24 Camry  
2019 - 24 Corolla, Rav4  
2022 - 24 Corolla Cross  
2021 - 24 Rav4 Prime,  
Venza

## 69450

### HONDA/ACURA TOE ADJUSTER (PR)

These great looking kits adjust toe with a polished aluminum red finish.



**Rear** Adjustment range:  
Toe  $\pm 2.00^\circ$

Required: 1 per axle

#### APPLICATIONS

**Acura:** 1997 - 00 EL  
1990 - 01 Integra  
**Honda:** 1992 - 00 Civic  
1997 - 01 CR-V  
1992 - 97 Del Sol

## Trust the Professionals

*Pioneering the alignment business in 1975 Specialty Products has lead the alignment industry for over 45 years. Our staff knows alignment from classic '57 Bel Air Tri-5s to the newest multi-link arm systems prevalent in many of today's luxury vehicles.*

*Our training department has over 75 years experience in the alignment industry. From our local on-site training classes to conducting specialized alignment classes around the world from Vietnam to Puerto Rico our trainers keep up-to-date on all the latest advances in the alignment field. They are also available to help with specific alignment problems at our Tech Line - **800-525-6505***

*When you call into SPC you will talk to our customer service department. Our representatives know alignment and can help installers with everything from getting the correct specs to recommending the perfect part that will solve their alignment issues.*



**Rear Adjustment range:**  
Camber  $\pm 1.00^\circ$  / Toe  $\pm 1.00^\circ$   
Required: 1 shim per wheel/  
per angle changed

### APPLICATIONS

**Toyota FWD:** 1998 - 10 Sienna  
**Nissan FWD:** 2011 - 17 Juke  
2011 - 17 Leaf

## FULL CONTACT REAR SHIMS

These full contact rear shims will correct camber and/or toe. Combination adjustments, or changes up to  $1.0^\circ$  may be achieved by using 2 shims on each wheel.

CAMBER/TOE	
Part No.	Change
71020	.06°
71021	.13°
71022	.25°
71023	.38°
71024	.50°
71025	.75°

## 71000 SERIES



**NOTE:**  
Do NOT adjust  
Camber or  
Toe over  
 $1.0^\circ$

**71000 SHIM SET**  
Includes 12 shims/2 each size



### EZ Cam™ EZ Sizer Magnet #20503 (pg 180)

This magnet sticks on the installer's tool box, out of the way, and is a quick reference tool for measuring the right EZ Cam™ for the job!

**Rear Adjustment range:**  
Camber  $\pm 1.00^\circ$  / Toe  $\pm 1.00^\circ$   
Required: 1 or 2 per wheel

### 71030 Series APPLICATIONS

**Buick:** 2012 - 17 Verano  
**Cadillac:** 2014 - 16 ELR  
**Chevrolet:** 2011 - 19 Cruze  
2011 & Up Volt

### 71050 Series APPLICATIONS

**Buick FWD:** 2013 - 23 Encore  
**Chevrolet FWD:** 2012 - 20 Sonic  
2015 - 22 Trax

### 71030 SHIM SET

Includes 18 shims/  
2 each of  
71031-71035 and  
71041-46

### 71050 SHIM SET

Includes 18 shims/  
2 each of  
71051-71055 and  
71061-71066

## GM REAR TOE AND CAMBER SHIMS

Make rear wheel alignment changes on these twist beam axles with SPC's stackable fixed change shims. Change camber in  $\pm .25^\circ$  increments and toe in  $\pm .10^\circ$  increments. Combine a toe shim with a camber shim to get the exact change required. Stack up to two shims for maximum change.

71030 SERIES		71041 Change	
TOE	Change	CAMBER	Change
71031	$\pm .10^\circ$	71041	+ .25°
71032	$\pm .20^\circ$	71042	+ .50°
71033	$\pm .30^\circ$	71045	- .25°
71034	$\pm .40^\circ$	71046	- .50°
71035	$\pm .50^\circ$		

71050 SERIES		71061 Change	
TOE	Change	CAMBER	Change
71051	$\pm .10^\circ$	71061	+ .25°
71052	$\pm .20^\circ$	71062	+ .50°
71053	$\pm .30^\circ$	71065	- .25°
71054	$\pm .40^\circ$	71066	- .50°
71055	$\pm .50^\circ$		

## 71030 SERIES

## 71050 SERIES



**Rear Adjustment range:**  
Toe  $\pm .50^\circ$   
Required: 1 per wheel

### APPLICATIONS

**Hyundai:** 2012 - 17 Accent  
**Kia:** 2012 - 17 Rio

**CAUTION: Do NOT stack this shim.**  
\* Includes brake caliper shim

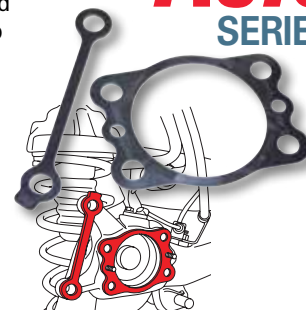
## RIO/ACCENT REAR SHIMS

The twist beam axle on the rear of the Kia Rio and Hyundai Accent does not give you any method to adjust toe. Correct toe and thrust angle issues to improve drivability and increase tire life with these full contact shims.

TOE	
Part No.	Change
71071	$\pm .13^\circ$
71072	$\pm .25^\circ$
71073	$\pm .38^\circ$ *
71074	$\pm .50^\circ$ *

**71070 SHIM SET** Includes  
8 shims/2 each size

## 71070 SERIES



## Become a Certified Installer

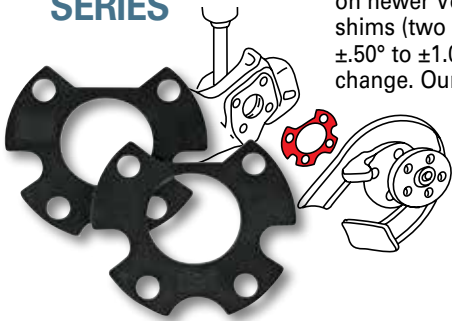
With our FREE online certification program, alignment techs can become an SPC Certified Installer. Developed by our ASE Master Certified technician, this program focuses on providing expertise in alignment aftermarket parts and installation procedures along with cutting edge problem solving. For more go online to: [www.specprod.com/certifiedinstaller](http://www.specprod.com/certifiedinstaller) or email: [training@specprod.com](mailto:training@specprod.com)

# Parts

## 71500 SERIES

### VW/AUDI REAR SHIMS

With these shims you can correct rear camber and toe on newer Volkswagens and Audis. By combining the shims (two may be used on each wheel) you can get  $\pm .50^\circ$  to  $\pm 1.0^\circ$  camber change and up to  $\pm .50^\circ$  toe change. Our wrench (#87530) is a must when installing these shims. It allows you to remove the brake sensor ring, bearing, seal and hub assembly as one unit.



**NOTE:** When installing these shims we recommended that you use our VW Shim Wrench (#87530 pg. 170) to assist in removing the rear hub.

**71500 SHIM SET** Includes 16 shims/2 of each size and 87530 wrench.

TOE		
Part No.	Change	
71520	$\pm .13^\circ$	
71521	$\pm .25^\circ$	
71522	$\pm .38^\circ$	
71523	$\pm .50^\circ$	
CAMBER		
71530	$+.50^\circ$	
71531	$+1.00^\circ$	
71532	$-.50^\circ$	
71533	$-1.00^\circ$	

**Rear Adjustment range:**  
Camber  $\pm .50^\circ$  to  $\pm 1.00^\circ$ /  
Toe  $\pm .13^\circ$  to  $\pm .50^\circ$



Required:  
1 shim per wheel/per angle changed

#### APPLICATIONS

**Audi FWD:** 2000 - 06 TT  
**Volkswagen:** 1998 - 10 Beetle  
1999 - 06 Golf (Except R32)  
1999 - 06 GTI  
1999 - 05 Jetta (Beam Rear Axle)

**CAUTION:** Check brake & rotor clearance for binding. 75970 spacers (page 118) maybe required.



87530 - Wrench

## 71600 SERIES

### TOYOTA SIENNA REAR CAMBER AND TOE SHIMS

These full contact shims correct camber and/or toe on both AWD and FWD Toyota Siennas. Combination adjustments, or changes up to  $1^\circ$  may be made by stacking up to 2 shims per side.



TOE		
Part No.	Change	
71621	$\pm .10^\circ$	
71622	$\pm .20^\circ$	
71623	$\pm .30^\circ$	
71624	$\pm .40^\circ$	
71625	$\pm .50^\circ$	
CAMBER		
71631	$\pm .25^\circ$	
71632	$\pm .50^\circ$	

**Rear Adjustment range:**  
Camber  $\pm .25^\circ$  and  $\pm .50^\circ$   
Toe  $\pm .10^\circ$  to  $\pm .50^\circ$

Required: 1 or 2 shims per wheel

#### APPLICATIONS

**Toyota AWD/FWD:**  
2011- 20 Sienna

**71600 SHIM SET** - Includes 14 shims/2 of each size.



## 71700 SERIES

### CHRYSLER MINI-VAN SHIMS

For camber and toe change, use our mini-van shims that allow for quick and easy changes in increments of: toe  $.10^\circ$  and camber  $.25^\circ$ .



**71700 SHIM SET** - Includes 20 shims/2 of each size

TOE Part No.	Degree of Change	Part No.	Degree of Change
71720	$\pm .10^\circ$ [.05" (1/16")]	71723	$\pm .40^\circ$ [.20" (3/16")]
71721	$\pm .20^\circ$ [.10" (1/8")]	71724	$\pm .50^\circ$ [.25" (1/4")]
71722	$\pm .30^\circ$ [.15" (5/32")]	71725	$\pm .80^\circ$ [.40" (3/8")]

CAMBER Part No.	Degree of Change
71730	$\pm .25^\circ$ (1/4")
71731	$\pm .50^\circ$ (1/2")
71732	$\pm .75^\circ$ (3/4")
71733	$\pm 1.00^\circ$ (1")

**Rear Adjustment range:**  
Camber  $\pm 1.00^\circ$ /Toe  $\pm .10^\circ$  to  $\pm .80^\circ$

Required: 1 shim per wheel/  
per angle changed

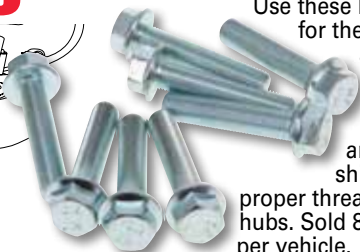
#### APPLICATIONS

**Chrysler** 1996 - 16 Town & Country  
**FWD:** 2000 - 03 Voyager  
**Dodge** 1996 - 07 Caravan  
**FWD:** 1996 - 20 Grand Caravan  
**Ram** 2012 - 15 Tradesman  
**FWD:** Conversion Van  
**Nissan:** 2007 -12 Sentra  
**Plymouth FWD:** 1996 - 01 Voyager  
**Volkswagen FWD:** 2009 - 14 Routan

## 71715

### NISSAN HUB SHIM HARDWARE

Use these longer bolts on the rear axle for the Nissan Leaf and Juke when adjusting the alignment with the 71700 series shims. The factory bolts often aren't long enough when camber and toe are adjusted using SPC's axle shims, these longer bolts ensure proper thread engagement on the rear hubs. Sold 8 per kit, only one kit is needed per vehicle.



**Rear Adjustment range:**  
Camber  $\pm .25^\circ$ ,  $\pm .50^\circ$ ,  $\pm 1.00^\circ$   
Toe  $\pm .10$  to  $\pm .50^\circ$

Required: 1 or 2 shims per wheel

#### APPLICATIONS

**Nissan:** 2011 - 17 Juke  
2011 - 24 Leaf

Applications

Alignment Parts

Heavy Duty

OE Replacement

Racing/Builders

Tools

Brake and CV

Car/Index



**Rear Adjustment range:**  
Camber  $\pm 25^\circ$ ,  $\pm 50^\circ$ ,  $\pm 1.00^\circ$   
Toe  $\pm 10$  to  $\pm 50^\circ$

Required: 1 or 2 shims per wheel

### APPLICATIONS

**Chrysler:** 2001 - 10 PT Cruiser

## PT CRUISER REAR CAMBER AND TOE SHIMS

This easy to install full contact shim is perfect for PT Cruisers needing rear camber or toe adjustment. SPC's fixed change shims will provide  $\pm 10^\circ$  to  $\pm 50^\circ$  of toe change and  $\pm 25^\circ$  to  $\pm 1.00^\circ$  camber change and can be stacked up to two shims.

**71740 SHIM SET** - Includes 22 shims/  
2 of each size

**71740**  
SERIES



TOE Part No.	Degree of Change	Part No.	Degree of Change
71741	$\pm 10^\circ$	71744	$\pm 40^\circ$
71742	$\pm 20^\circ$	71745	$\pm 50^\circ$
71743	$\pm 30^\circ$		

CAMBER Part No.	Degree of Change	Part No.	Degree of Change
71751	$+25^\circ$	71755	$-25^\circ$
71752	$+50^\circ$	71756	$-50^\circ$
71754	$+1.00^\circ$	71758	$-1.00^\circ$

**Rear Adjustment range:**  
Camber  $+50^\circ$ ,  $+75^\circ$ ,  $+1.00^\circ$

Required: 1 or 2 shims per wheel

### APPLICATIONS

**Ford FWD:** 2005 - 07 Five Hundred  
2005 - 07 Freestyle  
2008 - 09 Taurus  
2008 - 09 TaurusX



**Mercury FWD:**  
2005 - 07 Montego  
2008 - 09 Sable FWD

## FORD REAR CAMBER SHIM TAURUS/FREESTYLE

This full contact rear shim adds positive  $0.5^\circ$ ,  $.75^\circ$ , or  $1.0^\circ$  camber to minimize camber related tire wear for 08-09 Ford Taurus and 05-07 Ford Freestyle FWD. Brake caliper shim included for correct hub to caliper alignment.

**71760 SHIM SET**  
Includes 6 shims/2 of each size.

CAMBER Part No.	Change
71762	$+50^\circ$
71763	$+75^\circ$
71764	$+1.00^\circ$



**71760**  
SERIES

**Rear Adjustment range:**  
Camber  $\pm 25^\circ$ ,  $\pm 50^\circ$ ,  $\pm 75^\circ$ ,  $\pm 1.00^\circ$   
Toe  $\pm 13$  to  $\pm 50^\circ$  ( $1/8^\circ$  increments)

Required: 1 shim per wheel/  
per angle changed

### APPLICATIONS

**Fiat:** 2012 - 19 500



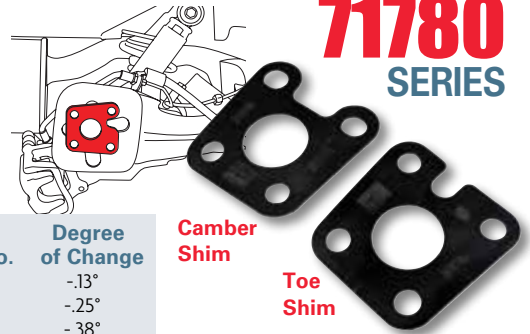
**71770 SHIM SET**  
Includes 26 shims/2 each of each size.

## FIAT REAR CAMBER / TOE SHIMS

Return to factory rear specifications for the Fiat 500 with these fixed change shims. The 24 piece set includes two each of the toe shims to dial in both toe and camber. Shims are also available individually.

CAMBER Part No.	Change
71781	$\pm 25^\circ$
71782	$\pm 50^\circ$
71783	$\pm 75^\circ$
71784	$\pm 1.00^\circ$

TOE Part No.	Degree of Change	Part No.	Degree of Change
71771	$+13^\circ$	71776	$-13^\circ$
71772	$+25^\circ$	71777	$-25^\circ$
71773	$+38^\circ$	71778	$-38^\circ$
71774	$+50^\circ$	71779	$-50^\circ$



**71770**  
SERIES  
**71780**  
SERIES

**Note:** You will need inverted (female) torx socket E20 to remove the hub.

**Rear Adjustment range:**  
Camber  $\pm 25^\circ$ ,  $\pm 50^\circ$ ,  $\pm 75^\circ$ ,  $\pm 1.00^\circ$   
Toe  $\pm 10$  to  $\pm 50^\circ$  ( $.10^\circ$  increments)

Required: 1 shim per wheel/  
per angle changed

### APPLICATIONS

**Honda:** 2015 - 19 Fit

**71790 SHIM SET**  
Includes 18 shims/2 of each size

## HONDA REAR CAMBER / TOE SHIMS

Return to factory rear specifications for the Honda Fit with these fixed change shims. This 18 piece kit includes two each of the toe shims that will adjust from  $\pm 0.1^\circ$  to  $\pm 0.5^\circ$  in  $1/10^\circ$  increments and camber shims that will adjust from  $\pm 0.25^\circ$  to  $\pm 1.0^\circ$  in  $1/4^\circ$  increments. Combine up to two shims to dial in both toe and camber.

TOE Part No.	Change
71791	$\pm 10^\circ$
71792	$\pm 20^\circ$
71793	$\pm 30^\circ$
71794	$\pm 40^\circ$
71795	$\pm 50^\circ$

CAMBER Part No.	Change
71796	$\pm 25^\circ$
71797	$\pm 50^\circ$
71798	$\pm 75^\circ$
71799	$\pm 1.00^\circ$



**71790**  
SERIES

# Parts

## 71830 SERIES

### HONDA HR-V REAR CAMBER AND TOE SHIMS



This 18 piece set includes two of each type of camber and toe shim available for the HR-V. This kit also includes 36 extended length hub bolts needed when shimming the hubs on the HR-V. Combine up to two shims to dial in both camber and toe. These shims are also available individually.

TOE	
Part No.	Change
71831	±10°
71832	±20°
71833	±30°
71834	±40°
71835	±50°

CAMBER	
Part No.	Change
71836	±25°
71837	±50°
71838	±75°
71839	±1.00°

**Rear** Adjustment range:  
Camber ±.25°, ±.50°, ±.75°, ±1.00°  
Toe ±.10 to ±.50° (.10° increments)  
Required: 1 shim per wheel

#### APPLICATIONS

**Nissan:** 2016 - 21 HR-V

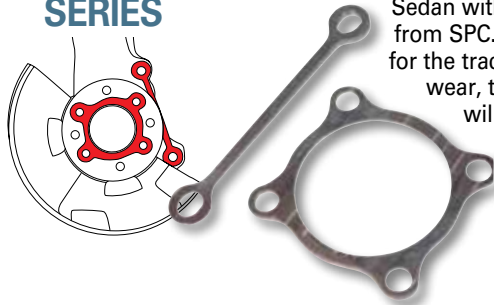
### 71830 SHIM SET

Includes 18 shims/2 of each size.

**NOTE: #71830 KIT INCLUDES 36 EXTENDED LENGTH HUB BOLTS  
INDIVIDUAL SHIMS INCLUDE (X4) BOLTS**

## 71930 SERIES

### HYUNDAI CAMBER SHIM



Adjust front camber on the Hyundai Genesis Sedan with these aluminum full contact shims from SPC. Whether you want negative camber for the track or positive change to reduce tire wear, these easy to install aluminum shims will get the job done.

CAMBER	
Part No.	Change
71932	±50°
71933	±75°
71934	±1.00°
71935	±1.25°

**Front** Adjustment range:  
Camber ±.50°, ±.75°, ±1.0°, ±1.25°  
Required: 1 shim per wheel

#### APPLICATIONS

**Hyundai:** 2009 - 14 Genesis Sedan  
2011 - 13 Equus

**Kia:** 2015 K900

### 71930 SHIM SET

Includes 8 shims/2 of each size.

## 72045

### MUSTANG ADJUSTABLE PANHARD BAR



Complete your suspension tuning project plus get additional pinion and thrust angle adjustments by using SPC's adjustable trailing arms #72345 (page 109)

SPC aluminum panhard bars provide weight savings and adjustability! Manufactured from aircraft grade aluminum, precision machined, and then black e-coated, the SPC panhard bar is the lightest durable unit on the market. High durometer, same sized, vulcanized rubber bushings promote precise handling while maintaining factory noise levels and damping qualities. Adjust your Mustang SPC panhard bar on the car to optimize lateral stability and tracking.

**Rear** Adjustment range:  
Tracking ±1.5"

Required: 1 per axle

#### APPLICATIONS

**Ford:** 2005 - 14 Mustang




## 72050

### NISSAN/INFINITI EXTREME REAR CAMBER/TOE KIT



This is the perfect kit for lowered Z or G35. Provides additional camber and comes with a larger offset toe cam to bring the toe angle back into range. Use the #85130 rotary file set to elongate the toe slots. See #72052 (below) for hi-performance arms.



 **85130 - Rotary File Set, pg 173**

**Rear** Adjustment range:  
Camber ±3.00° Toe ±2.00°

Required: 1 per wheel

#### APPLICATIONS

**Infiniti:** 2003 - 07 G35 Coupe  
w/o rear active steer  
2003 - 06 G35 Sedan

**Nissan:** 2003 - 08 350Z  
2002 - 06 Altima  
2004 - 14 Maxima



**Rear** Adjustment range:  
Camber  $\pm 3.00^\circ$  Toe  $\pm 2.00^\circ$   
Required: 1 per axle

### APPLICATIONS

- Infiniti:** 2003 - 07 G35 Coupe  
w/o rear active steer  
2003 - 06 G35 Sedan
- Nissan:** 2003 - 08 350Z  
2002 - 06 Altima  
2004 - 14 Maxima



**85130 - Rotary File Set,**  
pg 173



See page 111 - 112 for  
additional rear arms for  
Nissans and Infinitis

## NISSAN/INFINITI PERFORMANCE REAR CAMBER/TOE KIT AND LOCKING PLATES (PR)

Dial in  $\pm 3.0^\circ$  camber and  $\pm 2.0^\circ$  of toe to maximize your suspension set-up on the 350Z and G35 with this set of race ready adjustable rear lower control arms (RLCA), camber lockout plates, and extended range toe cams from SPC. Specifically designed for track use, these arms include SPC's xAxis™ sealed flex joints that perform like monoballs, but with non-metal bushings which will last longer than OE bushings. These arms combine xAxis with forged steel receivers and straight-arm construction to minimize compliance under load. Included lockout plates will replace the OE camber cams to give you that extra assurance that your camber is locked in.



**Rear** Adjustment range:  
Camber  $\pm 2.00^\circ$   
Toe  $\pm 2.00^\circ$



Required: 1 per wheel

### APPLICATIONS

- Infiniti:** 2003 - 07 G35 Coupe  
w/o rear active steer  
2003 - 06 G35 Sedan
- Nissan:** 2003 - 08 350Z  
2007 - 13 Altima Coupe  
2002 - 12 Altima Sedan  
2004 - 14 Maxima



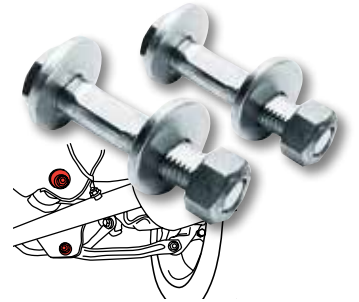
**85130 - Rotary File Set,**  
pg 173



## NISSAN/INFINITI REAR CAMBER/TOE KIT (PR)

These cams (set of 2) replace the OE camber and toe adjustment cams and provide additional camber and toe changes. Adjustment slots will need to be elongated using #85130 rotary file set or equivalent.

# 72055



**Rear** Adjustment range:  
Camber  $-1.00^\circ$  to  $+3.00^\circ$

Required: 1 per axle

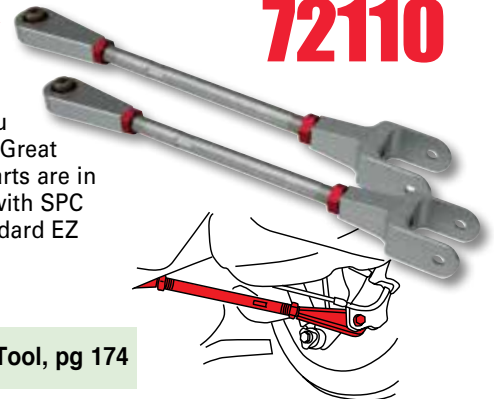
### APPLICATIONS

- BMW:** 2000 - 06 3 Series Coupe and  
Convertible (E46)  
1999 - 05 3 Series Sedan and  
Wagon (E46)  
1992 - 99 3 Series 318, 323  
and M3 (E36)  
2003 - 08 3 Series Z4 (E85)

## BMW REAR LOWER CONTROL ARM (PR)

These billet aluminum arms fit the 3-Series along with the Z4, giving you  $-1.0^\circ$  to  $+3.0^\circ$  of rear camber change. Great for tuner vehicles, these machined parts are in a stand-out silver anodized finished with SPC "Red" nuts. See page 91 for our standard EZ Arm #67110.

# 72110



**87565 - Rear Toe Adjusting Tool,** pg 174

Competitor's Cam



SPC's Cam



### Salt Spray Testing - Hex Chromate-Free Finish

- Hex Chromate-free finish for 700 hr salt spray results
- Avoids any hydrogen embrittlement issues
- Environmentally friendly

# Parts

## 72123

### 350Z & G35 FRONT UPPER CONTROL ARMS (PR)



This popular adjustable upper control arm/shim kit has been designed to match the SPC family of Nissan and Infiniti arms. Our tubular design has reduced weight by 1 pound per arm and increased rigidity. SPC's arms are the only 350Z arms on the market that can get +3.5° to -1.5° camber change. Additionally, you will be able to set your caster at ±1°.

This patented design makes camber and caster adjustment easy using the sliding and rotating ball joint. The kit includes everything needed, including the ABS sensor bracket, shims, Jounce Spacers and the adjustable arms.

Patent No. US 7,513,514

Front Adjustment range:  
Camber -1.5° to +3.5°  
Caster ±1.0°



Required: 1 per axle

#### APPLICATIONS

- Infiniti:** 2003 - 07 G35 Coupe (with and w/o active steer)  
2003 - 06 G35 Sedan
- Nissan:** 2003 - 08 350Z

**8370 - Puller,**  
pg 163



*These arms feature our Jounce Spacers for a quieter, OE style ride*

*See page 116 for our premium design for these applications*

## 72130

### 370Z & G37 FRONT UPPER CONTROL ARMS (PR)



This pair of front upper control arms will give you ±1° caster and ±2.5° camber change. Simply replace the OE front upper control arms and dial in your suspension angles with our patented sliding ball joint and caster plate. Whether you want to tune your suspension for the ultimate in handling performance, minimize tire wear or easily move back and forth between two settings, these are the arms to get the job done.

Patent No. US 7,513,514

*These arms feature our Jounce Spacers for a quieter, OE style ride*

Front Adjustment range:  
Camber ±2.5° Caster ±1.0°



Required: 1 per axle

#### APPLICATIONS

- Infiniti:** 2008 - 12 EX35  
2011 - 12 G25 Sedan  
2007 - 08 G35/G35X Sedan  
2009 - 13 G37/G37X Conv., Sedan  
2008 - 13 G37 Coupe  
2006 - 10 M35/M45  
2015 Q40  
2014 - 22 Q50, Q60  
2014 - 17 QX50
- Nissan:**  
2009 - 20 370Z



Applications

Alignment Parts

Heavy Duty

OE Replacement

Racing/Builders

Tools

Brake and CV

Gear/Index



### Featured Owner: @trailboundt4r

*SPC adjustable upper control arms are a must for a serious offroad applications and I've used many over the years on various builds. The adjustment is easy to accomplish and features a "set it & forget it" attitude. We appreciate the engineering that has gone into these arms and the latest versions just keep getting better. I look forward to seeing what else will be coming.*



*Follow @trailboundt4r & team4runner on Instagram and see SPC products in action.*



**Rear Adjustment range:**  
Camber  $\pm 1.25^\circ$  Toe  $\pm 1.25^\circ$

Required: 1 per wheel

**APPLICATIONS**

**BMW RWD:**

- 1996 - 04 5 Series  
528 w/EDC, 540i, 540iT, M5 (E39)
- 1996 - 03 5 Series  
525i, 528 w/o EDC, 528iT, 530i (E39)
- 2004 -10 6 Series  
Incl. M6 (E63)



## BMW 5/6 SERIES ADJ. REAR BUSHINGS (PR)

These rear control arm bushings provide an additional  $\pm 1.25^\circ$  of camber and toe adjustment for the rear of the BMW 5 series. Replace the inboard bushings on the rear upper control arms with these innovative adjustable bushings for lifetime adjustability. Use standard bushing press sleeves and bushing press tool #72509 to remove the old bushings and press in the new ones.



**72509 - Ball Joint Press, pg 169**

# 72185

**Rear Adjustment Range:**  
**72240 (3 ARM SET)**

Camber:  $\pm 3.0^\circ$ /Toe:  $\pm 3.0^\circ$

Setback:  $\pm 1.0^\circ$

**72245** Camber:  $\pm 3.0^\circ$

**72250\*** Setback:  $\pm 1.0^\circ$

**72255\*** Toe:  $\pm 3.0^\circ$

**\* 72250 and 72255 MUST be used with arm 72245**

Required: 1 per wheel

**APPLICATIONS**

- Infiniti:** 2014 - 24 Q50, Q60, Q70  
2011 - 2013 M35h, M37, M56

**OE Replacements available See page 152.**

**See the web for in-depth information on this kit and how it will work in the Infiniti multi-link suspension.**

## INFINITI REAR ADJUSTABLE 3 ARM SET

Use this three arm set (3) to make the rear of your Infiniti Q50 or Q70 fully adjustable for camber, toe and wheel setback. Whether you are modifying for stance, want adjustability for the track or simply need to replace an OE arm, this is the kit for you. The camber link provides  $\pm 3^\circ$  camber, the toe link will give  $\pm 3^\circ$  beyond the OE cam and the adjustable trailing link makes  $\pm 1"$  setback adjustment possible so you can maintain factory wheel base or get the tire exactly where you want it in the wheel well. These links all feature high durometer bonded rubber bushings to maintain factory ride quality and all steel construction for strength when you need it.

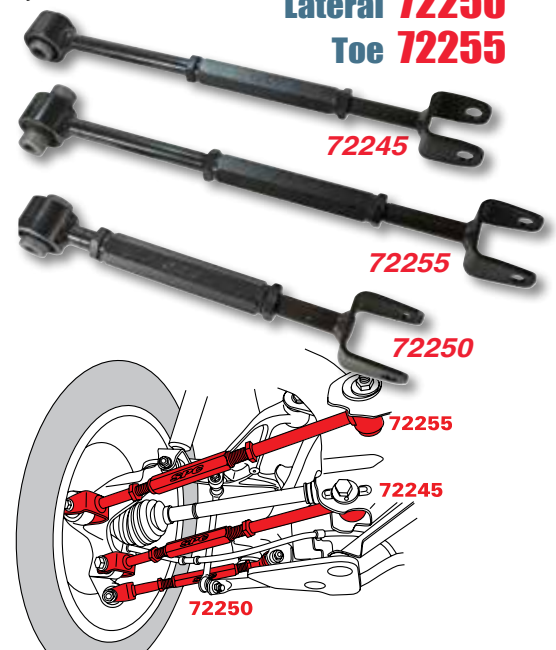
**Attention: the sequence of arm adjustments made is extremely important when upgrading to this multi-link system.**

# 72240

Camber **72245**

Lateral **72250**

Toe **72255**



## 72245 - REAR CAMBER ARM

Use this adjustable control arm from SPC Performance to make the rear of your Infiniti Q50 or Q70 fully adjustable for camber. The remove and replace link will provide  $\pm 3^\circ$  of camber and is part of the #72240 set. Attention: toe and set-back will change as you adjust camber with this arm, you may run out of toe change on the factory cam and desire to correct for set-back. Consider toe link #72255, adjustable trailing link #72250 or the three arm set #72240.

**See page 116 for our patented front upper control arms for this platform.**

## 72250 - REAR LATERAL ARM

Use this adjustable trailing link from SPC Performance to make the rear of your Infiniti Q50 or Q70 fully adjustable for set-back / wheel base. The remove and replace link will provide  $\pm 1"$  movement to adjust for other suspension modifications and is part of the #72240 set.

## 72255 - REAR TOE ARM

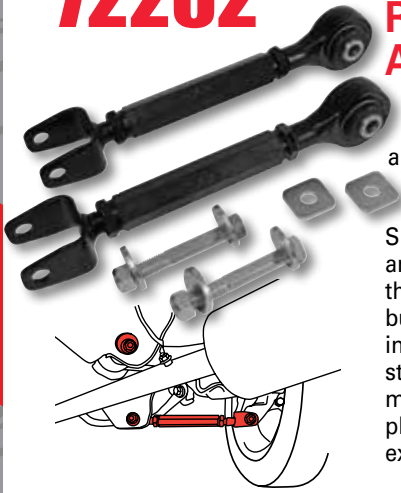
Use this adjustable control arm from SPC Performance to give the rear of your Infiniti Q50 or Q70 extended toe adjustability. The remove and replace link will provide an additional  $\pm 3^\circ$  of toe beyond what the OE cam bolt offers and is part of the #72240 set. This will often be necessary to adjust for camber adjustments made with an adjustable upper link like #77245.



# Parts

## 72262

### NISSAN/INFINITI PERF. REAR CAMBER/TOE KIT AND LOCKING PLATES (PR)



Dial in  $\pm 3.0^\circ$  camber and  $\pm 2.0^\circ$  of toe to maximize your suspension set-up on the 370Z and G35/37 with this set of race ready adjustable rear lower control arms, camber lockout plates, and extended range toe cams from SPC. Specifically designed for track use, these arms include SPC's xAxis™ sealed flex joints that perform like monoballs, but with non-metal bushings which will last longer than OE bushings. These arms combine xAxis™ with forged steel receivers and straight-arm construction to minimize compliance under load. The lockout plates replace the OE camber cams giving you extra assurance that your camber is locked in.

**Rear** Adjustment range:  
Camber  $\pm 3.00^\circ$     Toe  $\pm 2.00^\circ$   
Required: 1 per axle

#### APPLICATIONS

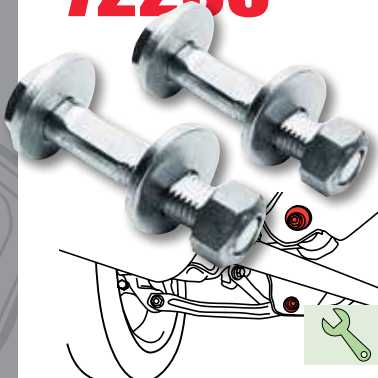
- Infiniti:** 2011 - 12 G25  
2006 - 07 G35 Coupe w/rear active steer  
2007 - 08 G35/35x Sedan Incl. active steer  
2008 - 13 G37 Coupe  
2009 - 13 G37 Sedan  
2006 - 10 M35/45  
2015 Q40
- Nissan:** 2009 - 20 370 Z



**85130 - Rotary File Set, pg 173**

## 72265

### NISSAN/INFINITI REAR CAMBER/TOE KIT (PR)



These cams (set of 2) replace the OE camber and toe adjustment cams and provide additional camber and toe changes. Adjustment slots will need to be elongated using #85130 rotary file or equivalent.

**85130 - Rotary File Set, pg 173**

**Rear** Adjustment range:  
Camber  $\pm 2.00^\circ$     Toe  $\pm 2.00^\circ$   
Required: 1 per wheel



#### APPLICATIONS

- Infiniti:** 2009 - 13 FX35; 2003 - 08 FX45  
2011 - 12 G25  
2006 - 07 G35 Coupe w/rear active steer  
2007 - 08 G35/35x Sedan Incl. active steer  
2008 - 13 G37 Coupe incl. active steer  
2009 - 13 G37 Sedan; 2006 - 10 M35/45  
2015 - 15 Q40, 2014 & Up Q60  
2014 - 15 Q60 Coupe; 2014 - 17 QX50/70
- Nissan:** 2009 - 20 370 Z

## 72270

### LEXUS GS ADJUSTABLE FRONT ARMS (PR)



This pair of Lexus upper control arms will give you  $\pm 1^\circ$  caster and  $\pm 2.0^\circ$  camber change. Simply replace the OE front upper control arms and dial in your suspension angles with our patented sliding ball joint and caster plate. Whether you want to tune your suspension for the ultimate in handling performance, minimize tire wear or easily move back and forth between two settings, these are the arms to get the job done.

**Front** Adjustment range:  
Camber  $\pm 2.0^\circ$     Caster  $\pm 1.0^\circ$   
Installation Time: .6 hr/side  
Required: 1 per axle

#### APPLICATIONS

- Lexus:** 1993 - 05 GS  
2002 - 10 SC

Patent No. US 7,513,514 B



## 72285

### NISSAN TOE CAM BOLT

Extend toe adjustment range on the rear of many popular Nissan models. This extended cam kit more than doubles the adjustment available versus the OE components. The 72285 cam delivers  $\pm 2.5^\circ$  toe change without modifying the OE adjustment slot. If additional change is desired, use SPC rotary file PN 85130 or similar to further extend the adjustment range.

**Rear** Adjustment range:  
Toe  $\pm 2.5^\circ$   
Required: 1 per wheel

#### APPLICATIONS

- Nissan:** 2013 - 24 Altima (FWD)  
2016 - 23 Maxima  
2020 - 24 Sentra
- Infiniti:** 2017 - 19 QX50

Applications

Alignment Parts

Heavy Duty

OE Replacement

Racing/Builders

Tools

Brake and CV

Index

NEW



**Rear** Adjustment range:  
Camber  $\pm 3.0^\circ$  Toe  $\pm 2.0^\circ$

Required: 1 per wheel

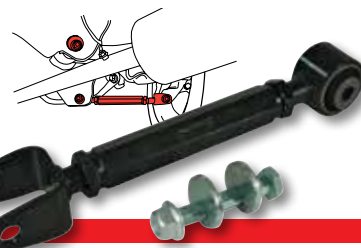
#### APPLICATIONS

**Nissan:** 2007 - 13 Altima Coupe  
2007 - 12 Altima Sedan

## NISSAN ALTIMA ADJ.REAR CONTROL ARM

# 72290

These arms fit the popular Nissan Altima. Simply replace the OE fixed length lower rear control arm with this adjustable arm to achieve  $\pm 3^\circ$  of camber change. Use the included toe cam bolt to get up to  $\pm 2^\circ$  of toe change. The arm and cam kit can be used for vehicles with stock ride height or lowered for performance.



**Rear** Adjustment range:  
Camber  $\pm 2.5^\circ$

Required: 1 per wheel

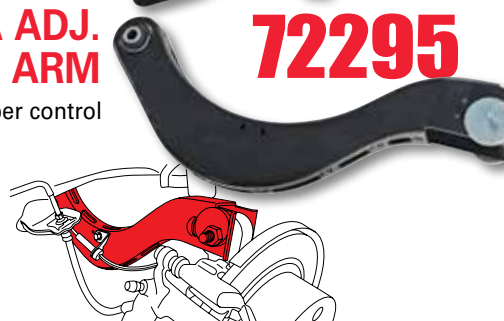
#### APPLICATIONS

**Nissan:** 2013 Altima Sedan  
2014 - 18 Altima  
2016 - 24 Maxima

## NISSAN ALTIMA ADJ. REAR CAMBER ARM

# 72295

Replace the non-adjustable rear upper control arm on the Nissan Altima with SPC's fully adjustable arm to get  $\pm 2.5^\circ$  of camber change. This remove and replace arm is perfect for traditional alignment correction, to enhance handling, or as a direct replacement chassis part.



**Rear** Adjustment range:  
Pinion  $\pm 4.0^\circ$  Add'l Thrust

Required: 1 per axle

#### APPLICATIONS

**Ford:** 2005 - 14 Mustang



## MUSTANG REAR ADJUSTABLE TRAILING ARMS (PR)

# 72345

These adjustable rear trailing arms for 2005 - 14 Ford Mustang offer you the ability to adjust thrust, tracking, and pinion angle to optimal specs for your driving style or track conditions. Made of 6061 aluminum, these light weight, high strength arms look great with a black e-coat finish.



See page xxx for SPC's replacement Cobra IRS xAxis™ rear knuckle kits

Check out SPC's adjustable panhard bar #72045 (pg 108) and adjustable front strut mounts #72040 (pg. 107)

**Front** Adjustment range:  
**72350** Camber  $\pm 1.5^\circ$   
Caster  $\pm .5^\circ$

Required: 1 per axle

**72355** Caster  $\pm .5^\circ$

Required: 1 per axle

#### APPLICATIONS

**Ford:** 2005 - 14 Mustang

US Patent Nos. 8,544,861 • 8,469,375 • D783,393  
China Patent No. 201630012294.X



**85130 - Rotary File Set,**  
pg 173

## MUSTANG FRONT ALIGNMENT KITS

# 72350 72355

**72350** Kit bundles a pair of EZ Cams (#81260) for adjusting camber  $\pm 1.5^\circ$ , with two #72355 Caster Bolts (below). Together these parts overcome the non-adjustable factory design to provide complete adjustability for improved handling, reduced tire wear, and better drivability.

**72355** Cam bolt kit provides caster adjustment by replacing one of the two factory bolts that mount the rear control arm bushing bracket. Elongation of the pre-marked factory holes is required - we recommend using rotary file set #85130 or similar. Includes one smaller cam.



#72355 Includes only One Caster Cam



## SPC Knows Mustangs

From the classic '64.5 to the S550, SPC is on the leading edge of alignment parts for these popular vehicles. Whether you are looking to race on weekend, or restore the tracking and handling in your classic ride, check out our apps for the parts you need.

# Parts Mustang S550

## 72360

### MUSTANG REAR PERFORMANCE KIT (4)



Get the optimum track set-up with SPC's 4-arm set. This set includes 2 each of the #72370 and #72380 (below). With aggressive handling and maximum G's, track vehicles require the best adjustment, reduced weight vs the OE arm and extra strength. These aluminum forged arms give you a complete solution for your track-ready S550.

Rear Adjustment range:

**72360** Camber +2.00° to -3.00°  
Toe ±3.0°

Required: 1 per axle

**72370** Camber +2.00° to -3.00°

Required: 1 per wheel

**72380** Toe ±3.0°

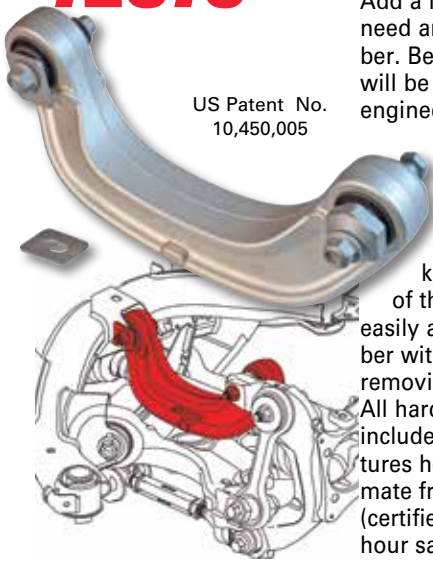
Required: 1 per wheel

#### APPLICATIONS

Ford: 2015 - 23 Mustang

## 72370

### MUSTANG REAR CAMBER ARM



US Patent No.  
10,450,005

Add a little horsepower, use grippy tires, launch hard, and take a corner at 1.5 G's. You need an adjustable rear control arm to optimize your tire contact by adjusting your camber. Be confident your arm is proven and reliable for the >1,000 pounds of force that it will be loaded with over and over again as you put your Mustang to the test. Designed, engineered, tested, and assembled in Colorado. SPC's forged T6 aluminum link will provide; +2 to -3 degrees of camber adjustment, reduced weight vs the OE arm and exceed its strength. SPC's adjustable arm features high rate rubber bushings to maintain OE noise, vibration, and harshness (NVH) and has a 1.5" hexed eccentric insert at the

knuckle end of the arm to easily adjust camber without removing the tire. All hardware is included and features hex chromate free finish (certified to 700 hour salt spray test standards) for rust free long life.

#### HIGH RATE RUBBER BUSHINGS

- Maintains OE NVH (Noise, Vibration & Harshness) levels
- Longer life vs. rod ends
- Provides performance handling

#### 2 LOCK PLATES FOR OE SLOT

- No slippage

#### ALL HARDWARE INCLUDED

- Bolts, nuts, plates, cams, inserts, washer
- for both ends of arm
- Hex Chromate free, environment friendly, 700 hr salt spray tested for rust-free, long life

#### FULLY FORGED ALUMINUM ARM

- 11% weight saving vs. OE arm
- Maintains factory frame and driveshaft clearance
- Exceeds OE strength

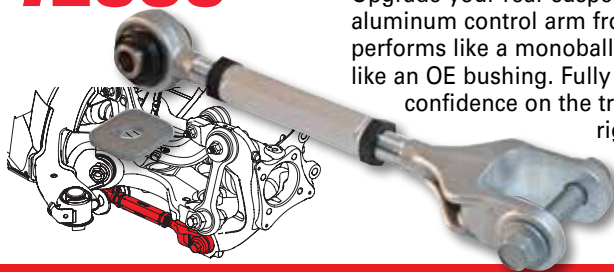
#### +2° TO -3° CAMBER CHANGE

- Improve rear tracking and handling
- Fine-tune change with eccentric insert
- Easy 'live' adjustment with the wheel on

 **74400 - Wrench,**  
pg 170

## 72380

### MUSTANG REAR TOE ARM



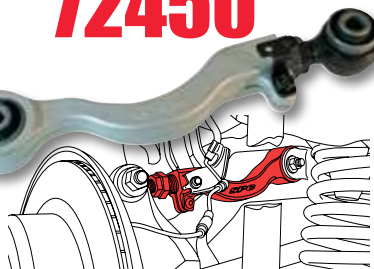
Upgrade your rear suspension for added toe adjustment and less weight with this aluminum control arm from SPC. This lower arm features a xAxis sealed flex joint that performs like a monoball, but uses non-metal bushings which are designed to last like an OE bushing. Fully forged with T6 aluminum, this high strength arm will inspire confidence on the track while withstanding the rigors of street driving. Included lockout cam will replace the factory toe cam to make sure your alignment settings aren't changing during cornering.

#### OE Replacement

#12050 - Check out our weight-saving toe arm on page 152

## 72450

### LEXUS REAR CAMBER LINK



Use this adjustable rear upper control arm to replace the OE arm and get ±3° of camber. SPC's adjustable camber link is manufactured from high-grade aluminum, is easy to adjust on car, includes a mounting bracket for the ABS wire, and has OE style bushings to maintain factory ride quality. Whether you want a cambered look, are heading to the track, or want to save the tread life on your tires, these arms are for you.

Rear Adjustment range:

Camber ±3.00°

Required: 1 per wheel

#### APPLICATIONS

Lexus:

2014 - 21 IS  
Except Convertible  
2013 - 20 GS  
2015 - 22 RC



# Porsche 996/997 • 981/986/987

## 72610

### Front/Rear

Adjustment range:

Camber  $\pm 2.00^\circ$

Required: 1 per axle



**NOTE: MODELS EQUIPPED WITH HYDRAULIC BUSHINGS MUST BE PRESSED OUT AND REUSED FROM THE ORIGINAL CONTROL ARMS**

## 72630

**Front** Adjustment range:

Camber  $\pm 1.25^\circ$

**Rear** Adjustment range:

Setback  $\pm 0.5"$

Required: 1 per axle

## 72640

**Rear** Adjustment range:

Toe  $\pm 3.0^\circ$

Required: 1 per axle

### APPLICATIONS

(See website for details)

**Porsche:** 1999 - 11 911 (996/997)  
1997 - 16 Boxster (987/981/986)  
2006 - 12 Cayman (987)



## 72613 Rebuild Kit for 72610

Includes: Ball stud, ball stud nut, race, boot, and press tool.



72120 - Spanner Wrench, pg 169

## PORSCHE REAR PERFORMANCE KIT (6)

# 72600

Get the optimum track set-up with SPC's 6-arm set. This set includes 2 each of the #72610, #72630 and #72640 (below). With aggressive handling and maximum G's, track vehicles require the best adjustment and extra strength vs the OE arm. These aluminum forged arms give you a complete solution for your track-ready 996/997 or 981/986/987.



## PORSCHE FRONT OR REAR ADJUSTABLE ARMS (PR)

# 72610

Make the non-adjustable lower control arms on your 996 or 997 Porsche adjustable for up to  $\pm 2^\circ$  camber adjustment. This pair of forged 6061-T6 aluminum arms (2) from SPC will give easy on-the-car adjustability as well as get you track ready, while maintaining OE Noise Vibration and Harshness (NVH) levels with booted ball joints and high durometer bonded rubber bushings. SPC offers the only greasable and rebuildable ball joint on the market. If you wear out your ball joint race with heavy track use, (it happens) you can get a rebuild kit (#72613) and avoid the cost of a whole new arm. This set can be used for front or rear, so if you want adjustability on all four corners you will need two sets. **Sold as pairs.**



### Features

- Rebuildable ball joint is booted and greaseable
- Forged 6061-T6 Aluminum construction for maximized strength at a minimum weight
- OE sized and style bushings can be replaced with any aftermarket or OE bushing option
- Adjusting bolt offers precise camber adjustment
- Provision for the ride height sensor of litronic headlight equipped cars

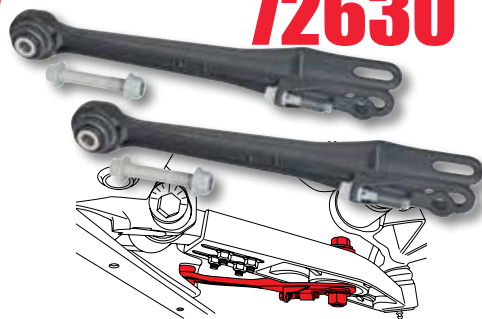
### Benefits

- $\pm 2^\circ$  camber adjustment
- Rebuildable ball joint
- Fast, easy, on-car adjustment

## PORSCHE TRAILING LINK (PR)

# 72630

Upgrade the front or rear non-adjustable factory trailing arms on your Porsche 996 and 986 with this pair of fully adjustable arms from SPC Performance. Constructed from forged 6061-T6 aluminum with a hard black anodized finish, they adjust with an easy to reach threaded adjuster and maintain factory ride with SPC's xAxis™ sealed flex joints which eliminate binding and bushing compliance. Installed on the front, you will be able to adjust caster  $\pm 1.25^\circ$ . SPC has maintained the OE form so that you will be able to reuse your factory air deflector without modification. Installed on the rear you will be able to adjust set-back  $\pm 1/2$  inch ( $\pm 13$ mm). Designed for street use as well as the rigors of the track, these arms will let you set your alignment angles where you want them for the way you drive. **Sold as pairs.**



## PORSCHE REAR TOE LINK (PR)

# 72640

Adjust toe  $\pm 3^\circ$  with this pair of adjustable toe links. SPC's forged aluminum construction avoids any weight penalty while maintaining factory strength. The integrated ball joint means smooth bind free articulation and no maintenance required. **Sold as pairs.**



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Applications

Alignment Parts

Heavy Duty

OE Replacement

Racing/Builders

Tools

Brake and CV

Gear/Index

# Parts

## 72645

### PORSCHE REAR TOE CAM

Replace corroded or damaged OE toe cam bolts on the rear of many late model Porsche vehicles with this replacement cam kit from SPC. This cam kit is designed to replace the factory adjusters and provide the same amount of adjustment as the factory part it is replacing. The hex chromate free finish offers a 700hr salt spray test for the best corrosion protection available. One kit is used for each side of the vehicle.

Rear Adjustment range:

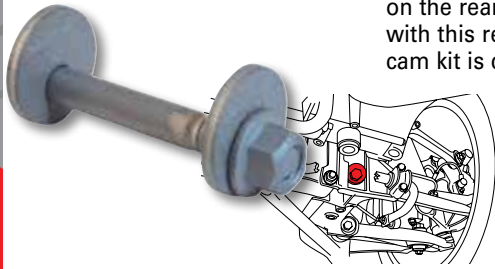
Factory Toe -  $\pm 1.0^\circ$

Required: 1 per wheel

#### APPLICATIONS

(See website for details)

**Porsche:** 1999 - 11 911 (996/997)  
1997 - 19 Boxster (987/981/986)  
2006 - 19 Cayman (987/981)



## 73000

### G35/350Z AND G37/370Z ADJ. CONTROL ARMS (PR)

This pair of patented adjustable front upper control arms will give up to  $\pm 4^\circ$  camber and  $\pm 4^\circ$  caster change on the 73000 and  $\pm 3^\circ$  camber and  $\pm 3^\circ$  caster change on the #73005. The rubber isolated xAxis™ sealed flex joints retain OE bushing values (Noise, Vibration, and Harshness - NVH), while providing the handling qualities of a mono-ball. Optimized geometry and high strength forged steel components make this the strongest adjustable arm on the market today. Whether you want a cambered stance, improved handling, or to minimize tire wear, these are the best arms for you.

#### Features

- Most camber and caster adjustability on the market
- Best clearance of any adjustable control arm
- Turnbuckle adjusters for easy on car alignment
- High strength forged steel components
- Optimized geometry reduces stresses to pure tension and compression for maximized strength and minimized weight
- xAxis™ Sealed Flex Joints with rubber isolation at the inner bushing
- Sealed ball joint with high polished ball for extended wear

#### Benefits

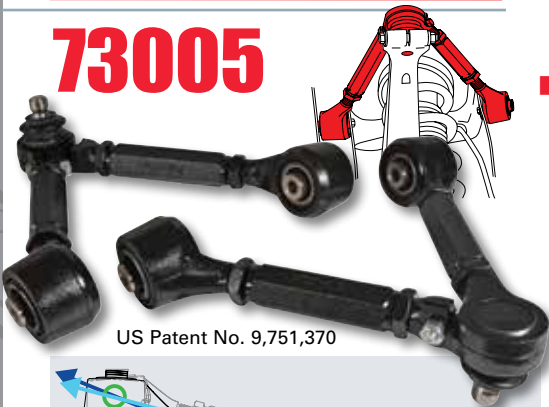
- Up to  $+4^\circ$  of camber change without inner fender well contact
- Easy to adjust
- Sealed joints means no corrosion or contamination in the joints
- Set your camber and caster where you want it for
  - Look "Cambered" appearance
  - Driving style Improved handling and cornering
  - Tire wear Adjust angles to minimize tire wear
- Retain factory Noise, Vibration, Harshness (NVH) values but gain handling quality of a mono-ball with xAxis™ sealed flex joint isolated by an OE style bonded rubber bushing



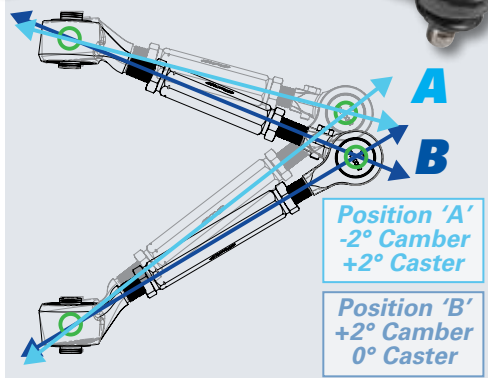
US Patent No. 9,751,370

The 73000 SPC arms match the OE -design for clearance so you can get up to  $+2^\circ$  -camber change without fender well interference. If more -positive change is needed use the included  $+2^\circ$  -camber shims for fixed change and dial in the rest with your arms.

## 73005



US Patent No. 9,751,370



Position 'A'  
 $-2^\circ$  Camber  
 $+2^\circ$  Caster

Position 'B'  
 $+2^\circ$  Camber  
 $0^\circ$  Caster


**73000** Front Adjustment range (Includes shim pack):  
Camber  $\pm 4.00^\circ$  Caster  $\pm 4.00^\circ$

Required: 1 per axle

#### APPLICATIONS

**Infiniti:** 2003 - 07 G35 Coupe (with & w/o active steer)  
2003 - 06 G35 Sedan

**Nissan:** 2003 - 08 350Z

 **8370 - Puller, pg 163**

**73005** Front Adjustment range:  
Camber  $\pm 3.00^\circ$  Caster  $\pm 3.00^\circ$

Required: 1 per axle

#### APPLICATIONS

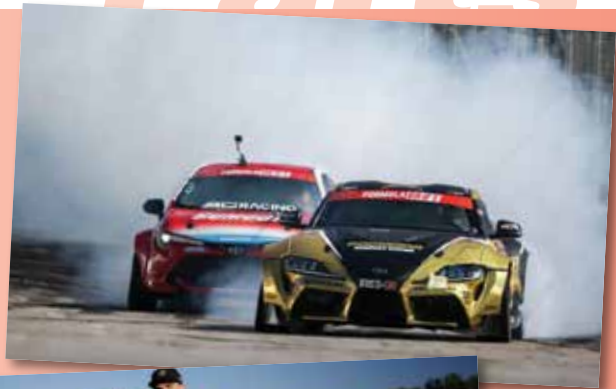
**Infiniti:** 2008 - 12 EX35; 2009 - 13 FX35; 2011 - 12 G25 Sedan  
2007 - 08 G35/G35X Sedan; 2008 - 13 G37 Coupe;  
2009 - 13 G37/G37X Conv., Sedan  
2006 - 10 M35/M45; 2015 Q40; 2014 - 24 Q50;  
2014 - 17 QX 50; 2017 - 23 Q60

**Nissan:** 2009 - 20 370Z



## SPC COMPONENTS ARE RACE PROVEN

Motorsports in general and drifting in particular, can be hard on suspension components and parts need to be engineered to withstand harsh environments and repeated punishment. The most winning drift team in history, SPC sponsored Papadakis Racing has an unmatched record of five Formula Drift Championship titles. Team driver Fredric Aasbo won the 2015, 2021, 2022 Formula Drift titles. Drifting is a high-skill, high-powered motorsport with an emphasis on car control and SPC components deliver race winning performance.



Applications

Alignment Parts

Heavy Duty

OE Replacement

Racing/Builders

Tools

Brake and CV

Gear/Index

**Rear** Adjustment range:  
**73620** Camber  $-0.75^{\circ}$  to  $+3.00^{\circ}$   
Required: 1 per wheel



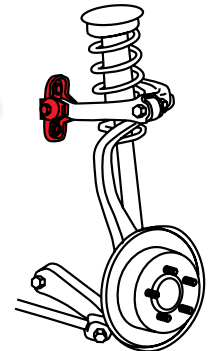
### APPLICATIONS

- Chrysler:** 1995 - 00 Sebring  
2001 - 06 Sebring 2Dr Coupe
- Dodge:** 1995 - 00 Avenger  
2001 - 05 Stratus
- Eagle:** 1995 - 98 Talon
- Mitsubishi:** 1997 - 04 Diamante  
1995 - 05 Eclipse, 1994 - 03 Galant

## CHRYSLER/MITSUBISHI REAR CAMBER BOLT AND BRACKET (PR)

# 73620

This bolt and bracket set allows for greater rear camber change on 1995 and up Sebrings, Avengers, Talons and Eclipses. One kit covers one side of the vehicle.



## Resources for Professionals

If you want to stay competitive in today's high-tech automotive aftermarket Specialty Products Company has the comprehensive Alignment Training Program for you.

Get comprehensive training in the changing alignment field on your schedule. Using our online learning program, alignment techs and shop owners can further their knowledge of alignment theory and get the tools to put that knowledge into practical application. Go to [www.wheelalignmenttraining.com](http://www.wheelalignmenttraining.com) for more.

Our popular classroom training is the standard in the field. Installers can get the training they need with hands-on basic, advanced or combo classes. Sign up at [www.spcalignment.com/training](http://www.spcalignment.com/training).

Throughout the year we have field clinics across the US. To find a field clinic near you call **800-525-6505** to sign-up for our installer newsletter to keep up-to-date on all our training options.

# Parts

**75200** BLUE  
**75400** GREY  
**75600** YELLOW  
**75800** RED

## EZ Shim™ FULL CONTACT DUAL ANGLE

A Full Contact Dual Angle shim, consisting of only four part numbers, that corrects Toe and Camber with one shim.

These two-piece adjustable shims are available in 4 sizes which cover many rear shimable FWD vehicles. Durable construction, proven adjustment changes within .03° toe and .10° camber.

**CAUTION:** Check for caliper to rotor clearance when installing this part on vehicles equipped with rear disc brakes. Some vehicles may require the use of longer bolts.

Recommend use of 10408 bolts (page 70) and 75970 spacers (below) as required

Rear Adjustment range:  
 Camber ±1.50°/Toe ±1.50°

Required: 1 shim per wheel

### APPLICATIONS

See application charts, pages 7-70 for vehicle models and years.

#### 75200 (Blue)

Audi, Chevrolet, Chrysler, Dodge, Eagle, Ford, Geo, Isuzu, Nissan, Pontiac, Plymouth, VW

#### 75400 (Grey)

Audi, Buick, Cadillac, Chevrolet, Chrysler, Dodge, Ford, Mercury, Nissan, Olds, Plymouth, Pontiac, Saturn

#### 75600 (Yellow)

Buick, Cadillac, Chevrolet, Chrysler, Dodge, Geo, Honda, Hyundai, Kia, Nissan, Olds, Pontiac, Scion, Toyota, VW

#### 75800 (Red)

Buick, Cadillac, Chevrolet, Geo, Honda, Hyundai, Kia, Nissan, Olds, Pontiac, VW

Applications

Alignment Parts

Heavy Duty

OE Replacements

Racing

Tools

Brake

Gear/Index



## ACCESSORIES

### 75910 DIAL CHART

Just dial in the desired change needed for both camber and toe.

**75910**  
 EZ Shim™ dial Chart lists changes in decimal degrees only.

### 75915 CUTTER

This cutter is a necessary tool for cutting the EZ Shim™. Its thin cutting blades minimize shim breakage.



**75970**

### 75920 MARKER

This will mark the areas to be removed. Marks will not rub off, and are easy to see.

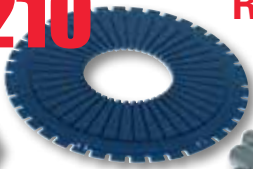
### 75970 SPACER SET (8)

This set (4 different sizes - 2 of each) aligns caliper to rotor after installation of a camber shim. Specifically designed to be used with the EZ Shim™ when correcting some FWD cars with hub mounted rear disc brakes.

## 75210

### REAR SHIM AND BOLT KIT

Adjust rear camber and toe up to ±1.5°. Kit includes extended length hub bolts for everything needed to do the job right.



**75915 - Cutter, above**

Rear Adjustment range:  
 Camber ±1.50° Toe ±1.50°

Required: 1 per wheel

### APPLICATIONS FWD ONLY

#### 75210 (Blue)

Nissan: 2012 - 19 Versa  
 2014 - 19 Note

#### 75610 (Yellow)

Nissan: 2009 - 14 Cube  
 2013 - 19 Sentra  
 2007 - 2011 Versa

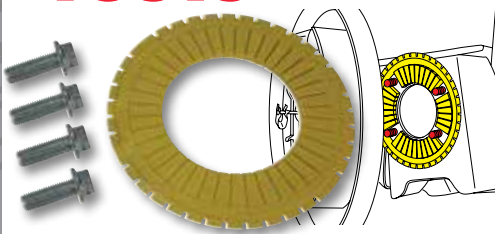
Pontiac: 2003 - 10 Vibe  
 Toyota: 2003 - 08 Corolla  
 2003 - 13 Matrix

## 75610

### REAR SHIM AND BOLT KIT

Universal shim kit includes extended length hub bolts so that you will have everything you need to do the job right. Improve tire wear, gas mileage and handling by getting alignment into specification.

**NOTE:** Vehicles with rear disc brakes may also need caliper spacer kit #75970 (above).



# 81240, 81250, 81260, 81270, 81280, 81290, 81295 EZ Cam™ XR

## FOR DOMESTIC/IMPORT TWO BOLT STRUTS

**Front** Adjustment range:  
Camber  $\pm 1.75^\circ$

Required: 1 per axle

### APPLICATIONS

See application charts,  
pages 7-70 for years.

#### 81240 pr (10mm)

Fiat

#### 81250 pr (12mm)

Buick, Chevrolet, Cadillac, Daewoo,  
Dodge, Eagle, Fiat, Ford, Geo, GMC,  
Hyundai, Isuzu, Kia, Mazda, Mercury,  
Mitsubishi, Nissan, Olds, Plymouth,  
Pontiac, Porsche, Saab, Saturn,  
Suzuki, Toyota, Volkswagen, Volvo

#### 81260 pr (14mm)

Acura, Buick, Chevrolet, Chrysler,  
Dodge, Ford, Honda, Hyundai, Infiniti,  
Jeep, Kia, Mazda, Mercedes Benz,  
Mitsubishi, Nissan, Olds, Pontiac,  
Plymouth, Saturn, Scion, Subaru,  
Toyota, Volvo

#### 81270 pr (15mm)

Lexus, Scion, Subaru, Toyota

#### 81280 pr (16mm)

Acura, Buick, Cadillac, Chevrolet,  
Chrysler, Dodge, Eagle, Ford, Honda,  
Hyundai, Kia, Lincoln, Mazda, Mercury,  
Mitsubishi, Oldsmobile, Pontiac,  
Saturn, Toyota

#### 81290 pr (17mm)

Lexus, Pontiac, Scion,  
Toyota

#### 81295 pr (18mm)

Acura, Honda



EZ Cams™ make non-adjustable two bolt struts adjustable up to  $\pm 1.75^\circ$  camber change. Head markings show where the cam is for maximum change and an easy-to-manipulate toothed washer lets you set positive or negative change. Simply remove the upper OE bolt, loosen the lower bolt, install and adjust the EZ Cam™ to the desired change and then tighten everything to specification. An easy fix for camber issues and a perfect companion sale for any strut job. Save time, money and effort by making aligning two bolt struts a one man job without grinding. Keep one of each in stock, measure the OE threads, replace the OE bolt with SPC's EZ Cams™ to make your alignment jobs fast and profitable.

**Part No. 81240 (pr)**  
For replacement of 10mm bolts

**Part No. 81250 (pr)**  
For replacement of 12mm bolts

**Part No. 81260 (pr)**  
For replacement of 14mm bolts

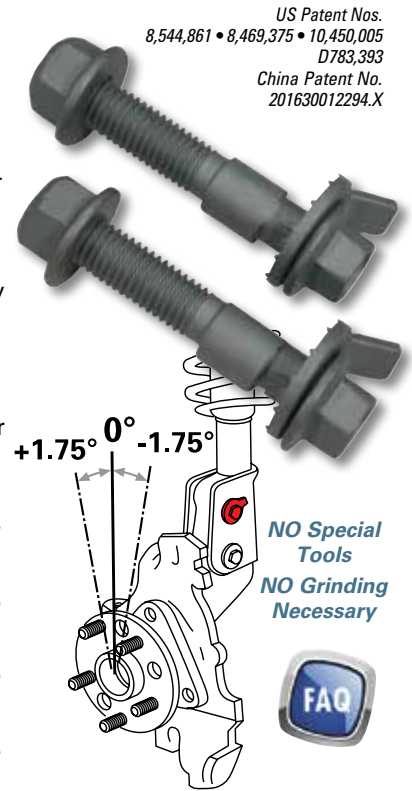
**Part No. 81270 (pr)**  
For replacement of 15mm bolts

**Part No. 81280 (pr)**  
For replacement of 16mm bolts

This kit may also be used on GM vehicles equipped with aftermarket slotted struts with the addition of our adapter plate, #81286 included with cams.

**Part No. 81290 (pr)**  
For replacement of 17mm bolts

**Part No. 81295 (pr)**  
For replacement of 18mm bolts



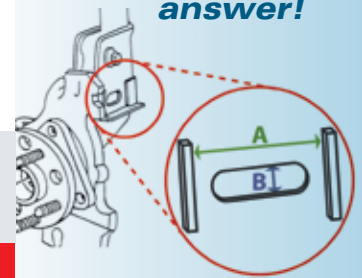
US Patent Nos.  
8,544,861 • 8,469,375 • 10,450,005  
D783,393

China Patent No.  
201630012294.X

NO Special  
Tools  
NO Grinding  
Necessary



**Got Aftermarket  
Struts with a  
Slotted Hole?**  
We have the  
answer!



It is easy to find out if the camber kit that will fit your aftermarket strut with only two measurements:

Part No.	Cam Dia. (A)	Bolt Size (B)	Page
35077	1.49" (37mm)	M14 x 85mm	82
82110	1.5" (38.1mm)	M16 x 80mm	119
83170	1.25 (31.75mm)	M14 x 80mm	123

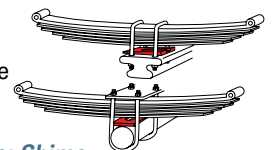
Check out ([spcalignment.com/aftermarket-struts](http://spcalignment.com/aftermarket-struts)) for more about cam/bolt solutions

## 80199- 81099



## Truck Axle Shims ZINC CASTER/PINION SHIMS

Heavy-duty axle caster shims can also be used to adjust pinion angle on Jeep CJs and similar vehicles with 1-3/4" to 2" wide leaf springs.



No.	Width	Degree Taper	Qty	No.	Width	Degree Taper	Qty
80199	1-3/4 to 2"	1/2°	6	80699	1-3/4 to 2"	3°	6
80299	1-3/4 to 2"	1°	6	80799	1-3/4 to 2"	3-1/2°	6
80399	1-3/4 to 2"	1-1/2°	6	80899	1-3/4 to 2"	4°	6
80499	1-3/4 to 2"	2°	6	80999	1-3/4 to 2"	5°	6
80599	1-3/4 to 2"	2-1/2°	6	81099	1-3/4 to 2"	6°	6

Note: Shims should not be stacked.  
Six shims per box

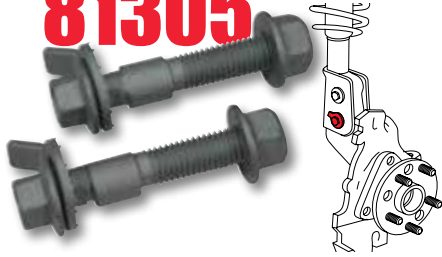
For additional shim widths see page 147

[www.specprod.com](http://www.specprod.com)

Call for your nearest distributor, product info or Technical Assistance • In the USA and Canada

1-800-525-6505

## 81305



### SCION/SUBARU CAM BOLTS (PR)

By installing these cam bolts in the **lower bolt position** on the 2 bolt front strut assembly of this popular platform you can dial in front camber adjustments.

US Patent Nos. 8,544,861 • 8,469,375 • D783,393  
China Patent No. 201630012294.X

**Front** Adjustment range:

Camber  $\pm 1.75^\circ$

Required: 1 per axle

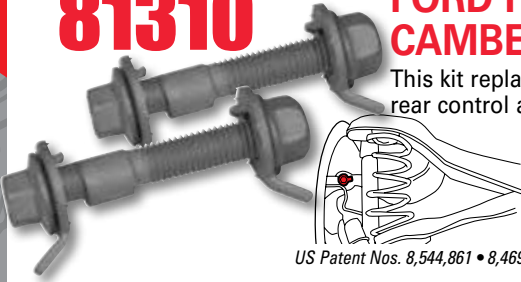
#### APPLICATIONS

**Scion:** 2013 - 16 FR-S

**Subaru:** All Except Justy

**Toyota:** 2017 - 20 86

## 81310



### FORD FOCUS REAR CAMBER KIT (PR)

This kit replaces the outer bolt of the upper rear control arm and provides  $\pm 1^\circ$  of camber adjustment. Perfect for lowered vehicles or standard alignments.

US Patent Nos. 8,544,861 • 8,469,375 • D783,393 China Patent No. 201630012294.X

**Rear** Adjustment range:

Camber  $\pm 1.0^\circ$

Required: 1 per axle

#### APPLICATIONS

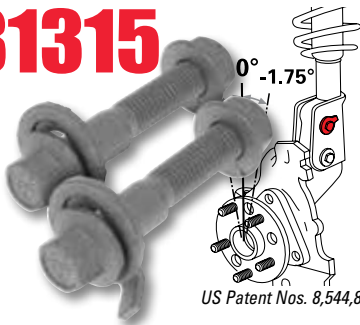
**Ford:** 2000 - 11 Focus

**Volvo:** 2008 - 13 C30

2004 - 12 S40, V50



## 81315



### FORD ESCAPE CAM BOLTS (PR)

Dial in Front Camber  $\pm 1.75^\circ$  by replacing the strut bolt of many Ford and Lincoln SUV models. Head markings show where the cam is for maximum change and an easy-to-manipulate toothed washer lets you set positive or negative change.

US Patent Nos. 8,544,861 • 8,469,375 • D783,393 China Patent No. 201630012294.X

**Front** Adjustment range:

Camber  $\pm 1.75^\circ$

Required: 1 per axle

#### APPLICATIONS

**Ford:** 2020 - 24 Escape, Bronco Sport, Maverick

**Lincoln:** 2020 - 24 Corsair

## 81320



### FOCUS/TRANSIT FRONT CAMBER/CASTER KIT

Adjust front camber and caster on Ford Focus and Transit Connect with this adjustable upper strut mount. By replacing the OE strut mount you can get  $\pm 1^\circ$  camber and caster.



**Front** Adjustment range:

Camber  $\pm 1.00^\circ$ /Caster  $\pm 1.00^\circ$

Required: 1 per wheel

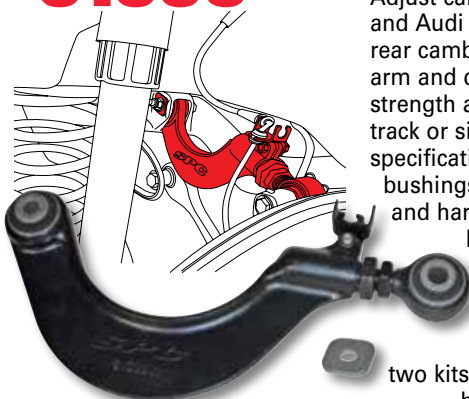
#### APPLICATIONS

**Ford:** 2000 - 11 Focus

2010 - 13 Transit Connect



## 81335



### VW REAR CAMBER ARM

Adjust camber in the rear of many popular VW and Audi models  $\pm 3^\circ$  with this fully adjustable rear camber arm from SPC. The forged steel arm and double threaded adjuster offer the strength and on-car adjustment needed for the track or simply getting alignment back to factory specifications. SPC's arm uses bonded rubber bushings to maintain factory noise, vibration, and harshness (NVH) values. Use the included bracket to properly secure the factory ABS wire. The arm is sold per side and can be used for either the right or left hand side. Be sure to order

two kits if you need adjustment on both sides.

**Rear** Adjustment range:

Camber  $\pm 3.00^\circ$

Required: 1 per wheel

#### APPLICATIONS

**Audi:** 2006 - 21 A3/S3

2017 - 21 RS3

2008 - 13 TT

**Volkswagen:**

2011 - 18 Beetle w/multi link susp.

2009 - 16 CC; 2007 - 13 EOS

2010 - 14 Golf; 2008 Golf R32

2006 - 24 GTI; 2005 - 17 GLI

2005 - 24 Jetta w/multi link susp.

2006 - 10 Passat; 2006 - 09 Rabbit

2009 - 24 Tiguan

**Front** Adjustment range:  
Camber  $\pm 1.00^\circ$ /Caster  $\pm 1.00^\circ$   
Required: 1 per wheel

### APPLICATIONS

**Audi:** 2000 - 06 TT FWD/AWD  
**Volkswagen:** 1998 - 10 Beetle  
1999 - 06 Golf, GTI (A4)  
2004 Golf R32, 1999 - 05 Jetta (A4)

## VW/AUDI FRONT CAMBER/CASTER KIT

Adjust both camber and caster with this kit on many models of Volkswagens and Audis. Simply remove the strut assembly, compress the spring and replace the OE upper bearing plate with this adjustable plate assembly.



**Front** Adjustment range:  
Camber  $\pm 1.50^\circ$  Caster  $\pm 1.50^\circ$   
Required:

**81353, 81363, 81373, 81383**  
**81358, 81368, 81378, 81388**  
1 per axle

**81352, 81362, 81372, 81382**  
1 per wheel - right

**81351, 81361, 81371, 81381**  
1 per wheel - left

**81351, 81352, 81353**  
& **81358\***

### APPLICATIONS

**Audi:** 1998 - 08 A4/S4/RS4  
2007 - 08 A5/S5  
1998 - 04 A6/RS6/S6/  
Allroad  
**Volkswagen:** 1998 - 05 Passat  
w/ beam type rear axle

**81361, 81362, 81363**  
& **81368\***

### APPLICATIONS

**Audi:** 2009 - 16 A4/RS4/S4  
2012 - 18 A6/RS6/S6  
Allroad  
2009 - 16 A5/S5/RS5  
2012 - 18 A7/S7/RS7  
2009 - 17 Q5  
2013 - 17 SQ5

**81371, 81372, 81373**  
& **81378\***

### APPLICATIONS

**Audi:** 2005 - 11 A6/S6  
2004 - 10 A8/S8  
**Bentley:** 2004 - 12 Continental  
**Volkswagen:** 2004 - 06 Phaeton

**81381, 81382, 81383**  
& **81388\***

### APPLICATIONS

**Audi:** 2017 - 23 A4/S4  
2018 - 22 A5/S5

**81391, 81392, 81393**  
& **81398\***

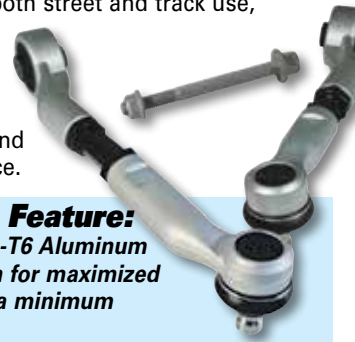
### APPLICATIONS

**Audi:** 2018 - 22 Q5

*\*NOTE: 81358, 81368, 81378 and 81388 are performance parts; if OE type noise isolation levels are desired use our 81353, 81363, 81373 or 81383 arm sets.*

## AUDI AND VW FRONT UPPER MULTI LINK ARM SET

This set of adjustable upper control arms will allow  $\pm 1.5^\circ$  camber and/or caster change on a wide range of Audi and VW models. These arms directly replace factory fixed-length arms, allowing easy adjustments after installation. Engineered for both street and track use, maintenance free ball joints and bushings provide factory ride, handling, and NVH performance.



### SPC Arms Feature:

- Forged 6061-T6 Aluminum construction for maximized strength at a minimum weight
- Hooked link to maximize clearances
- OE style, maintenance free, booted ball joints
- Large 18mm threaded adjuster links
- Replacement pinch bolts

### SPC Performance Arms Add:

- xAxis™ sealed flex joints replacing compliant OE inner bushings with a free pivoting, minimum compliance, joint

**AXLE 81353**

**81351 81352**

LEFT SIDE RIGHT SIDE

**AXLE 81363**

**81361 81362**

LEFT SIDE RIGHT SIDE

**AXLE 81373**

**81371 81372**

LEFT SIDE RIGHT SIDE

**AXLE 81383**

**81381 81382**

LEFT SIDE RIGHT SIDE

**AXLE 81393**

**81391 81392**

LEFT SIDE RIGHT SIDE

**81358**

AXLE

**81368**

AXLE

**81378**

AXLE

**81388**

AXLE

**81398**

AXLE

## AUDI AND VW PERFORMANCE ARMS

Get ready for the track with this four (4) arm set of adjustable upper links for

many Audi and VW models. This kit has four arms so you can change camber and caster  $\pm 1.5^\circ$  on both sides. xAxis™ sealed flex joints replace the compliant inner bushings with a free pivoting minimum compliance joint. You will feel the difference in handling.

**Warning:** You will also hear the difference, the OE bushings are designed to absorb and negate noise, vibration, and harshness (NVH). This set of arms will transmit road noise into the cabin.



## 81520

### AUDI A4 REAR TOE KIT

Restore lost toe adjustment due to frozen or broken adjusters on Audi A4 and S4 models with this replacement toe adjuster cam kit. The kit features a hex chromate free 700 hour salt spray tested finish and is sold per wheel. Order two kits to replace both toe adjusters on a vehicle.

**Rear** Adjustment range:

Toe  $\pm 1.50^\circ$

Required: 1 per wheel

#### APPLICATIONS

**Audi:** 2002 - 08 A4/ S4/Quattro  
2003 - 09 A4/S4/Cabrio/Quattro  
2006 - 08 RS4

## 82070

### SOLSTICE/SKY CAM BOLTS

Replace corroded or stripped alignment cam assemblies on the front or rear of the Pontiac Solstice and Saturn Sky with this pair of cam bolts. Use these kits to lock in your alignment adjustment. Pair of cam bolts adjusts camber and caster on the front and camber and toe on the rear.

**Front** Adjustment range:

Camber  $\pm 1.00^\circ$  Caster  $\pm 1.00^\circ$

**Rear** Adjustment range:

Camber  $\pm 1.00^\circ$  Toe  $\pm 1.00^\circ$

Required: 1 per wheel/front  
1 per wheel/rear

#### APPLICATIONS

**Pontiac:** 2006 - 10 Solstice  
**Saturn:** 2007 - 10 Sky

## 82080 82085

### GM REAR CAMBER & TOE BOLTS

Replace the factory torque-to-yield (TTY) rear camber and toe bolts on GM's Epsilon II platform. GM's hardware is TTY and needs to be replaced with every alignment and this hardware can be re-torqued in future alignments, so you will only need to replace them once. These kits are sold per wheel and give you the same adjustment range as the factory cam,  $\pm 2^\circ$  for camber or toe. You may find that the factory toe bolt (which is not TTY on hiper strut equipped models) is hard to reach, use SPC's D-Bolt socket, #45938 to make adjusting the OE bolt easier.

#### 82080

**Rear** Adjustment range: Camber  $\pm 2.0^\circ$

Required: 1 per wheel

#### 82085 **Rear** Adjustment range: Toe $\pm 2.0^\circ$

Required: 1 per wheel

#### 82080 & 82085 APPLICATIONS WITHOUT HIPER STRUT SUSPENSION

**Buick:** 2010 Allure; 2010 & LaCrosse  
2011 - 17 Regal

#### 82090

#### AWD OR FWD WITH HIPER STRUT

**Rear** Adjustment range:

Camber  $\pm 2.00^\circ$  Toe  $\pm 2.00^\circ$

Required: 1 per wheel

#### APPLICATIONS

**Buick:** 2010 Allure; 2010 - 19 LaCrosse  
2011 - 20 Regal/Sportback/TourX  
**Cadillac:** 2013 - 19 XTS



**45938 - D-Bolt Socket for OE Bolt, pg 167**

## 82100

### GM REAR CAMBER/TOE BOLTS (PR)

Use this pair (2) of cam bolts to double the adjustment range for rear camber and toe on GM's Epsilon platform. The OE cams only give one degree of change which is often not enough camber and you may quickly run out of toe. The innovative design doubles change to  $\pm 2.0^\circ$  and can be used as both camber and toe adjusters, as needed. Depending on how much change is required, you may need to use #85130 rotary file to elongate the adjustment slot to take full advantage of the max-offset cam. This kit has a hex chromate free finish that is highly corrosion resistant and meets industry leading 700-hour Salt Spray Test requirements (SST).

**Rear** Adjustment range:

Camber  $\pm 2.00^\circ$  Toe  $\pm 2.00^\circ$

Required: Camber **and** Toe  
1 per wheel  
Camber **or** Toe  
1 kit per axle

#### APPLICATIONS

**Chevrolet:** 2004 - 12 Malibu  
**Pontiac:** 2005 - 10 G6  
**Saab:** 2003 - 12 9-3  
**Saturn:** 2007 - 09 Aura



**85130 - Rotary File Set, pg 173**

**Rear Adjustment range:**  
Camber  $\pm 2.00^\circ$  Toe  $\pm 2.00^\circ$   
Required: 1 per wheel

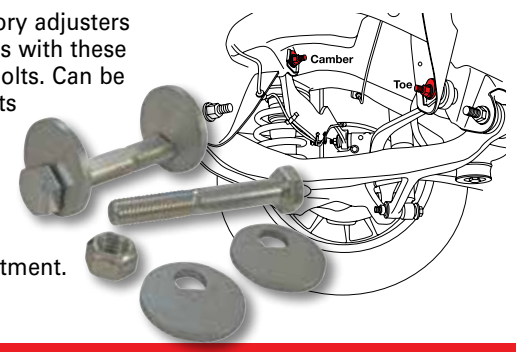
**APPLICATIONS**

- Buick:** 2007 - 17 Enclave
- Chevrolet:** 2008 - 17 Traverse
- GMC:** 2007 - 16 Acadia  
2017 - Acadia Limited
- Saturn:** 2007 - 2010 Outlook

## GM SUV REAR CAM BOLT (PR)

# 82105

Replace stripped or corroded factory adjusters on GM's Lambda platform vehicles with these rear camber and toe adjustment bolts. Can be used to replace camber or toe bolts on either side of the car. 2 kits required to replace all four positions and this kit provides the same adjustment range as the factory cam bolts. Use EZ Cams™ for front camber adjustment.



**Rear Adjustment range:**  
Camber  $\pm 2.00^\circ$   
Required: 1 per wheel

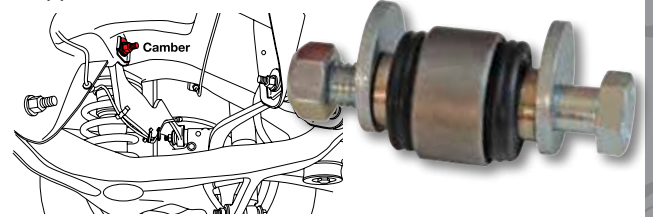
**APPLICATIONS**

- Buick:** 2007 - 17 Enclave
- Chevrolet:** 2008 - 17 Traverse
- GMC:** 2007 - 16 Acadia  
2017 - Acadia Limited
- Saturn:** 2007 - 2010 Outlook

## GM XAXIS™ AND CAM KIT

# 82106

Replace failed cross axis balljoints and frozen cam adjusters on the rear upper control arm of GM's popular Lambda platform vehicles with SPC's cam bolt and xAxis kit. This will let you adjust camber. Includes one xAxis™ joint and one cam bolt.



**Front Adjustment range:** Camber  $\pm 2.50^\circ$   
Required: 1 per axle

**APPLICATIONS**

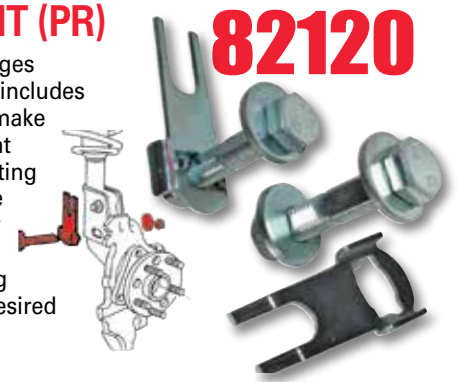
See application charts, pages 7-70 for years.

- Buick:** Electra, Le Sabre, Park Avenue, Reatta, Regal, 95 Riviera, Skyhawk, Somerset
- Cadillac:** Allante, Cimarron, Deville, Eldorado, Fleetwood, Seville, STS
- Chevrolet:** Beretta, Camaro, Cavalier, Corsica, Lumina Sedan, Monte Carlo
- Chrysler:** Concord, LHS, New Yorker
- Dodge:** Intrepid, Monaco
- Eagle:** Medallion, Premier, Vision
- Ford/Lincoln/Mercury:** Cars with modified strut suspensions
- Lexus:** ES250, ES300
- Oldsmobile:** Achieva, Aurora, Calais, Cutlass Supreme, Delta 88, Firenza, 98 Regency, Toronado, Trofeo
- Pontiac:** Bonneville, Firebird, Grand Am, Grand Prix, J2000, Sunbird, Sunfire
- Toyota:** Avalon, Camry, Previa

## CAMBER KIT (PR)

# 82120

This cam bolt kit changes camber up to  $\pm 2.5^\circ$ . It includes an adjusting plate to make the camber adjustment possible. After elongating the lower strut/spindle bolt hole with a rotary file, install the #82120 bolt and plate, rotating the bolt head to the desired adjustment.



**Front Adjustment range:**  
Camber  $\pm 2.0^\circ$   
Required: 1 per wheel

**APPLICATIONS with HiPer Strut**

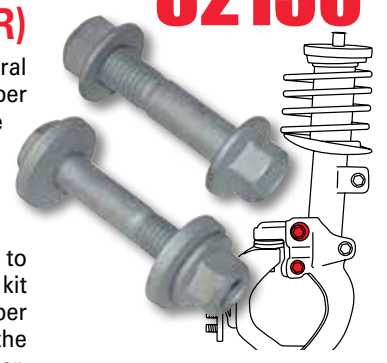
- Buick:** 2010 - Allure  
2016 - 19 Cascada  
2016 - 23 Envision  
2010 - 19 LaCrosse  
2011 - 17 Regal
- Cadillac:** 2014 - 16 ELR  
2013 - 19 XTS

Have a standard strut? See applications for the EZ Cam™ that fits your vehicle

## GM HIPER STRUT FRONT CAM BOLT SET (PR)

# 82130

GM's HiPer strut has been released on several Buicks and Cadillacs. To adjust front camber you must adjust the cam bolt on the knuckle assembly. However, GM is using torque-to-yield bolts that require replacement whenever an alignment is performed. Replace the OE torque-to-yield bolts with these upgraded bolts and you will not need to replace the bolt for future alignments. The kit includes 2 bolts; a cam bolt for the slotted upper hole and a standard replacement bolt for the lower hole, enough to align one corner.



**SPC's Performance Audi Arms Feature xAxis™**

- Sealed joint retains grease and excludes contaminants
- Highly polished electroless-nickel finish on ball maximizes durability
- Up to 45° angularity for high mis-alignment requirements

Look for the xAxis™ logo for performance you will feel!

# Parts

## 82135

### GM SUV REAR TOE CAM



Quickly restore lost adjustment with this rear toe adjustment cam. This cam is designed to fit a wide variety of latemodel GM SUVs and is sold per wheel. Order two kits to replace the toe adjusters on both sides of the vehicle.

**Front** Adjustment range:  
Toe  $\pm 1.75^\circ$

Required: 1 per wheel

#### APPLICATIONS

**Chevrolet:** 2018-22 Blazer  
2018-23 Traverse, Enclave  
2017-22 Arcadia

## 82355

### JEEP GRAND CHEROKEE FRONT CAM KIT



Install this cam and guide kit to quickly and accurately dial in the camber angle on newer Grand Cherokee models (WL). Even with the suspension loaded, this kit makes changes to camber fast and easy.

**Front** Adjustment range:  
Matches OE specs

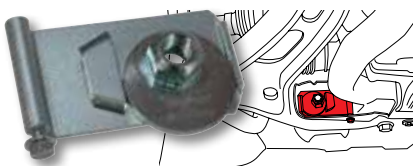
Required: 1 per wheel

#### APPLICATIONS

**Jeep:** 2021 - 22 Grand Cherokee

## 82360

### DODGE/JEEP FRONT CAMBER ADJUSTING KIT



Install this cam and guide kit to quickly and accurately dial in the camber angle on Grand Cherokees and Dodge Durangos. Even with the suspension loaded, this kit makes changes of up to  $\pm 1.5^\circ$  camber fast and easy.

**Front** Adjustment range: Camber  $\pm 1.50^\circ$

Required: 1 per wheel

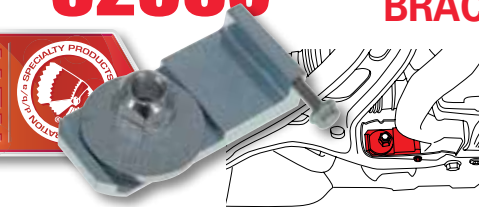
#### APPLICATIONS

**Dodge:** 2011 - 18 Durango  
**Jeep:** 2011 - 21 Grand Cherokee



## 82363

### DODGE/JEEP SRT8 CAM BRACKET KIT



Install this cam and guide kit to quickly and accurately dial in camber on Jeep Grand Cherokee SRT8 and Trackhawk models. Even with the suspension loaded, this kit makes changes of up to  $\pm 1.5^\circ$  camber fast and easy.

**Front** Adjustment range:  
Camber  $\pm 1.50^\circ$

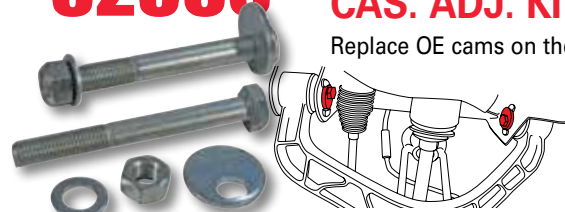
Required: 1 per wheel

#### APPLICATIONS

**Dodge:** 2016 - 23 Durango R/T, SRT, Hellcat, Special Service  
**Jeep:** 2012 - 22 Grand Cherokee, SRT, Trackhawk

## 82365

### DODGE/JEEP FRONT CAM./CAS. ADJ. KIT (PR)



Replace OE cams on the lower control arm of the 2002 to 2007 Jeep Liberty with this kit. Get the  $\pm 1.5^\circ$  camber/caster change that you need and lock it in with this simple R & R piece.

**Front** Adjustment range:  
Camber  $\pm 1.50^\circ$  Caster  $\pm 1.50^\circ$

Required: 1 per wheel

#### APPLICATIONS

**Dodge FWD/4WD:**  
2007 - 12 Nitro  
**Jeep FWD/4WD:**  
2002 - 12 Liberty

## 82370

### JEEP REAR PINION ANGLE ADJUSTING BOLTS (PR)



Correct rear pinion angle on Jeep TJs & ZJs by replacing the OE bolts on the upper trailing arms with these cam bolts.

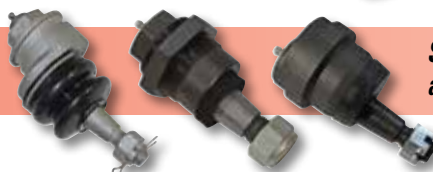
 **64225 - Angle Gauge, pg 167**

**Rear** Adjustment range:  
Pinion Angle  $\pm 2.00^\circ$

Required: 1 per axle

#### APPLICATIONS

**Jeep:** 1993 - 98 Grand Cherokee (ZJ)  
1997 - 06 Wrangler (TJ)



**SPC has OE replacement and adjustable pin joints for many Dodge, Ram and Jeep applications, see page 78 for more.**

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Applications

Alignment Parts

Heavy Duty

OE Replacement

Racing/Off-Road

Tools

Brake and CV

Gear/Index

**Front** Adjustment range:  
Caster  $\pm 1.50^\circ$  Pinion  $\pm 1.50^\circ$   
Required: 1 per axle

### APPLICATIONS

**Jeep:** 2018 - 24 Wrangler (JL)  
2020 - 24 Gladiator

 **85130 - Rotary File Set,**  
pg 169

## JEEP JL FRONT CASTER/ PINION CAMS (PR)

# 82375

Correct front pinion and caster issues on your stock or lifted Jeep with this adjustable cam kit from SPC. This kit is designed specifically for the new Jeep Wrangler JL and will provide  $\pm 1.5^\circ$  of adjustment. You will need to slot the axle brackets to get the adjustment you need, use SPC rotary file set **#85130** or similar.



**Rear** Adjustment range:  
Pinion  $\pm 1.50^\circ$   
Required: 1 per axle

### APPLICATIONS

**Jeep:** 2018 - 24 Wrangler (JL)

 **85130 - Rotary File Set,**  
pg 173

## JEEP JL REAR PINION CAMS (PR)

# 82376

Correct rear pinion angle issues on your stock or lifted Jeep with this adjustable cam kit from SPC. This kit is designed specifically for the new Jeep Wrangler JL will provide  $\pm 1.5^\circ$  of adjustment. You will need to slot the holes on your axle brackets to get the adjustment you need, use SPC rotary file set **#85130** or similar.




**Front/Rear** Adjustment range:  
Caster  $\pm 1.50^\circ$ /Pinion Angle  $\pm 1.50^\circ$   
Required: 1 per axle

### 82380 APPLICATIONS

**Jeep 4WD:** 1997 - 06 Wrangler (TJ)  
**Dodge 4WD:** *With 36mm cams*  
1994 - 99 1500 Ram

### 82390 APPLICATIONS (Front & Rear)

**Jeep RWD/4WD:** 2007 - 18 Wrangler (JK)

 **74910 - Punch,** pg 170

## JEEP CASTER/PINION ANGLE ADJUSTERS

# 82380 82390

These cams replace the front axle bolt to provide caster and pinion angle (up to  $\pm 3^\circ$  total change). NOTE: Our **#82380** is for 1997 - 06 Wrangler TJs, 1993 - 98 Grand Cherokees and 1994 - 98 Ram Trucks *with 36mm cams*.

To elongate OE bolt holes on the **#82390** use our knock out punch - **#74910**. Front caster will change as you adjust pinion angle. Use our offset pin joints (**#23510-23540**) for additional caster adjustment and to adjust camber.

Check out  
our JK  
Suspension  
Arms on  
page 70



**Front** Adjustment range:  
Caster  $\pm 2.00^\circ$  Pinion  $\pm 2.00^\circ$   
Required: 1 per axle

### APPLICATIONS

**Dodge 4WD:** 2000 - 09 2500 Ram  
2000 - 09 3500 Ram  
2006 - 08 1500 Ram Mega Cab  
**Dodge RWD:** 2000 - 09 3500 Ram  
with mono beam

## DODGE CASTER CAMS (PR)

# 82385

Dodge solid front axled 3/4 and 1-ton trucks equipped with non-adjustable or corroded lower control arm bolts can now replace their OE bolts (*50mm cams*) with the **#82385** Caster Adjustment Cam Kit. These replacement cam bolts provide caster and pinion adjustment up to  $\pm 2.00^\circ$ . Achieve desired alignment settings with or without suspension lift kits along with providing additional positive caster for improved tracking.



**Front** Adjustment range:  
Caster  $\pm 2.00^\circ$  Pinion  $\pm 2.00^\circ$   
Required: 1 per axle

### 82386 APPLICATIONS

**Ram 4WD:** 2010 - 13 2500; 2010 - 13 3500  
**Ram RWD:** 2010 - 13 3500 with monobeam

### 82387 APPLICATIONS

**Ram 4WD:** 2014 - 24 2500; 2013 - 20 3500  
**Ram RWD:** 2013 - 24 3500 with monobeam

## HD RAM ADJ. CAM KIT (PR)

# 82386 82387

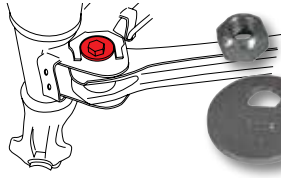
Replace frozen or worn lower control arm bolts. Designed for the rigors of Ram heavy duty trucks, these high strength bolts come with a corrosion resistant coating for long life. Adjust caster or pinion angle by  $\pm 2.0^\circ$  to dial in your alignment settings or to correct for a suspension lift kit.



# Parts

## 82395

### DODGE CASTER/PINION CAMS (PR)



Replace the non adjustable or corroded OE bolts on Dodge 3/4 and 1-ton trucks to get  $\pm 1.5^\circ$  of caster and pinion angle change. Whether the truck is lifted or stock ride height, optimize caster and pinion angles for better tracking and axle/drive shaft position.

**Front Adjustment range:**  
Caster  $\pm 1.50^\circ$  Pinion  $\pm 1.50^\circ$

Required: 1 per axle

#### APPLICATIONS

##### Dodge 4WD:

1994 - 99 1500 Ram,  
2500 Ram HD, 3500 Ram

##### Dodge RWD:

1994 - 99 3500 Ram  
with mono beam

Applications

Alignment Parts

Heavy Duty

OE Replacement

Racing/Builders

Tools

Brake and CV

Gear/Index

## 82400

### DODGE DAKOTA CAMBER/CASTER ADJUSTING KIT (PR)



Replace OE cams on the lower control arm of popular Dodge Dakota light trucks with this kit. Get the  $\pm 2^\circ$  camber/caster change that you need and lock it in with this simple R&R piece.

**Front Adjustment range:**  
Camber/Caster  $\pm 2.00^\circ$

Required: 1 per wheel

#### APPLICATIONS

**Dodge RWD/4WD:** 2005-11 Dakota

**Mitsubishi RWD/4WD:**  
2006 - 09 Raider

Heavy Duty

## 82420

### DODGE 1500 CAM KIT (PR)



Replace corroded or damaged factory front camber and caster bolts on the Dodge 1500 with these hex chromate free 700 hour salt spray tested cam bolts from SPC. This kit is sold per wheel and gives you the same adjustment range as the factory cam,  $\pm 2^\circ$  for camber and caster and is enough to replace the bolts on one lower control arm. Need more change, use SPC's adjustable upper ball joint #23940.

**Front Adjustment range:**  
Camber/Caster  $\pm 2.00^\circ$

Required: 1 per wheel

#### APPLICATIONS

##### Dodge/Ram RWD/4WD:

2006 - 22 Ram 1500  
Except Mega Cab

**Ram RWD/4WD:** 2011 - 22 1500

OE Replacement

Racing/Builders

## 83160

### CHRYSLER/FORD/GM OE REPLACEMENT CAMBER/CASTER KIT (PR)



These cams are used as an OE replacement on the front and/or rear of vehicles listed.

Required: 1 per wheel

#### APPLICATIONS

**Front camber or caster** Adjustment range:  $\pm 2.00^\circ$

**Chrysler:** 1960 - 73 all cars

**Dodge:** 1960 - 73 all cars (except B & E bodies); 1972 - 89 AD150  
1972 - 87 D100, D150, D200, D250. D300, D350, D400, D450  
1974 - 87 Ramcharger

**Plymouth:** 1960 - 73 all cars; 1974 - 81 Trailduster

**Front camber** Adjustment range:  $\pm 2.00^\circ$

**Ford:** 1966 - 70 Fairlane, Falcon; 1966 - 71 Torino  
1967 - 73 Mustang; 1967 - 79 Maverick

**Mercury:** Cougar 1967 - 79; 1966 - 70 Montego; 1967 - 79 Comet  
1975 - 80 Granada/Monarch

**Rear camber** Adjustment range:  $\pm 2.00^\circ$

**Chevrolet:** Corvette 1963 - 82

Tools

Brake and CV

## 83170

### FRONT CAMBER ADJ KIT (PR)



These heavy duty adjusters provide up to  $\pm 2.5^\circ$  front camber change for Chrysler/Dodge/Plymouth Mini-Vans and FWD cars along with VW Routans.

**Front Adjustment range:** Camber  $\pm 2.50^\circ$

Required: 1 per axle

#### APPLICATIONS

##### Chrysler/Dodge/Plymouth:

1996 & up Mini-Vans

(Caravan, Town & Country, Voyager), 2012 - 13 Tradesman Conv. Van  
1980 - 95 FWD 400, 600, Acclaim, Aries, Caravelle, Charger, Daytona,  
Dynasty, E Class, Fifth Ave., Imperial, Horizon, Lancer, New Yorker,  
Omni, Rampage, Reliant, Scamp, Shadow, Spirit, Sundance, TC3,  
Tourismo **Volkswagen:** 2009 - 14 Routan

 **85130 - Rotary File Set, pg 173**

**83180** *Front* Adjustment range:  
Camber/Caster  $\pm 2.0^\circ$   
*Rear* Adjustment range:  
Camber/Toe  $\pm 2.0^\circ$

**83185** *Front* Adjustment range:  
Camber/Caster  $\pm 1.0^\circ$   
Required: 1 per wheel

**APPLICATIONS**

- 83180** Mazda: 1990 - 05 Miata (MX-5)
- 83185** Mazda: 2006 - 15 Miata (MX-5)

## MAZDA MIATA MX-5 CAMBER/CASTER ADJUSTING KIT (PR)

Use this kit to replace stripped or bent OE alignment cam assemblies on the Mazda Miata MX-5. SPC's cams are heat treated to prevent stripping or warping. The kit is available per wheel and allows full use of the factory adjustment range.

**83180**  
**83185**



*Front* Adjustment range: Cam/Cas  $\pm 1.25^\circ$   
Required: 1 per wheel

**APPLICATIONS**

- Chevrolet 4WD:** 1982 - 04 Blazer, S-10
- GMC 4WD:** 1982 - 04 Jimmy, Sonoma
- Isuzu 4WD:** 1996 - 00 Hombre
- Oldsmobile 4WD:** 1991 - 01 Bravada

## CHEVY/GMC CASTER/ CAMBER ADJ. KIT (PR)

The #83710 is an OE replacement cam and bolt kit for the popular 4WD Chevy S-10/ Blazer and GMC Sonoma/ Jimmy. Adjust  $\pm 1.25^\circ$  camber and caster with this simple to use set-up.

**83710**



*Front* Adjustment range: Cam/Cas  $\pm 2.00^\circ$   
Required: 1 per wheel

**APPLICATIONS**

- Cadillac/Chevrolet/GMC AWD:** 1990 - 05 Astro/Safari Van
- 4WD:** 1988 - 00 1500, 2500, 3500 (99-00 Classic Only)
- RWD/4WD:** 1992 - 94 Blazer (full size)
- 4WD:** 1988 - 91 Jimmy (full size)
- 1999 - 00 Escalade; 1992 - 99 Yukon
- 1992 - 99 Suburban; 1995 - 99 Tahoe
- RWD:** 1996 - 02 Express/Savana

## GM HEAVY DUTY CAMBER/CASTER KIT (PR)

These heavy duty cam bolts replace the upper control arm mounting bolts. This kit has convenient slip-on cams which makes install easier. Remove the OE bolts and replace them with these cams, rotating to provide camber and caster adjustment. Use #74910 punch to remove the OE slugs and elongate the hole. #87400 includes 4 cam and bolt assemblies to cover both sides of the vehicle.

**83790**



74910 - Punch, pg 170

*Rear* Adjustment range: Toe  $\pm .75^\circ$   
Required: 1 per wheel

**84080 APPLICATIONS**

- Hyundai:** Nexo, Azera, Sonata, Tucson
- Kia:** Cadenza, Optima, Optima Hybrid, Sportage(FWD), All (FWD) models

**84085 APPLICATIONS**

- Hyundai:** Azera, Kona (AWD), Palisade, Santa Fe Wagon, Sonata, Tucson (FWD/AWD), Veloster
- Kia:** Cadenza, K900, Optima, Sedona, Seltos, Sorrento, Sportage (AWD), Sportage(FWD)

## HYUNDAI/KIA REAR TOE CAM

Quickly restore lost adjustment due to frozen or broken adjusters with this rear toe adjustment cam from SPC. This cam is designed to fit a wide variety of late model Hyundai and Kia vehicles and is sold per wheel. Order two kits to replace the toe adjusters on both sides of the vehicle.

**84080**  
**84085**



*Front* Adjustment range: Cam/Cas  $\pm 1.25^\circ$   
Required: 1 per wheel

**APPLICATIONS**

- Chrysler:** 2015 - 17 200
- Hyundai:** 2018 - 23 Kona
- 2019 - 21/22 Veloster/N
- Jeep:** 2014 - 23 Cherokee
- Kia:** 2021 - 24 Seltos

## REAR LCA CAMBER CAM BOLT

Quickly restore lost adjustment due to frozen or broken adjusters with this rear camber adjustment cam. This cam is designed to fit late model Hyundai Veloster and Kona models as well as the Jeep Cherokee and is sold per wheel.

**84086**



# Parts

## 84090

### HYUNDAI/KIA REAR CAMBER CAM



Quickly restore lost adjustment due to frozen or broken adjusters with this rear camber adjustment cam from SPC. This cam is designed to fit a wide variety of late model Hyundai and Kia vehicles and is sold per wheel. Order 2 cams to service both sides of your vehicle.

**Rear** Adjustment range: Camber  $\pm 75^\circ$

Required: 1 per wheel

#### APPLICATIONS

- Hyundai:** 2020-22 Palisade; 2006-17 Azera; 2006-19 Sonata; 2013-20 Santa Fe; 2021-23 Santa Fe (Hybrid); 2010-21 Tucson
- Kia:** 2014-20 Cadenza; 2011-19 Optima; 2015-21 Sedona; 2014-20 Sorento; 2021-22 Sorento (Hybrid); 2011-22 Sportage; 2021-23 Seltos

## 84095

### HYUNDAI/KIA REAR CAMBER CAM



Quickly restore lost adjustment due to frozen or broken adjusters with this rear camber adjustment cam from SPC. This cam is designed to fit a wide variety of late model Hyundai, Kia and Genesis vehicles and is sold per wheel

**Rear** Adjustment range: Camber  $\pm 75^\circ$

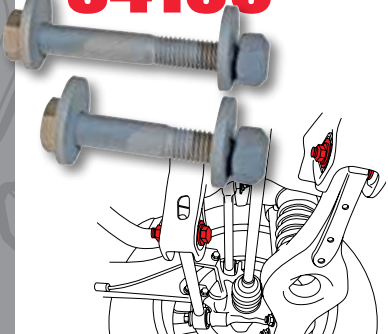
Required: 1 per wheel

#### APPLICATIONS

- Hyundai:** 2018 - 22 Kona, Elantra GT Sport  
2017 - 22 Ioniq
- Kia:** 2008 - 12 Borrego  
2011 - 13 Sorento  
2017 - 22 Niro

## 84100

### HYUNDAI/KIA REAR ADJ. CAMS



Replace damaged or corroded factory alignment adjusters on the rear suspension of many Hyundai and Kia SUV models with these cam bolts from SPC. These bolts are designed to provide the same adjustment range as the original components while providing superior corrosion and salt resistance with SPC's 700 hour salt spray tested coating. This kit includes two bolts: a replacement camber bolt and toe bolt to restore adjustability for one side of the vehicle. Order two kits to restore adjustment to the entire rear suspension.

**Rear** Adjustment range: Camber  $\pm 1.5^\circ$  Toe  $\pm 1.5^\circ$

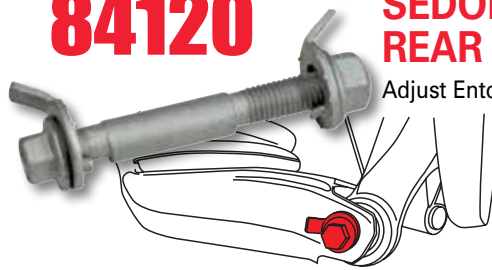
Required: 1 per wheel

#### APPLICATIONS

- Hyundai:** 2022 - Santa Cruz  
2021 - 23 Santa Fe  
2020 - 22 Sonata
- Kia:** 2022 - 23 Carnival  
2021 - 23 K5  
2021 - 22 Sorento (w/o Hybrid)  
2021 - 22 Telluride

## 84120

### SEDONA/ENTOURAGE REAR CAM BOLT



Adjust Entourage and Sedona rear camber with this patented camber bolt. Simply replace the rear lower control arm to knuckle bolt with SPC's bolt and get  $\pm 75^\circ$  camber change to get the vehicle back to specification.

**Rear** Adjustment range: Camber  $\pm 75^\circ$

Required: 1 per wheel

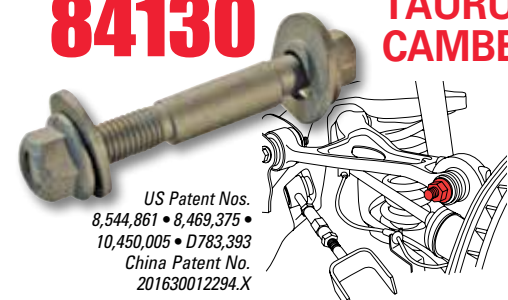
#### APPLICATIONS

- Hyundai:** 2007 - 09 Entourage
- Kia:** 2006 - 14 Sedona

US Patent Nos. 8,544,861 • 8,469,375 • D783,393  
China Patent No. 201630012294.X

## 84130

### TAURUS PLATFORM REAR CAMBER KIT



US Patent Nos.  
8,544,861 • 8,469,375 •  
10,450,005 • D783,393  
China Patent No.  
201630012294.X

Adjust rear camber on many non-adjustable Ford and Lincoln models with SPC's patented EZCam™ Bolt. Simply replace the rear upper control arm to knuckle bolt with this bolt and get  $\pm 0.75^\circ$  of camber adjustment to bring your vehicle back into specification.

**Rear** Adjustment range: Camber  $\pm 75^\circ$

Required: 1 per wheel

#### APPLICATIONS

- Ford:** 2010 - 19 Taurus  
2009 - 19 Flex  
2011 - 19 Explorer
- Lincoln:** 2009 - 16 MKS  
2010 - 19 MKT

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Applications

Alignment Parts

Heavy Duty

NEW

OE Replacement

Racing/Builders

Tools

Brake and CV

Gear/Index

**Front** Adjustment range:  
Camber  $\pm 1.75^\circ$

Required: 1 per axle

#### APPLICATIONS

**Ford:** 2013 - 19 Taurus  
2003 - 19 Flex  
2013 - 19 Explorer  
**Lincoln:** 2003 - 16 MKS  
2013 - 19 MKT

## FORD/LINCOLN FRONT CAMBER (PR) 84135

Adjust front camber on many non-adjustable Ford and Lincoln models with SPC's patented EZCam™ Bolt. Simply replace the front strut to knuckle bolt with this bolt and get  $\pm 1.75^\circ$  of camber adjustment to bring your vehicle back into specification.



**Rear** Adjustment range: Camber  $\pm .75^\circ$ /  
Caster  $\pm 1.25^\circ$

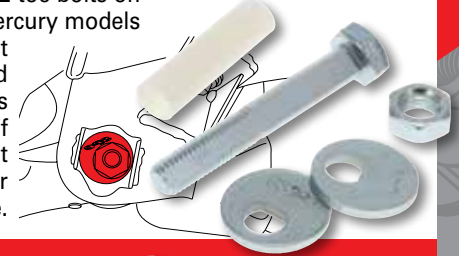
Required: 1 per wheel

#### APPLICATIONS

**Ford:** 2001 - 12 Escape,  
2013 - 22 Eco Sport  
**Mazda:** 2001 - 11 Tribute  
**Mercury:** 2005 - 11 Mariner

## FORD ESCAPE TOE CAM 86130

Replace corroded or damaged OE toe bolts on the rear of many Ford/Lincoln/Mercury models with this replacement cam kit from SPC. This cam kit is designed to replace the factory adjusters and provide the same amount of adjustment as the factory part it is replacing. One kit is needed per axle of the vehicle.



**Rear** Adjustment range: Camber  $\pm .75^\circ$ /  
Caster  $\pm 1.25^\circ$

Required: 1 per axle

#### APPLICATIONS

**Ford:** 2013 - 18 C-Max  
2013 - 22 Escape  
2013 - 22 Focus

## REAR TOE CAM BOLT 86131

Restore lost toe adjustment on the rear of many Ford vehicles with this replacement toe cam bolt from Specialty Products. This cam bolt features a hex chromate-free finish for industry leading corrosion resistance. One kit is needed per side of the vehicle.



**Rear** Adjustment range: Camber  $\pm .75^\circ$ /  
Caster  $\pm 1.25^\circ$

Required: 1 per axle

#### APPLICATIONS

**Ford:** 2021 - 24 Bronco Sport  
2020 - 24 Escape  
2022 - 24 Maverick

## REAR TOE CAM BOLT 86132

Restore lost toe adjustment on the rear of many Ford vehicles with this replacement toe cam bolt from Specialty Products. This cam bolt features a hex chromate-free finish for industry leading corrosion resistance.



**Front** Adjustment range:  
Camber  $\pm .75^\circ$ /Caster  $\pm 1.25^\circ$

Required: 1 per axle

#### APPLICATIONS

**Ford:** 2002 - 05 Explorer  
**Lincoln:** 2003 - 05 Aviator  
**Mercury:** 2002 - 05 Mountaineer



## FORD FRONT CAM./CAS. KIT 86140

Caster and camber adjustments can be made easily by installing this kit. By replacing the stock alignment washers on the upper control arms, caster and camber can be adjusted by turning the cam nuts to obtain the proper readings. These cam kits give you the full range of caster and camber adjustment and can make alignment changes for the life of the vehicle.



**Rear** Adjustment range:  
Camber  $\pm .50^\circ$

Required: 1 per axle

#### APPLICATIONS

**Ford:** 2002 - 05 Explorer  
**Lincoln:** 2003 - 05 Aviator  
**Mercury:** 2002 - 05 Mountaineer

## FORD REAR CAMBER KIT 86180

This camber adjuster lets you easily adjust camber on the Explorer/Mountaineer fully independent rear suspension systems. Full range of camber adjustment can be made by replacing the stock alignment washer on the rear lower control arm and installing the plate and cam nut. Camber can then be adjusted by turning the cam nut until the desired readings are obtained.



## 86220

### ALIGNMENT CAS/ CAM BOLT KIT

Replace damaged or corroded factory adjusters on the new Ford Rangers and Broncos with this replacement cam kit from SPC. This kit is designed to replace the factory adjusters on the front lower control arm and provide the same adjustment range as the factory part it is replacing.

**Front** Adjustment range: Cam/Cas  $\pm 1.0^\circ$

Required: 1 per wheel

#### APPLICATIONS

**Ford:** 2021-24 Bronco  
2019-24 Ranger

Applications

NEW Alignment Parts

Heavy Duty

OE Replacement

Racing/Builders

Tools

Brake and CV

Gear/Index

## 86250

### FORD ADJUSTABLE CAM NUT/BRACKET (PR)

The innovative cam nut and sturdy bracket saves time and money. Easily adjust camber and caster on F150's and Expeditions. Save time since you don't have to remove the OE bolt or stabilizer bar. The sturdy guide bracket allows for live adjustment on the lower control arm. This product is a must have every time these vehicles enter your shop!

**Front** Adjustment range:

Camber  $\pm 1.00^\circ$  Caster  $\pm 1.50^\circ$

Required: 1 per wheel

#### APPLICATIONS

**Ford RWD/4WD:**

2007 - 17 Expedition  
2004 - 24 F150  
2010 - 20 Raptor

**Lincoln:**

2006 - 08 Mark LT  
2007 - 17 Navigator



## 86252

### RAPTOR & F150 HD CAM FRONT CAM/CAS KIT (PR)

This heavy-duty cam-bolt kit was specifically designed for the extreme Raptor and F-150 user. Whether you are an energetic Raptor driver or abuse your F-150 in the fields and on the job site, you may have found that the OE bolts slip or that a single cam option does not hold alignment. This upgraded cam kit features two cams and bosses per bolt. The two cams will keep your bolt square and make adjustment easier while the new bolt and low friction finish achieve 25% more clamp load than the OE hardware. Some drilling is required to accommodate the second boss plate. This kit is sold per wheel and fits Raptors, non-Raptor F-150's and related SUVs.

**Front** Adjustment range:

Camber  $\pm 1.00^\circ$  Caster  $\pm 1.50^\circ$

Required: 1 per wheel

#### APPLICATIONS

**Ford RWD/4WD:**

2007 - 17 Expedition  
2004 - 24 F150  
2010 - 20 Raptor

**Lincoln:**

2006 - 08 Mark LT  
2007 - 17 Navigator



*SPC also carries an adjustable upper control arm for late and current models of the popular F150. See page 80 for options for both lifted and lowered vehicles, perfect to achieve greater droop travel, move oversized tires in the wheel well and improve drivability and tracking.*



## 86255

### F150 PINION ANGLE SHIMS (PR)

This wedge-type shim fits the 2 hole design of this platform between the rear spring and the axle to change pinion angle and align the driveline on vehicles that have been lowered or lifted.

**Rear** Adjustment range: Pinion  $\pm 2.50^\circ$

Required: 1 per axle

#### APPLICATIONS

**Ford:** 2004 - 20 F150



64225 - Angle Gauge, pg 167

**Locks in OE adjustment** Required: 1 per wheel

## 86320 APPLICATIONS

**Cadillac RWD/4WD:** 2002 - 22 Escalade  
**Chevrolet/GMC RWD/4WD:** 1999 - 18 1500 & 1500HD Crew Cab; 1999 - 10 2500, 3500; 2002 - 13 Avalanche 1500, 2500; 2004 - 12 Canyon & Colorado  
2003 - 22 Express/Savana Van; 2000 - 22 Suburban, Tahoe, Yukon, Yukon XL (1500, 2500)

**Hummer AWD:** 2002 - 09 H2; 2006 - 10 H3, H3T

## 86321 APPLICATIONS

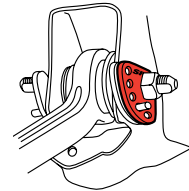
**Upper Arm:** Chevrolet/GMC RWD/4WD: 2011 - 19 2500HD, 3500HD

**Lower Arm:** Chevrolet/ GMC RWD/4WD: 2015 - 22 Colorado, Canyon

## GM ALIGNMENT CAM LOCK PLATE (PR)

# 86320 86321

This lock plate is designed to keep the front alignment angles in position by replacing the existing slotted cam. Simply replace the slotted cam with this indexed cam and you will be locked in.



**Replacement Pins #86325, #86326 - below**

Upper Arm Installation

Lower Arm Installation

**Front Replacement Part:**  
8 pins per package

## 86325 APPLICATIONS

**Cadillac RWD/4WD:** 2002 - 22 Escalade  
**Chevrolet/GMC RWD/4WD:** 1999 - 18 1500 & 1500HD Crew Cab; 1999 - 10 2500, 3500; 2002 - 13 Avalanche 1500, 2500; 2004 - 12 Canyon & Colorado  
2003 - 22 Express/Savana Van; 2000 - 22 Suburban, Tahoe, Yukon, Yukon XL (1500, 2500)

**Hummer AWD:** 2002 - 09 H2; 2006 - 10 H3, H3T

## 86326 APPLICATIONS

**Upper Arm:** Chevrolet/GMC RWD/4WD: 2011 - 19 2500HD, 3500HD

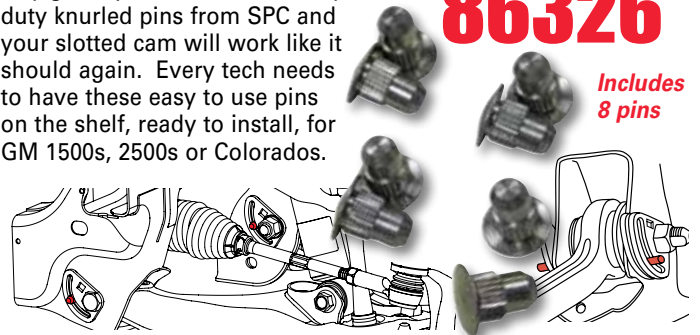
**Lower Arm:** Chevrolet/ GMC RWD/4WD: 2015 - 22 Colorado, Canyon

## GM ALIGNMENT PINS

# 86325 86326

Replace bent, damaged or lost factory guide pins with these heavy duty knurled pins from SPC and your slotted cam will work like it should again. Every tech needs to have these easy to use pins on the shelf, ready to install, for GM 1500s, 2500s or Colorados.

Includes 8 pins



Lower Arm Installation

Upper Arm Installation

**Front Adjustment range:** Camber  $\pm 1.00^\circ$

Required: 1 per wheel

## 86330 APPLICATIONS

**Chevrolet/GMC RWD/4WD:** 2001 - 06 1500HD Crew Cab; 1999 - 10 2500, 3500  
2002 - 06 Avalanche 2500; 2000 - 14 Suburban 2500  
2000 - 14 Yukon XL 2500

**Hummer AWD:** 2002 - 09 H2



## 86350 APPLICATIONS

**Cadillac RWD/4WD:** 2002 - 22 Escalade  
**Chevrolet/GMC RWD/4WD:** 1999 - 18 1500 1988 - 00 1500, 2500, 3500 (1999-00 'Classic' only)  
2002 - 13 Avalanche 1500; 1992 - 94 Blazer (full size)  
2003 - 22 Express/ Savana Van  
1988 - 91 Jimmy (full size); 1992 & Up Suburban 1500  
1995 - 20 Tahoe; 1992 - 20 Yukon

## GM RWD/4WD FRONT CAMBER BUSHINGS (PR)

# 86330 86350

Replace the upper OE bushings with these offset control arm bushings to get  $\pm 1.0^\circ$  of additional camber change. OE style rubber maintains the original ride characteristics.



**72509 - Ball Joint Press, pg 169**

**Front Adjustment range:**  
Camber  $\pm 1.50^\circ$ /Caster  $\pm 1.50^\circ$

Required: 1 per wheel  
(2 Cams in kit)

## APPLICATIONS

**Chevrolet:** 2004 - 12 Colorado  
**GMC:** 2004 - 12 Canyon  
**Hummer:** 2006 - 10 H3, H3T  
**Isuzu:** 2006 - 08 i350/i370

## GM MID-SIZED CAMS (PR)

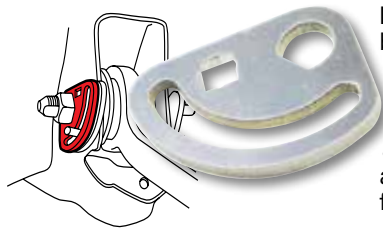
# 86360

GM's late-model mid-sized 4WD's have very little clearance to adjust the camber and caster with the OE adjusting cams. These specially designed adjusters replace the OE adjusters, and feature a 3/8" square drive hole, allowing fast and easy "on-the-vehicle" adjustments with any standard breaker bar. The unique design saves time by installing onto the OE bolt - no need to replace the bolt - and allows for quick future adjustments.



## 86370

### GM VAN ALIGNMENT CAM PLATE (EACH)



Designed to be easily adjusted with a 3/8" drive breaker bar, this cam makes the difficult to align 2003 and up GMC Savana and Chevy Express Vans a snap. Simply replace the OE cam on the forward bushing with this cam and you will be able to dial in camber and caster. This cam can also be used as a replacement cam for 1999 & up full size Chevrolet/GMC Trucks and SUVs.

**Front Adjustment range:**  
Camber  $\pm 1.50^\circ$ /Caster  $\pm 1.50^\circ$

Required: 1 per wheel

#### APPLICATIONS

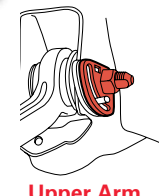
**Chevrolet/GMC RWD/4WD:**  
2003 - 22 Express & Savana Van

*Replacement Pins #86325  
Previous Page*

## 86375 86376

### GM REPLACEMENT FRONT ALIGNMENT PLATE AND CAM (PR)

The **#86375** kit is a stock OE replacement cam/bolt kit for newer GM 1/2, 3/4, and 1 ton truck and van applications. The **#86376** kit is a stock OE replacement cam/bolt kit for newer GM heavy duty applications. These kits are for camber and caster adjustment. Fast, simple installation. For additional change for the 1/2, 3/4 and 1 ton vehicles see our bushings **#86330** & **#86350** or our adjustable ball joint **#23960**.



Upper Arm Installation

Lower Arm Installation

**Front Adjustment range:** Camber/Caster  $\pm 1.50^\circ$

Required: 1 per wheel

#### 86375 APPLICATIONS

**Cadillac RWD/4WD:** 2002 - 22 Escalade  
**Chevrolet/GMC RWD/4WD:** 1999 - 18 1500 & HD Crew Cab; 1999 - 10 2500, 3500; 2002 - 13 Avalanche 1500, 2500; 2004 - 12 Canyon & Colorado 2003 - 22 Express/Savana Van; 2000 - 22 Suburban, Tahoe, Yukon, Yukon XL (1500, 2500)  
**Hummer AWD:** 2002 - 09 H2; 2006 - 10 H3, H3T

#### 86376 APPLICATIONS

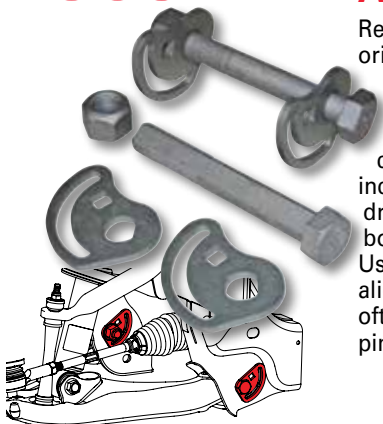
**Upper Arm:** **Chevrolet/GMC RWD/4WD:**  
2011 - 19 2500HD, 3500HD  
**Lower Arm:** **Chevrolet/ GMC RWD/4WD:**  
2015 - 22 Colorado, Canyon

*Replacement Pins  
#86325 & #86326 - Previous Page*

## 86377

### GM 1500 FRONT CAMBER/CASTER PLATE AND CAM (PR)

Replace corroded or damaged original equipment alignment cams on GM and Chevy 1500 trucks with this cam and bolt kit. SPC's replacement camber and caster cam kit includes a provision for 3/8" drive ratchet wrench when the bolt head is difficult to reach. Use part number **#86326** HD GM alignment pins to replace the often abused or missing OE pins.



**Front Adjustment range:** Camber/Caster  $\pm 1.50^\circ$

Required: 1 per wheel

#### 86377 APPLICATIONS

**Cadillac RWD/4WD:** 2019 - 24 Escalade  
**Chevrolet/GMC RWD/4WD:** 2019 - 24 Silverado 1500, Tahoe, Suburban, Yukon & Sierra 1500

*Replacement Pins  
#86326 - Previous Page*

### Featured Owner: @nickz350z

*My 2003 Nissan 350Z, it was rescued from rotting in a farmers field. Now it's rocking a custom Kms front lip, side skirts and duckbill for that aggressive stance. The car's lowered perfectly for both street and track days. The wheels are staggered Niche setup with 20x10.5 in rear and 19x9.5 in front and paired with the Brembo big brake kit. But the real game-changer? My fully adjustable SPC control arms. They let me fine-tune the handling, giving me razor-sharp precision in the corners. Whether it's the track or a weekend canyon run, these arms keep the Z dialed in every time.*



Follow @nickz350z on Instagram and see SPC products in action.

**Front** Adjustment range:  
Caster +2.00° *Fixed*

Required: 1 per axle

### APPLICATIONS

**Cadillac RWD/4WD:**

2002 - 06 Escalade

**Chevrolet/GMC RWD/4WD:**

2002 - 06 Avalanche 1500

1999 - 06 Silverado 1500

2000 - 06 Suburban 1500

2000 - 06 Tahoe

**GMC RWD/4WD:**

1999 - 06 Sierra 1500

2000 - 06 Yukon 1500 inc. XL

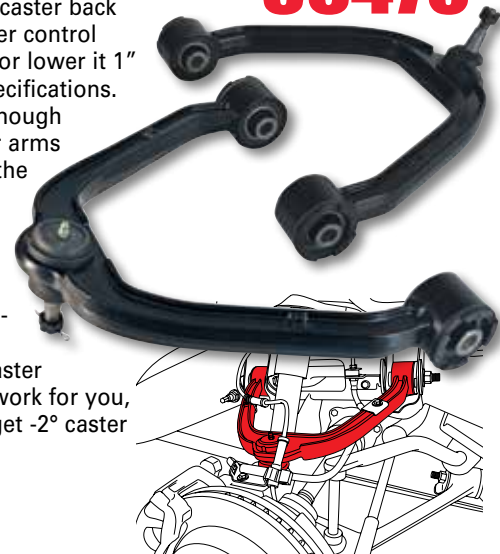
*Need to replace the OE adjusters? Consider SPC's #86375 replacement cams (pg. 132), #86325 replacement alignment pins (pg. 131) and #86320 alignment locking plates (pg. 130).*

## GM FRONT CONTROL ARMS

# 86470

Get your GM Truck or SUV's front caster back in spec with these fixed offset upper control arms. Whether you lift your rig 3" or lower it 1" the caster will be out of factory specifications. The OE adjusters do not provide enough change, so install SPC offset upper arms for 2° caster change and then use the OE cams to dial in your alignment and get drivability back.

Kit includes arms for both the right and left hand side. It can be used for lifted and lowered applications, if you drop your ride height more than 1" it will start to gain caster very quickly. These arms will still work for you, swap these arms left to right and get -2° caster change if you need it.



### These arms feature:

- Full forged construction for maximum strength.
- Booted and greasable ball joints.
- **SPC's xAxis™ technology with a twist.** The xAxis™ sealed flex joints used in these arms provide a free pivot for droop and misalignment so that OE caster and camber adjustments will not bind the joint. These joints also have rubber isolation to retain OE levels for Noise, Vibration, and Harshness (NVH).

Designed, engineered, tested and assembled in Colorado.

**SPC Performance Arms will:**

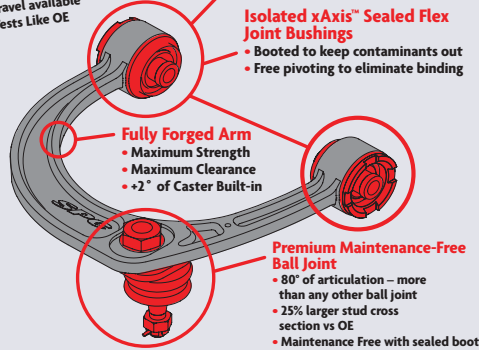
- Allow you to center your wheel in the wheel well
- Get caster/drivability back
- Give you the most suspension travel available
- Tests Like OE

**Bonded Rubber Sleeve**  
To minimize Noise, Vibration and Harshness (NVH)

**Isolated xAxis™ Sealed Flex Joint Bushings**  
• Booted to keep contaminants out  
• Free pivoting to eliminate binding

**Fully Forged Arm**  
• Maximum Strength  
• Maximum Clearance  
• +2° of Caster Built-in

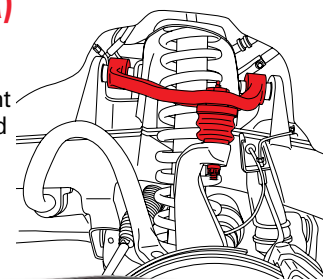
**Premium Maintenance-Free Ball Joint**  
• 80° of articulation – more than any other ball joint  
• 25% larger stud cross section vs OE  
• Maintenance Free with sealed boot



## COLORADO/ CANYON FRONT UPPER ADJ. ARMS (PR)

# 86490

Improve droop travel, drivability and tire wear as well as adjusting tire position in your wheel well with SPC's adjustable front upper control arms. Featuring an upgraded greasable ball joint and rubber isolated xAxis™ bushings, this arm is designed to correct alignment angles while maintaining factory ride quality. SPC's fully forged steel design provides the strength and durability needed for the most demanding environments. These remove and replace arms are sold in pairs.



**Front** Adjustment range:  
Camber ±2.0°  
Caster 0° to +4.0°

Required: 1 per axle

### APPLICATIONS

**Chevrolet:** 2015 - 24 Colorado

**GMC:** 2015 - 24 Canyon

*Need to replace the lower arm adjusters? Consider SPC's #86376 replacement cams (pg. 132), #86326 replacement alignment pins (pg. 131) and #86321 alignment locking plates (pg. 130).*

Patent No. US 7,513,514

- **Get more droop travel:** Don't let OE ball joints or mono-ball articulation limit your travel. SPC joints are oversized and provide 80° of travel.
- **Get your drivability and tracking back:** Your truck may have started to 'wander' after you lifted it. That is because you lost caster. Install SPC arms and get your 'drivability' back by putting your alignment in specification.
- **Get your tire where you want it in the wheel well:** Are your oversized tires rubbing the fenders or frame rails? SPC Adjustable Arms, in combination with OE adjustments on the lower arm, allow you to dial in alignment specs at the same time that you move the tire forward/outward in the wheel well by up to 1".

## 86640



### FRONT CAMBER/CASTER EXPEDITION KIT


This kit allows for easy adjustment of the lower control arm to make camber and caster changes. Uses the OE bolts with the new cams and adjusting plates to give you lifetime camber and caster adjustments.

**Front** Adjustment range:  
Camber  $\pm 1.00^\circ$ /Caster  $\pm 1.50^\circ$

Required: 1 per wheel

#### APPLICATIONS

**Ford:** 2003 - 06 Expedition  
**Lincoln:** 2003 - 06 Navigator

 **83820 - Adj Wrench, pg 173**

## 86680



### REAR CAMBER EXPEDITION KIT

This rear camber kit replaces the bolt on the upper control arm near the wheel. The adjusting plate locks into existing holes in the rear knuckle assembly making this a very easy-to-use and time saving kit.

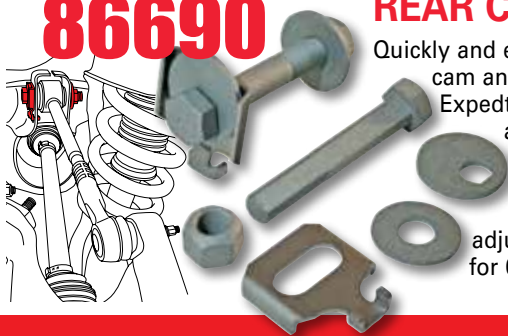
**Rear** Adjustment range:  
Camber  $\pm 1.00^\circ$

Required: 1 per wheel

#### APPLICATIONS

**Ford:** 2003 - 06 Expedition  
**Lincoln:** 2003 - 06 Navigator

## 86690



### REAR CAMBER KIT

Quickly and easily adjust rear camber with this cam and bracket kit for the Ford Expedition. Simplify the factory camber adjustment easily secure and dial in adjustment exactly where you need it. Need to add more camber adjustment? Consider our adjustable rear camber arm, #67275 for 09-17 models.

**Rear** Adjustment range:  
Camber  $\pm 1.50^\circ$

Required: 1 per wheel

#### APPLICATIONS

**Ford:** 2007 - 17 Expedition  
**Lincoln:** 2007 - 17 Navigator

## 87280



### FORD TRUCK RWD CASTER KIT (PR)

This part fits many Ford truck and vans with 20mm bolts. With this kit you can adjust caster up to  $\pm 2.0^\circ$ .

**Front** Adjustment range: Caster  $\pm 2.00^\circ$

Required: 1 per axle

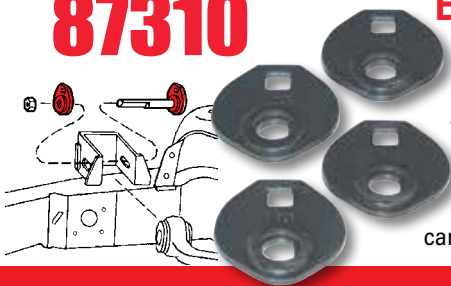
#### APPLICATIONS

**Ford RWD:** 1987 - 98 F250; 1987 - 98 F350  
1989 - 97 Ranger

**Mazda RWD:** 1994 - 97 'B' Series Pickup  
1991 - 94 Navajo



## 87310



### EXPLORER CAMBER/CASTER KIT (4)

This set of 4 cams allows for quick installation without having to remove the upper control arm bolt. Change camber and caster up to  $\pm 1.75^\circ$ .

**Front** Adjustment range:  
Camber  $\pm 1.75^\circ$ /Caster  $\pm 1.75^\circ$

Required: 1 per axle

#### APPLICATIONS

**Ford RWD/4WD:** 1995 - 01 Explorer  
2001 - 05 Explorer Sport Trac  
1998 - 00 Ranger

**Mercury RWD/4WD:** 1996 - 01 Mountaineer

## 87365



### ADJUSTABLE CAMBER BOLT



This kit allows additional camber changes up to  $\pm 1.5^\circ$  for a total of  $\pm 2.5^\circ$ , on the popular Ford Crown Victoria, Mercury Marquis, and the Lincoln Town Car. Sagging of the suspension on these heavy-weight vehicles is normal and routinely causes negative camber problems.

**Front** Adjustment range:  
Camber  $\pm 2.5^\circ$   
*( $\pm 1.5^\circ$  more than stock change)*

Required: 1 per wheel

#### APPLICATIONS

**Ford:** 2003 -12 Crown Victoria  
**Lincoln:** 2003 -11 Town Car  
**Mercury:** 2003 -11 Grand Marquis  
2003 - 04 Marauder

 **85130 - Rotary File, pg 173**  
 **02099 - Boot Clamp, pg 177**

**1-800-525-6505** Call for your nearest distributor, product info or Technical Assistance • In the USA and Canada

[www.specprod.com](http://www.specprod.com)

**Front** Adjustment range:  
Camber  $\pm 2.00^\circ$ /Caster  $\pm 2.00^\circ$   
Required: 1 per axle

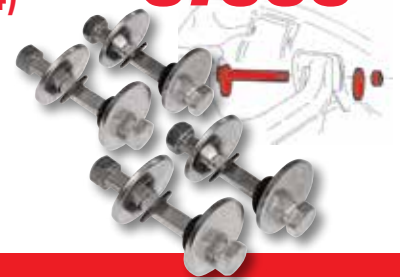
### APPLICATIONS

- Ford RWD/4WD:** 1997 - 02 Expedition  
1997 - 03 F150  
2004 - 05 F150 Heritage  
1997 - 99 250 (LD)
- Lincoln RWD/4WD:** 2002 - 03 Blackwood  
1998 - 02 Navigator

## F150/F250 (L/D) CAM/ CAS KIT (4)

# 87385

Use this kit to change caster and/or camber on these unadjustable vehicles. Simply replace the existing upper control arm mounting bolts with these cam bolts for caster/ camber changes up to  $2.0^\circ$ .



**Front** Adjustment range:  
Camber  $\pm 2.00^\circ$ /Caster  $\pm 2.00^\circ$   
Required: 1 per axle

### APPLICATIONS

- Cadillac/Chevrolet/GMC**
- AWD:** 1990 - 05 Astro/Safari Van
- 4WD:** 1988 - 00 1500, 2500, 3500  
(1999-00 Classic Only)
- RWD/4WD:** 1992 - 94 Blazer (full size)  
1999 - 00 Escalade; 1988 - 91 Jimmy (full size)  
1992 - 99 Suburban/Yukon; 1995 - 99 Tahoe
- RWD:** 1996 - 02 Express/Savana Van

## GM RWD/4WD CAM/ CAS KIT (4)

# 87400

These heavy duty cams replace the upper control arm mounting bolts. Remove the OE bolts and replace with cams, rotating to provide camber and/or caster adjustment. It may be necessary to remove OE slugs and elongate the bolt holes with **#74910** punch. **#83790** includes 2 cams to cover one side of the vehicle.

**74910 - Punch, pg 170**



**Rear** Adjustment range:  
Camber/Toe  $\pm 1.00^\circ$   
Required: 1 per wheel

### APPLICATIONS

- Chevrolet/GMC:**
- 2012 - 15 Captiva Sport  
2005 - 17 Equinox  
2005 - 17 Terrain
- Pontiac:** 2006 - 09 Torrent
- Saturn:** 2006 - 09 Vue
- Suzuki:** 2007 - 11 XL-7

## GM REAR TOE KIT

# 87420

Change Toe or Camber  $\pm 1^\circ$  on the rear of GM's Theta Platform vehicles with this cam nut. (Note: Most vehicles come with a cam nut on the 'camber link' and a standard, non-offset, nut on the 'toe link.' Changing toe will affect camber and vice versa.) If the camber cam nut is corroded or missing, use this cam nut in that position as well. You may need up to four (4) cam nuts per vehicle.



**Rear** Adjustment range:  
Camber  $\pm 1.00^\circ$  Toe  $\pm 2.00^\circ$   
Required: 1 per wheel

### APPLICATIONS

- Chevrolet:** 2010 - 15 Camaro  
2011 - 17 Caprice PPV  
2014 - 17 SS
- Pontiac:** 2008 - 09 G8

## CHEVY CAMARO/PONTIAC G8 ADJ. REAR CAM (PR)

# 87430

Double the range of rear camber and toe adjustment on the popular Camaro to increase handling performance and minimize tire wear. Remove and replace the OE cam bolts with our **#87430** kit for  $\pm 1.0^\circ$  camber change and  $\pm 2.0^\circ$  toe change. No slotting or grinding needed!



**Rear** Adjustment range:  
Toe  $\pm 2.00^\circ$   
Required: 1 per wheel

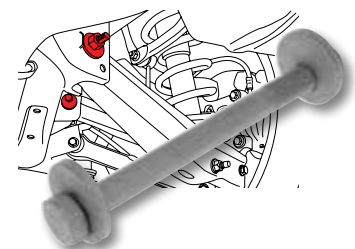
### APPLICATIONS

- Cadillac:** 2020 - 23 CT4,CT5  
2016 - 19 CTS  
2013 - 19 ATS
- Chevrolet:** 2016 - 24 Camaro

## CAMARO REAR TOE CAM

# 87440

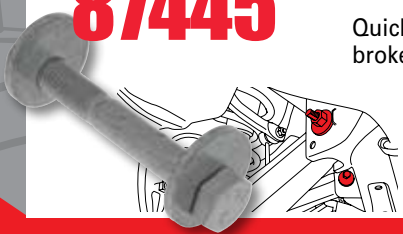
Quickly restore lost adjustment due to frozen or broken adjusters with this rear toe adjustment cam from SPC. This cam is designed to fit the Chevy Camaro as well as several Cadillac models and is sold per wheel. Order two kits to replace the toe adjusters on both sides of the vehicle.



## 87445

### CAMARO REAR CAMBER CAM

Quickly restore lost adjustment due to frozen or broken adjusters with this rear camber adjustment cam from SPC. This cam is designed to fit the Chevy Camaro as well as several Cadillac models and is sold per wheel. Order two kits to replace the camber adjusters on both sides of the vehicle.



**Rear** Adjustment range:  
Camber  $\pm 1.00^\circ$

Required: 1 per wheel

#### APPLICATIONS

**Cadillac:** 2020 - 22 CT4, CT5  
2014 - 19 ATS/CTS  
**Chevrolet:** 2016 - 23 Camaro

## 87500

### FORD EXPLORER CAMBER/CASTER KIT (4)

Drive up to  $\pm 2^\circ$  camber and caster change on the front of the Ranger, Explorer, Mountaineer, and B-Series Pickup by replacing the stock bolt and locking plate with this cam bolt kit from SPC. The 3/8" drive receiver on the cam allows for easy access from either side of upper control arm to make your changes. This kit includes 4 bolts, enough to do both sides. Need additional camber for your 2003 - 11 Ranger 4WD? Check out the #26014, 1° camber shim to get change beyond what the #87500 provides.



**Front** Adjustment range:  
Camber  $\pm 2.00^\circ$ /Caster  $\pm 2.00^\circ$

Required: 1 per axle

#### APPLICATIONS

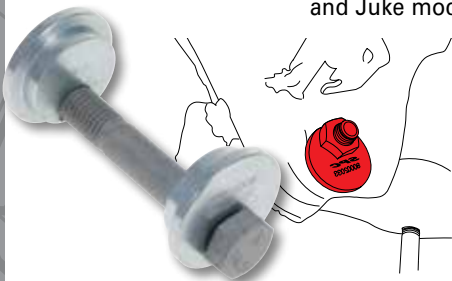
**Ford RWD/4WD:**  
1995 - 01 Explorer  
2001 - 05 Explorer Sport Trac  
1998 - 11 Ranger  
**Mazda RWD/4WD:**  
1998 - 12 B-Series Pickup  
**Mercury RWD/4WD:**  
1996 - 01 Mountaineer



## 87505

### REAR CAMBER ADJ BOLT

Quickly restore lost adjustment on Nissan Rogue and Juke models with this OE replacement rear camber bolt kit from SPC. Sold per wheel, order 2 kits to service both sides of the vehicle.



**Rear** Adjustment range:  
Camber  $-1.6^\circ$  to  $0^\circ$

Required: 1 per wheel

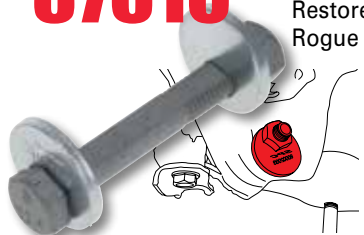
#### APPLICATIONS

**Infiniti:** 2011 - 13 M37, M56  
2014 - 24 Q50  
2017 - 22 Q60  
2014 - 19 Q70  
**Nissan:** 2011 - 17 Juke  
2008 - 20 Rogue  
2014 - 15 Rogue Select  
2014 - 15 Rogue Sport

## 87510

### TOE CAM BOLT

Restore lost adjustment on Nissan Rogue and Rogue Sport models with this OE replacement rear camber bolt kit from SPC. Need more adjustment? Consider **SPC Rotary File PN 85130** to extend the OE slot and allow extended adjustment range. Sold per wheel, order 2 kits to service both sides of the vehicle.



**Rear** Adjustment range:  
Camber  $-1.6^\circ$  to  $0^\circ$

Required: 1 per wheel

#### APPLICATIONS

**Nissan:** 2014 - 20 Rogue  
2014 - 22 Rogue Sport

## 87515

### NISSAN CAMBER/CASTER KIT (PR)

These cams are designed to install in the upper or lower control arms for camber and caster adjustment. They replace the original non-adjustable lower control arm bolts.



**Front** Adjustment range:  
Camber  $\pm 2.00^\circ$ /Caster  $\pm 2.00^\circ$

Required: 1 per wheel

#### 87515 APPLICATIONS

**Nissan RWD/4WD:** 1998 - 04 Frontier

#### 87520 APPLICATIONS

**Infiniti RWD/4WD:** 2004 - 13 QX56; 2014 - 22 QX80  
**Nissan RWD/4WD:** 2004 - 22 Armada, Titan  
2005 - 22 Frontier; 2005 - 15 Xterra; 2005 - 12 Pathfinder  
**Suzuki RWD/4WD:** 2009 - 12 Equator



Front Adj. range: Camber/Caster  $\pm 2.00^\circ$

Required: 1 per wheel

### 87525 APPLICATIONS

**Nissan:** 2016-2022 Nissan Titan XD  
2012-2022 Nissan NV1500,  
NV2500, NV3500

## NISSAN FRONT CAM/CAS KIT

# 87525

Many times factory adjusters can become corroded and freeze in place. Use this replacement cam kit to restore the factory adjustment for front camber and caster change. Sold per wheel. Order two kits to service both sides of the vehicle.



Front Adj. range: Camber  $\pm 1.00^\circ$ /Caster  $\pm 2.00^\circ$

Required: 1 per axle

### 87540 APPLICATIONS

**Ford:** 2002 - 06 Thunderbird

### 87545 APPLICATIONS

**Jaguar:** 2000 - 02 S-Type

**Lincoln:** 2000 - 06 LS

Replacement rear lower control arm joint kits are available for these vehicles - see page 155

## T-BIRD/LS FRONT CAM/CAS KIT (4)

# 87540 87545

These kits install in the lower control arms and provides easy and precise adjustment for caster and camber without any further modifications.



Front Adjustment range: Cam/Cas  $\pm 1.00^\circ$

Required: 1 per wheel

### MONOBEAM - DANA 60 APPS

**Chevrolet/GMC:** 1988 - 93 K30, V30, V3500

**Dodge:** 1972 - 83 W200/250  
1975 - 93 W300/350

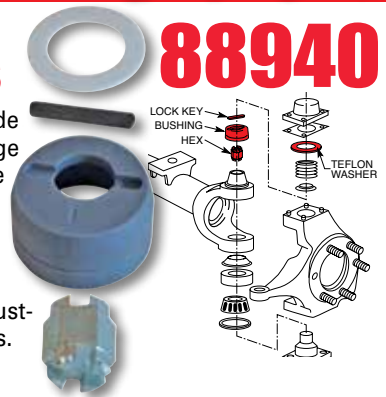
**Ford:** 1974 - 79 F250  
1974 - 91 F350

**International:** 1960 - 71 Pickup (1300)

## DANA 60 AXLE CAM/CAS KITS

# 88940

These exclusive kits provide a camber and caster change for Dana 60 Axles. Replace the OE bushing with the correct eccentric bushing, rotate to adjust caster/camber and lock in place. These kits provide full adjustment for future alignments.

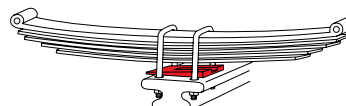


For more shims check out our complete Heavy Duty Truck Section on pages 140-147.

For additional shim widths see page 147

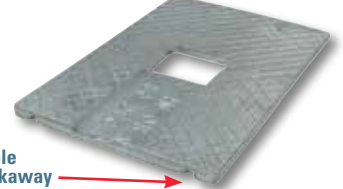
## UNI-WEDGE SHIMS (HD ZINC ALLOY)

Twice the coverage - half the inventory. Changes caster positive or negative from  $1/2^\circ$  to  $4^\circ$ . **APPS:** Any solid axle RWD or 4WD vehicle.



No.	Width	Degree Taper	Qty	No.	Width	Degree Taper	Qty
89199	3"- 3-1/2" - 4"	1/2°	6	89599	3"- 3-1/2" - 4"	2-1/2°	6
89299	3"- 3-1/2" - 4"	1°	6	89699	3"- 3-1/2" - 4"	3°	6
89399	3"- 3-1/2" - 4"	1-1/2°	6	89799	3"- 3-1/2" - 4"	3-1/2°	6
89499	3"- 3-1/2" - 4"	2°	6	89899	3"- 3-1/2" - 4"	4°	6

# 89199 - 89899



Double Breakaway

Front Adjustment range: Camber  $0^\circ$  to  $+1.25^\circ$

Required: 1 per axle

### 89635 APPLICATIONS

**Ford:** 1996 - 07 Taurus Sedan  
1996 - 05 Taurus Wagon

**Mercury:** 1996 - 06 Sable Sedan; 1996 - 05 Sable Wagon

### 89685 APPLICATIONS

**Ford:** 2004 - 07 Freestar; 1994 - 03 Windstar

**Mercury:** 2004 - 07 Monterey



## FORD CAMBER KIT (PR)

# 89635 89685

This kit provides front camber adjustment on many popular Ford vehicles. Camber adjustment of up to  $1.25^\circ$ . These plates are sold in pairs, one for each side of the vehicle.



# Parts

## 94213

### MUSTANG ADJUSTABLE ARM - (67)

Modernize your early Ford and Mercury front suspension by installing adjustable upper control arms from SPC. These arms have built in 3° of caster to improve return to center with today's radial tires. The camber curve has been optimized by utilizing 'Shelby Drop' geometry in the billet aluminum cross shaft. The arm pivots are our maintenance-free **xAxis™**

**Sealed Flex Joints** for tight, responsive handling. Camber can be set to -1°, 0°, or -2° for superior cornering. Use this arm with either an OE style spring/shock or an aftermarket coilover kit. SPC's arm comes equipped with a stock style ball joint and all of the mounting hardware.



**Front Adjustment range - fixed:**  
Camber -1.0°, 0°, +1.0°  
Caster (built in) +3.0°

Required: 1 per axle



#### APPLICATIONS

- Ford:** 1967 - 67 Mustang  
1966 - 69 Fairlane  
1966 - 69 Falcon  
1970 - 77 Maverick  
1966 - 71 Ranchero  
1966 - 71 Torino
- Mercury:** 1966 - 77 Comet  
1967 - 73 Cougar  
1966 - 71 Cyclone

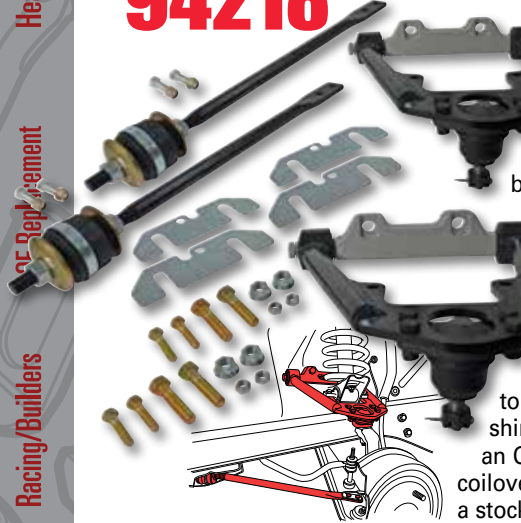


Replacement Ball Joint  
Available #94009 pg. 141

## 94218

### MUSTANG ADJ. ARM AND CASTER ROD - (64-66)

Modernize your '64.5 to '66 Ford front suspension by installing an adjustable upper control arm and adjustable strut rod from SPC. These arms have built 3° of caster into the upper arm to improve return to center with today's radial tires. The adjustable strut rod features low durometer OE-style bushings to protect the chassis mount and allows for easy caster adjustment, similar to later Ford vehicles. The camber curve on the adjustable arm has been optimized by building 'Shelby Drop' geometry into the billet aluminum cross shaft. Camber can be adjusted by positioning the ball joint plate to 0°, -1°, or -2° and kit includes .25° and .50° shims for fine-tuning. Use this arm with either an OE style spring/shock or an aftermarket coilover kit. SPC's arm comes equipped with a stock style ball joint and all of the mounting hardware.



**Front Adjustment range:**  
Camber -1.0° to +1.75°\*  
Caster +1.00° to +5.00°\*

Required: 1 per axle



#### APPLICATIONS

- Ford:** 1964.5 - 66 Mustang  
1964 - 65 Falcon  
1964 - 65 Ranchero
- Mercury:** 1964 - 65 Comet  
1964 - 65 Cyclone

\*When combined with  
factory adjustment

Replacement Ball  
Joint Available #94009  
- pg. 141



## 94219

### MUSTANG ADJ. ARM AND CASTER ROD - (68-73)

Modernize your early Ford and Mercury front suspension by installing these adjustable upper control arms and adjustable strut rods from SPC. SPC has built +3° of caster into the upper arm to improve return to center with today's radial tires. The adjustable strut rod features low durometer OE-style bushings to protect the chassis mount and allows for easy caster adjustment, similar to later Ford vehicles. The camber curve has been optimized by building Shelby Drop geometry into the billet aluminum cross shaft. Camber can be adjusted by positioning the ball joint plate to 0°, -1°, or -2° and fine-tuning using the factory adjuster. Use these arms with either an OE style spring/shock or an aftermarket coilover kit. SPC's arms come equipped with stock style ball joints and all of the mounting hardware.

**Front Adjustment range:**  
Camber -1.0° to +1.75°\*  
Caster +1.00° to +5.00°\*

Required: 1 per axle



#### APPLICATIONS

- Ford:** 1968 - 69 Fairlane  
1968 - 70 Falcon  
1968 - 73 Mustang  
1968 - 71 Torino
- Mercury:** 1968 - 69 Comet  
1968 - 73 Cougar  
1968 - 71 Cyclone

\*When combined with factory adjustment

Replacement Ball Joint Available  
#94009 - pg. 141

Applications

Alignment Parts

Heavy Duty

OE Replacement

Racing/Builders

Tools

Brake and CV

General

## MUSTANG ADJUSTABLE CASTER ROD - (64-66)

# 94220

If you are running modern radial tires you should not follow factory alignment specifications for caster, SPC recommends 3° of caster to promote return to center steering.

**Front Adjustment range:**  
Caster  $\pm 2.00^\circ$   
Installation time: .5 hr/side  
Required: 1 per wheel

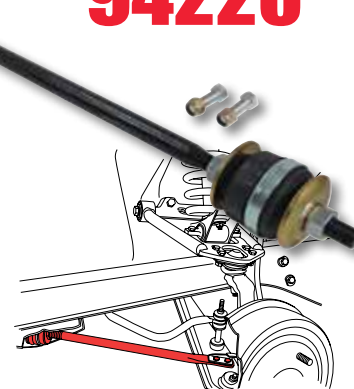
### APPLICATIONS

**Ford:** 1964.5 - 66 Mustang  
1964 - 65 Falcon  
1964 - 65 Ranchero

**Mercury:**  
1964 - 65 Comet  
1964 - 65 Cyclone



Stock strut rods on 1st generation Mustangs are non-adjustable and often have worn bushings that can cause unwanted movement of the lower rod assembly and poor handling. A must for early Mustangs, SPC's adjustable caster rod features high durometer OE-style bushings to protect the chassis mount from damage and has easy caster adjustment. This adjustable strut rod will provide the positive caster needed for improved tracking and modern geometry. If you want additional caster or want to adjust camber, check out SPC control arm kit #94218.



## MUSTANG ADJUSTABLE CASTER ROD - (68-73)

# 94230

If you are running modern radial tires you should not follow factory alignment specifications for caster. SPC recommends 3° of caster to promote return to center steering.

**Front Adjustment range:**  
Caster  $\pm 2.00^\circ$   
Installation time: .5 hr/side  
Required: 1 per wheel

### APPLICATIONS

**Ford:** 1968 - 69 Fairlane  
1968 - 70 Falcon  
1968 - 73 Mustang  
1968 - 71 Torino

**Mercury:**  
1968 - 69 Comet  
1968 - 73 Cougar  
1968 - 71 Cyclone



Stock strut rods on late 1st generation Mustangs ('68-'73) are non-adjustable and often have worn bushings that can cause unwanted movement of the lower rod assembly and poor handling. A must for early Mustangs, SPC's adjustable caster rods features high durometer OE-style bushings to protect the chassis mount from damage and has easy caster adjustment. These adjustable strut rods will provide the positive caster needed for improved tracking and modern geometry. If you want additional caster or want to adjust camber, check out SPC control arm kit #94219.



### APPLICATIONS

'A' Bodies &  
1st Gen. 'F' Bodies

**94348** 2 Spacers  
**94346** 4 Spacers

2nd Gen. 'F' Bodies, 'B' Bodies & 'G' Bodies

**95338** 2 Spacers  
**95332** 4 Spacers

## COILOVER MOUNT/SPACER PLATES

These Flat Coil Spring Mount/Spacer Plates are designed to maximize your ride height options. Use these plates as coilover mounts to augment coil stability on SPC's tubular lower arms. If you need to fine-tune your ride height these plates can also be stacked to change height. Use one spacer per side to add 1/2" or add two spacers per side to gain about 1" in ride height.



# 94346 94348

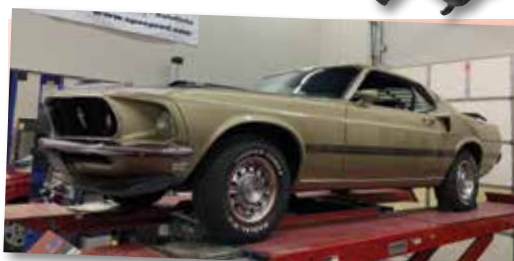
# 95332 95338

# 95339



## GM REPLACEMENT BUMP STOP

OE cone style to replace worn bump stops on many GM models.



## Featured Owner: David Cox

David Cox restores classic Mustangs and provided our test platform for our #94213 & #94218 adjustable front arm and caster rod. Dave's feedback on the new set-up was great, "The handling on these older cars is really lacking, but SPC's arms improved tracking, added additional adjustability and are well built."

# Parts

## GM Muscle Car Tubular Lower Arms

Coilover Mounts augment coil stability on all of SPC's tubular lower arms - see next page

### 94344 GM 'A' BODY



These arms lower your front end by 1" and add 1° positive caster for a ready-to-run, aggressive stance. Optional Ride Height Tuning Kits are available for use with our Pro Series Springs or 'standard type' springs to raise the ride height if desired. If you have coilovers use our Coilover Mount and Spacer Plate. Check out the optional OE style bump stop (#95339 next page).

**Sold as pairs.**



### 94344 GM 'A' BODY

**Front Fixed Change:** Caster +1.00°

Required: 1 per axle

Pro Springs #94391/94392 (pg. 136)

Coilover Mount/Spacer Kit #94346/94348 (pg. 136)

#### APPLICATIONS

**Buick:** 1964 - 72 GS, Skylark, Special  
**Chevrolet:** 1964 - 72 Chevelle, El Camino, Malibu  
1970 - 72 Monte Carlo  
**Oldsmobile:** 1964 - 72 442, Cutlass  
**Pontiac:** 1964 - 72 GTO, LeMans  
1964 - 70 Tempest



94016 - Premium Upgrade Extended Length Ball Joint - see page 155



### 94374 GM 1ST GEN. 'F'



These tubular arms are a perfect fit for 1st Gen 'F' Bodies and will lower your front end by 1" as well as add 1° positive caster for an aggressive, ready-to-run stance. Ride Height spacer and Coilover Mounts are available. To complete your arm add an OE style bump stop (#95339 next page).

**Sold as pairs.**

### 94374 GM 1ST GEN 'F' BODY

**Front Fixed Change:** Caster +1.00°

Required: 1 per axle

Pro Springs #94393 (pg. 136)

Coilover Mount/Spacer Kit #94346/94348 (pg. 136)

#### APPLICATIONS

**Buick:** 1973 - 74 Apollo  
**Chevrolet:** 1967 - 69 Camaro  
1968 - 74 Nova  
**Pontiac:** 1967 - 69 Firebird



### 94378 GM 2ND GEN. 'F', AND 'B'



Our 2nd Gen 'F' lower arms feature a rugged formed plate body. To achieve an aggressive, ready-to-run stance, these arms will add 2.5° positive caster and may be configured for stock or lowered height. Ride Height spacer and Coilover Mounts are available.

**Note: Shown with an optional OE style bump stop (#95339 next page). Sold as pairs.**

### 94374 GM 2ND GEN 'F' BODY

**Front Fixed Change:** Caster +2.50°

Required: 1 per axle

Pro Springs #94394 (pg. 136)

Coilover Mount/Spacer Kit #95332/95338 (pg. 136)

#### APPLICATIONS

**Buick:** 1971 - 85 LeSabre;  
1973 - 77 Century, Regal; 1975 - 79 Skylark  
**Chevrolet:** 1970 - 81 Camaro; 1971 - 96 Caprice  
1973 - 77 Chevelle; 1973 - 77 El Camino, Malibu,  
Monte Carlo; 1971 - 96 Impala; 1975 - 79 Nova  
**Oldsmobile:** 1973 - 77 Cutlass; 1975 - 79 Omega  
1971 - 85 88  
**Pontiac:** 1971 - 81 Bonneville; 1970 - 81 Firebird  
1973 - 75 Grand Am; 1973 - 77 Grand Prix, LeMans



### 95336 GM 'G' BODY

Improve your handling and tracking with these new tubular arms and lower your front end by 1" and add 1° positive caster for an aggressive, ready-to-run stance. Optional Coilover Mount/Spacer Kits are available for use with our Pro Series Springs or 'standard type' springs to raise the ride height if desired (#95332/ 95338). To complete your arm you can also add an OE style bump stop (#95339 next page). **Sold as pairs.**



### 95336 GM 'G' BODY

**Front Fixed Change:** Caster +1.00°

Required: 1 per axle

Pro Springs #94390 (pg. 136)

Coilover Mount/Spacer Kit #95332/95338 (pg. 136)

#### APPLICATIONS

**Buick:** 1978 - 87 Grand National, Regal  
**Chevrolet:** 1978 - 88 El Camino; 1978 - 83 Malibu  
1978 - 88 Monte Carlo  
1982 - 04 Blazer S Series, Jimmy S Series,  
S10/S15 Pickup/Sonoma (RWD)  
**Oldsmobile:** 1978 - 88 Cutlass  
**Pontiac:** 1982 - 86 Bonneville; 1978 - 80 Grand Am  
1978 - 87 Grand Prix; 1978 - 81 LeMans



94018 - Premium Upgrade Extended Length Ball Joint - see page 155



Applications

Alignment Parts

Heavy Duty

OE Replacement

Racing/Builders

Tools

Brake and CV

Gear/Index

# Parts

## GM Muscle Car Adjustable Upper Control Arms

This patented design will give you the most adjustability and best clearance of any arm on the market. Sold as a pair, these adjustable arms come with ball studs that are 1/2" taller than stock to improve camber curve. Throw in some caster and the ability to tune camber and you will have a 'modern' feeling suspension. The ball joints are grease-able and rebuildable. Additionally, OE length and 1/4" extended studs are available to tune your ride or maximize your specific suspension geometry. Consider combining these with SPC's lower control arms (page 135) and 1" lowering springs (page 136) to complete the transformation of your Pro Touring, Track Ready, or daily driving street use American Muscle. **Sold as pairs.**

**Front Adj. range:** Camber  $\pm 3.00^\circ$  Caster  $\pm 3.00^\circ$

Required: 1 per axle

### APPLICATIONS

**Buick:** 1964 - 72 GS, Skylark, Special  
**Chevrolet:** 1964 - 72 Chevelle, El Camino, Malibu  
 1970 - 72 Monte Carlo  
**Oldsmobile:** 1964 - 72 442, Cutlass  
**Pontiac:** 1964 - 72 GTO, LeMans; 1964 - 70 Tempest



US Patent No. 9,751,370

Lower Arms page 135, Pro Springs page 136

**'A' BODY**  
 Pair **97110**

Greaseable  
 Performance  
 Bushings Avail.  
 #92025 pg 157

Stud Taper 7.12°

**Front Adj. range:** Camber  $\pm 3.00^\circ$  Caster  $\pm 3.00^\circ$

Required: 1 per axle

### APPLICATIONS

**Buick:** 1973 - 74 Apollo  
**Chevrolet:** 1967 - 69 Camaro; 1968 - 74 Nova  
**Pontiac:** 1967 - 69 Firebird



US Patent No. 9,751,370

Lower Arms page 135, Pro Springs page 136

**1ST GEN.  
'F' BODY**  
 Pair **97120**

Greaseable  
 Performance  
 Bushings Avail.  
 #92025 pg 157

Stud Taper 7.12°

**Front Adj. range:** Camber  $\pm 3.00^\circ$  Caster  $\pm 3.00^\circ$

Required: 1 per axle

### APPLICATIONS

**Buick:** 1971 - 85 LeSabre; 1973 - 77 Century, Regal  
 1975 - 79 Skylark  
**Chevrolet:** 1970 - 81 Camaro; 1973 - 96 Caprice  
 1973 - 77 Chevelle; 1973 - 77 El Camino, Malibu,  
 Monte Carlo; 1973 - 96 Impala; 1975 - 79 Nova  
**Oldsmobile:** 1973 - 77 Cutlass; 1975 - 79 Omega,  
 1971 - 85 88  
**Pontiac:** 1971 - 76 Bonneville; 1970 - 81 Firebird  
 1973 - 75 Grand Am; 1973 - 77 Grand Prix, LeMans



US Patent No. 9,751,370

Lower Arms page 135, Pro Springs page 136

**2ND GEN.  
'F' BODY  
'B' BODY**  
 Pair **97130**

Greaseable  
 Performance  
 Bushings Avail.  
 #92025 pg 157

Stud Taper 9.5°

**Front Adj. range:** Camber  $\pm 3.00^\circ$  Caster  $\pm 3.00^\circ$

Required: 1 per axle

### APPLICATIONS

**Buick:** 1978 - 87 Grand National, Regal  
**Chevrolet:** 1978 - 88 El Camino; 1978 - 83 Malibu  
 1978 - 88 Monte Carlo  
 1982 - 04 Blazer S Series, Jimmy S Series,  
 S10/S15 Pickup/Sonoma (RWD)  
**Oldsmobile:** 1978 - 88 Cutlass  
**Pontiac:** 1982 - 86 Bonneville; 1978 - 80 Grand Am  
 1978 - 87 Grand Prix; 1978 - 81 LeMans



US Patent No. 9,751,370

Lower Arms page 135, Pro Springs page 136

**'G' BODY**  
 Pair **97140**

Greaseable  
 Performance  
 Bushings Avail.  
 #92025 pg 157

Stud Taper 9.5°

## Ball Joint Rebuild Kits

With SPC's rebuild kit you can replace the ball joint or customize the stud length for ride height altered vehicles. Includes: ball joint boot, ball stud, ball joint race, washer, wave spring, castle nut, cotter pin.

Ball Joint #	Taper	Stud Length	Fits Part #	Ball Joint #	Taper	Stud Length	Fits Part #
97001	7.12°	OE length	97110, 97120 97150, 97170	97004	9.5°	OE length	97130, 97140
97002	7.12°	+0.25" stud		97005	9.5°	+0.25" stud	
97003	7.12°	+0.50" stud	97260, 97300	97006	9.5°	+0.50" stud	97180 97183
97007	7.12°	+0.25" stud		97008	9.5°	+0.25" stud	
				97009	9.5°	+0.50" stud	



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Applications

Alignment Parts

Heavy Duty

OE Replacement

Racing/Builders

Tools

Brake and CV

Gear/Index

Bring modern handling and adjustability to your classic GM Muscle Car. By replacing your front upper and lower control arms and adding high performance springs you can once again enjoy driving your muscle car.

## ADJUSTABLE UPPER CONTROL ARMS

This patented design will give you the most adjustability and best clearance of any arm on the market. Sold as a pair, these adjustable arms come with ball studs that are 1/2" taller than stock to improve camber curve. Throw in some caster and the ability to tune camber and you will have a 'modern' feeling suspension. The ball joints are grease-able and rebuildable. *Sold as pairs see previous page.*

## TUBULAR LOWER ARMS

These arms lower your front end by 1" and add 1° positive caster for a ready-to-run, aggressive stance. Optional Ride Height Tuning Kits are available for use with our Pro Springs or 'standard type' springs to raise the ride height if desired. If you have coilovers use our Coilover Mount and Spacer Plate. Includes stock lower ball joint. *Sold as pairs see pages 139.*

### 'A' BODY

**Buick:** GS, Skylark Special  
**Chevrolet:** Chevelle, El Camino, Malibu, Monte Carlo  
**Oldsmobile:** 442, Cutlass  
**Pontiac:** GTO, LeMans, Tempest

### 97110 Pair



### 94344 Pair



*Coilover Mount/ Spacer Kit #94346/94348*

*Premium Upgrade Extended Length Ball Joint #94016*

### 1ST GEN. 'F' BODY

**Buick:** Apollo  
**Chevrolet:** Camaro, Nova  
**Pontiac:** Firebird

### 97120 Pair



### 94374 Pair



*Coilover Mount/Spacer Kit #94346/94348*

### 2ND GEN. 'F' BODY

**Buick:** Century, LeSabre, Regal, Skylark  
**Chevrolet:** Camaro, Caprice, Chevelle, El Camino, Impala, Malibu, Monte Carlo, Nova  
**Oldsmobile:** C88, Cutlass, Omega  
**Pontiac:** Bonneville, Firebird, Grand Am, Grand Prix, LeMans

### 97130 Pair



### 94378 Pair



*Coilover Mount/ Spacer Kit #95338/95332*

### 'G' BODY

**Buick:** Grand National, Regal  
**Chevrolet:** Blazer & Jimmy S, El Camino, Malibu, Monte Carlo, Pickup/Sonoma, S10/S15 (RWD)  
**Oldsmobile:** Cutlass  
**Pontiac:** Bonneville, Grand Am, Grand Prix, LeMans

### 97140 Pair



### 95336 Pair



*Coilover Mount/Spacer Kit #95338/95332*

*Premium Upgrade Extended Length Ball Joint #94018*

**Front** Adjustment range:  
Camber  $\pm 3.00^\circ$  Caster  $\pm 3.00^\circ$   
Required: 1 per axle

### 97150 APPLICATIONS

Taper 7.12°

**Chevrolet:** 1958 - 64 Bel Air, Biscayne, Caprice, Impala  
1959 - 60 El Camino

### 97160 APPLICATIONS

Taper 7.12°

**Chevrolet:** 1963 - 82 Corvette C2/C3  
1965 - 70 Impala

### 97170 APPLICATIONS

Taper 7.12°

**Chevrolet:** 1955 - 57 Tri-5 (shown in photo)

### 97180 APPLICATIONS

Taper 9.5°

**Chevrolet:** 1971 - 87 C10 Pickups  
1973 - 91 Blazer; 1973 - 91 Suburban

### 97183 APPLICATIONS

Taper 7.12°

**Chevrolet:** 1963 - 70 C10 Pickups

### 97190 APPLICATIONS

Taper 9.5°

**Chevrolet:** 1984 - 96 Corvette C4

To replace or customize your ball joint see pg 141

## GM ADJUSTABLE UPPER CONTROL ARMS (PR)

Use this patented design with the most adjustability and best clearance of any arm on the market to modernize the front suspension on your classic Chevy. In some applications, SPC uses a 1/2" extended ball stud to improve camber curve, now adjust in some caster and a bit of camber and enjoy the drive. The fully rebuildable and greasable ball joints can also be customized for your ride with available OE length and 1/4" extended studs in some applications.

**Sold as pairs.**



US Patent No. 9,751,370

Greaseable Performance Bushings Avail. #92025 pg 154

**Front** Adjustment range:  
Camber  $\pm 3.00^\circ$  Caster  $\pm 3.00^\circ$   
Required: 1 per axle

### APPLICATIONS

**Ford:** 1974 - 78 Mustang II

**NOTE: For Coil Over Conversions ONLY**

Stud Taper 7.12°  
To replace or customize your ball joint see page 141

Greaseable Performance Bushings Available #92025 pg 154

US Patent No. 9,751,370

## MUSTANG II ADJUSTABLE UPPER CONTROL ARMS - COIL OVER CONVERSIONS

Modernize the front suspension on your Mustang II custom build. SPC uses a 1/2" extended ball stud to improve camber curve, now adjust in some caster and a bit of camber and enjoy the drive. The fully rebuildable and greasable ball joints can also be customized for your ride with available OE length and 1/4" extended studs. **Sold as pairs.**



# 97260

**Front** Adjustment range:  
Camber  $\pm 3.00^\circ$  Caster  $\pm 3.00^\circ$   
Required: 1 per axle

### 'B' & 'E' APPLICATIONS

**Dodge:** 1962 - 65 All Passenger (except 880)  
1970 - 74 Challenger  
1966 - 72 Charger  
1965 - 72 Coronet (Incl. Super Bee)

**Plymouth:** 1962 - 64 All Passenger  
1970 - 74 Barracuda  
1965 - 70 Belvedere  
1967 - 71 GTX  
1968 - 72 Road Runner  
1965 - 72 Satellite

### 'A' APPLICATIONS

**Dodge:** 1973 - 76 Dart

**Plymouth:** 1973 - 75 Valiant

## MOPAR 'A', 'B', & 'E' BODY ADJUSTABLE CONTROL ARMS (PR)

Use this patented design with the most adjustability and best clearance of any arm on the market to modernize the front suspension on your classic Mopar. SPC uses a 1/2" extended ball stud to improve camber curve, now adjust in some caster and a bit of camber and enjoy the drive. The fully rebuildable and greasable ball joints can also be customized for your ride with available OE length and 1/4" extended studs.

**Sold as pairs.**



US Patent No. 9,751,370

Greaseable Performance Bushings Available #92025 pg 154

Stud Taper 7.12° - To replace or customize your ball joint see page 141



## 36000 Tandem Alignment Set

### A great starter set!

These alignment angle shims are available in a heavy-duty metal box to help you organize all of your shims. Packaged with a large variety of shims (listed below and on pages 144 and 146) and an organization chart inside the lid to make reordering and organization of shims quick and easy. Don't be caught without the shim you need while you have the tractor in your shop!

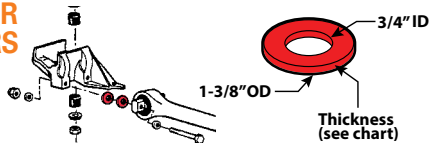


Part No.	Application	Qty	Part No.	Application	Qty
35001	Kenworth Airglide space 1/32"	6	35040	Navistar IHC Torque Arm 1/32"	6
35002	Kenworth Airglide space 1/16"	6	35041	Navistar IHC Torque Arm 1/16"	6
35003	Kenworth Airglide space 1/8"	6	35042	Navistar IHC Torque Arm 1/8"	6
35004	Kenworth Airglide space 1/4"	6	35060	Freightliner Airliner Susp 1/32"	6
35005	Kenworth Airglide space 1/2"	6	35061	Freightliner Airliner Susp 1/16"	6
35006	Kenworth Airglide space 3/4"	6	35062	Freightliner Airliner Susp 1/8"	6
35007	Kenworth Airglide space 1"	6	36020	Navistar Corp. 6x4 Air Susp. 1/32"	6
35010	Peterbilt Air Leaf Shim 1/32"	6	36021	Navistar Corp. 6x4 Air Susp. 1/16"	6
35011	Peterbilt Air Leaf Shim 1/16"	6	36022	Navistar Corp. 6x4 Air Susp. 1/8"	6
35012	Peterbilt Air Leaf Shim 1/8"	6	36087	Hendrickson Rear Tandem Walking Beam	10

## Tandem Truck Shims

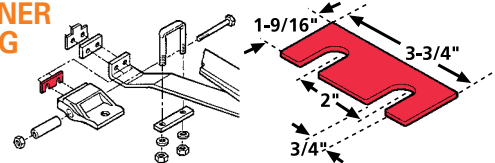
These over-the-road heavy duty adjusters are a fast and accurate means to align front or rear axles of most popular tandem trailers and trucks. You, the alignment technician, now have reliable means to complete total heavy duty truck alignments.

### KENWORTH AIR GLIDE SPACERS FOR "EIGHT BAGGERS"



Part No.	Thickness	Qty	Part No.	Thickness	Qty
35001	1/32"	6	35005	1/2"	6
35002	1/16"	6	35006	3/4"	6
35003	1/8"	6	35007	1"	6
35004	1/4"	6			

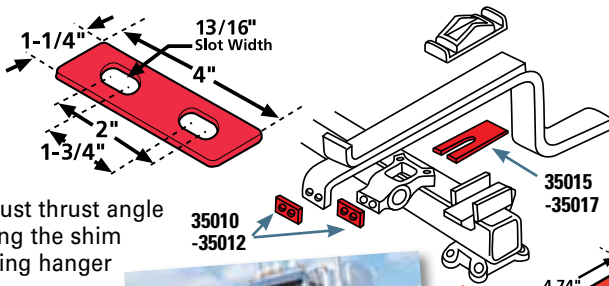
### FREIGHTLINER ADJUSTING SHIM



These shims adjust thrust angle and toe by placing it between the spring hanger and the spring.

Part No.	Thickness	Qty
35020	1/32"	6
35021	1/16"	6
35022	1/8"	6

### PETERBILT AIR LEAF THRUST ANGLE SHIM

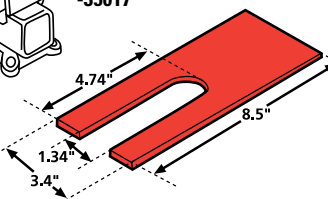


These shims adjust thrust angle and toe by placing the shim between the spring hanger and the spring.

Part No.	Thickness	Qty
35010	1/32"	6
35011	1/16"	6
35012	1/8"	6

### PETERBILT AIR LEAF PINION ANGLE SHIM

Adjust pinion angle on the drive axle of your Peterbilt Low Air Leaf with 'Z-Springs' using these shims. The OE shim is aluminum and does not last under load; the SPC Zinc Shim is built to last.

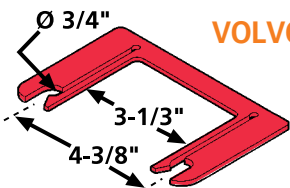


Part No.	Angle Change	Qty
35015	1.0°	2
35016	1.5°	2
35017	2.0°	2



We have parts and tools for Fleet Vehicles - check out our application charts starting on page 7.

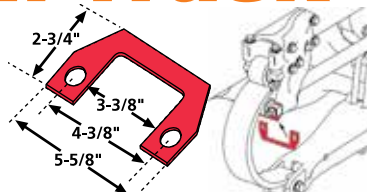
# Heavy Duty Tandem Truck Shims



## VOLVO/WHITE TANDEM SHIM

Part No.	Thickness	Qty
35030	1/32"	6
35031	1/16"	6
35032	1/8"	6

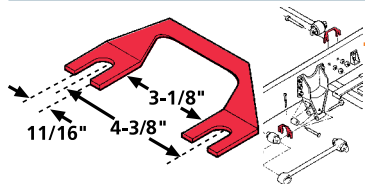
These shims adjust thrust angle and toe by placing it between the spring hanger and the spring.



## PETERBILT/ KENWORTH FLEX AIR SUSPENSION SHIMS

Part No.	Thickness	Qty
36010	1/32"	6
36011	1/16"	6
36012	1/8"	6

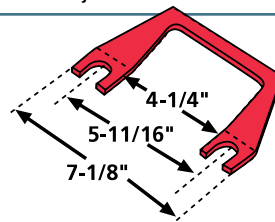
By shimming the torque arms these shims adjust toe and thrust angle.



## I.H.C./NAVISTAR TORQUE ARM SHIM

Part No.	Thickness	Qty
35040	1/32"	6
35041	1/16"	6
35042	1/8"	6

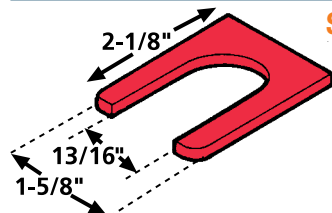
Will change thrust and toe when installed between the torque arm and the spring hanger. On Navistar they will also center the axle with the frame rails when used on the lateral link.



## NAVISTAR SHIM FOR "CORPORATE" 6x4 AIR SUSPENSION

Part No.	Thickness	Qty
36020	1/32"	6
36021	1/16"	6
36022	1/8"	6

When used on the lateral link these shims will center the axle with the frame rails. Also will adjust thrust angle and toe by placing the shim between the spring hanger and the spring.



## SINGLE SLOT TANDEM TEMSA TRUCK SHIMS

USE ON TEMSA BUS  
UPPER CONTROL ARM  
FOR CAMBER/CASTER

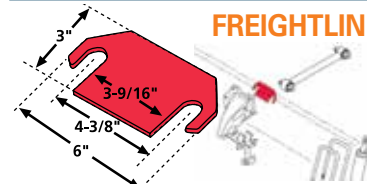
Part No.	Thickness	Qty
35060	1/32"	6
35061	1/16"	6
35062	1/8"	6

USE FOR FREIGHTLINER  
"AIRLINER" K77936 SUSPENSION

NOW  
AVAILABLE IN  
100 PACKS!

Part No.	Thickness	Qty
35063	1/32"	100
35064	1/16"	100
35065	1/8"	100

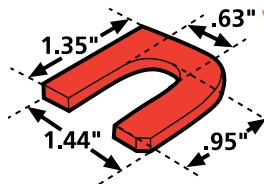
These universal shims are installed at the ends of torque rods to change toe and/or thrust angles on **Freightliner**, **Hendrickson** and **Navistar** heavy duty tandem trucks and trailers. Also adjusts camber and/or caster on **Temsa Bus** front upper control arms.



## FREIGHTLINER SHIMS FOR FAS II SUSPENSIONS

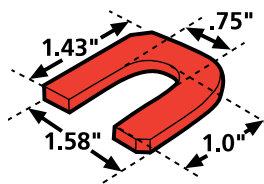
Part No.	Thickness	Qty
36031	1/16"	6
36032	1/8"	6

Will change thrust and toe when installed between the torque arm and the spring hanger. They will also center the axle with the frame rails when used on the lateral link.



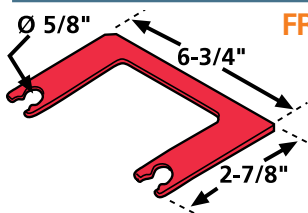
## VANHOOL LOWER CONTROL ARM & BOGEY AXLE SHIM

Part No.	Thickness	Qty
36040	1/32"	6
36041	1/16"	6
36042	1/8"	6



## VANHOOL UPPER CONTROL ARM & DRIVE AXLE SHIM

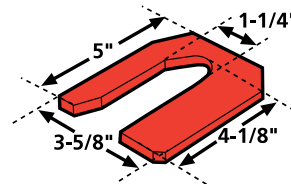
Part No.	Thickness	Qty
36050	1/32"	6
36051	1/16"	6
36052	1/8"	6



## FREIGHTLINER SHIMS FOR AIR GLIDE SUSPENSION

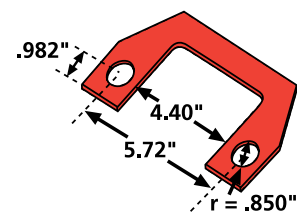
Part No.	Thickness	Qty
35070	1/32"	6
35071	1/16"	6
35072	1/8"	6

These shims adjust thrust angle and toe by placing the shim between the spring hanger and the spring.



## PREVOST CASTER SHIM

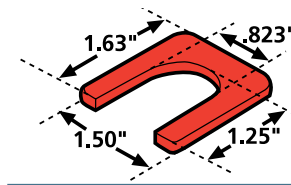
Part No.	Thickness	Qty
36060	1/32"	6
36061	1/16"	6
36062	1/8"	6



## PETERBILT/KENWORTH THRUST ANGLE SHIMS

Part No.	Thickness	Qty
36001	1/32"	6
36002	1/16"	6
36003	1/8"	6

These shims are for the Peterbilt and Kenworth "Low Air Suspensions".

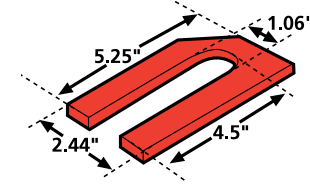


## PREVOST CASTER SHIM

Part No.	Thickness	Qty
36070	1/32"	6
36071	1/16"	6
36072	1/8"	6

## LOOKING FOR HENDRICKSON SHIMS?

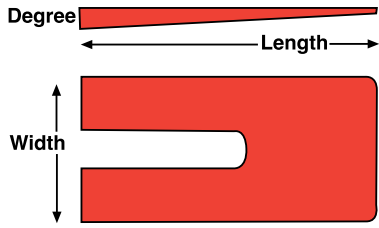
See page 147.



## PREVOST X & XL SHIM

Part No.	Thickness	Qty
36090	1/32"	6
36091	1/16"	6
36092	1/8"	6

# Heavy Duty Truck Axle Shims



MATERIAL	cost	COMPRESSION STRENGTH	HARDNESS
ALUMINUM ALLOY	\$\$	★★★	★★★
ZINC ALLOY	\$\$\$	★★★★★	★★★★★
STEEL ALLOY	\$\$\$\$\$	★★★★★	★★★★★

Ordering one Part Number supplies **SIX SHIMS** in a box. When placing order spring pad length and width is needed.

Choose from Aluminum, ZINC and Steel Alloy Shims

ALUMINUM ALLOY	ZINC ALLOY	STEEL ALLOY	SPRING WIDTH	DEGREE	SPR. PAD LENGTH	QTY/ BOX
10405	10403	--	2-1/2"	1/2°	5"	6
10412	10413	--	2-1/2"	1°	5"	6
10422	10423	--	2-1/2"	1-1/2°	5"	6
10432	10433	--	2-1/2"	2°	5"	6
10442	10443	--	2-1/2"	2-1/2°	5"	6
10452	10453	--	2-1/2"	3°	5"	6
10462	10463	--	2-1/2"	3-1/2°	5"	6
10472	10473	--	2-1/2"	4°	5"	6
10505	10503	--	3"	1/2°	6"	6
10512	10513	--	3"	1°	6"	6
10522	10523	--	3"	1-1/2°	6"	6
10532	10533	--	3"	2°	6"	6
10542	10543	--	3"	2-1/2°	6"	6
10552	10553	--	3"	3°	6"	6
10562	10563	--	3"	3-1/2°	6"	6
10572	10573	--	3"	4°	6"	6
10605	10603	--	3-1/2"	1/2°	6-1/4"	6
10612	10613	--	3-1/2"	1°	6-1/4"	6
10622	10623	--	3-1/2"	1-1/2°	6-1/4"	6
10632	10633	--	3-1/2"	2°	6-1/4"	6
10642	10643	--	3-1/2"	2-1/2°	6-1/4"	6
10652	10653	--	3-1/2"	3°	6-1/4"	6
10662	10663	--	3-1/2"	3-1/2°	6-1/4"	6
10672	10673	--	3-1/2"	4°	6-1/4"	6
10705	10703	10706	4"	1/2°	6-1/2"	6
10712	10713	10716	4"	1°	6-1/2"	6
10722	10723	10726	4"	1-1/2°	6-1/2"	6
10732	10733	10736	4"	2°	6-1/2"	6
10742	10743	10746	4"	2-1/2°	6-1/2"	6
10752	10753	10756	4"	3°	6-1/2"	6
10762	10763	10766	4"	3-1/2°	6-1/2"	6
10772	10773	10776	4"	4°	6-1/2"	6
10782	10783	--	4"	5°	6-1/2"	6

Specialty Products carries Truck Axle Caster Shims in three different alloys, giving the technician the opportunity to match price point and mechanical requirements to meet their customer's needs.

**Note: Shims should not be stacked.**

## ALUMINUM ALLOY HD SHIMS

These economical over-the-road heavy duty truck axle shims are our lowest cost option. With average compression strength and hardness these shims are available in a large variety of sizes and offer the technician a cost effective means to correct caster on over-the-road trucks and trailers.



## ZINC ALLOY HD SHIMS

For a small cost increase versus aluminum, Zinc Alloy shims have the hardness similar to premium manganese bronze or steel shims and a much improved compression strength as compared to their aluminum counterparts.



## STEEL ALLOY HD SHIMS

These shims are the standard. Top of the line compression strength and hardness means that when you set your alignment - it doesn't change.



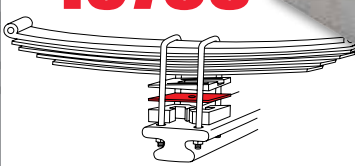
**NOTE** - if you are using "Z Blocks" or other axle spacers you need to spread the load to prevent the shim from crushing. Check out SPC's **HD Axle Spacer Plate** below to solve this common problem.

**10598**  
**10698**  
**10798**

## HD AXLE SPACER PLATE (6)

**Spread the load!** "Z" Blocks and other axle spacers used by Hendrickson, Freightliner, Kenworth, Mack, Hollis, Sterling, Ford, and others create pressure points that will crush or even break the toughest of caster wedges. Use this HD Wedge Spacer Plate to spread the load and then use the caster shim of your choice to modify alignment. The 1/8" thick plates come 6 to a pack and are available in three widths. The HD Wedge Spacer Plate can also be used to dial in ride height from side to side.

#10598 - 3" Wide • #10698 - 3.5" Wide  
#10798 - 4" Wide



# Heavy Duty Truck Axle Shims

## ZINC TRUCK AXLE SHIMS

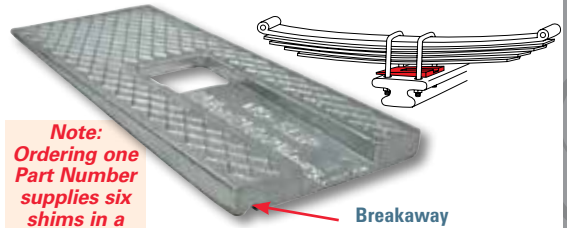
# 80199-81099

These popular heavy-duty axle shims are for vehicles with 1-3/4" to 2" wide leaf springs.

**APPLICATIONS:** Any solid axle 2WD or 4WD vehicle.

**Note:** Shims should not be stacked.

Part No.	Width	Degree Taper	Qty/Box	Part No.	Width	Degree Taper	Qty/Box
80199	1-3/4" - 2"	1/2°	6	80699	1-3/4" - 2"	3°	6
80299	1-3/4" - 2"	1°	6	80799	1-3/4" - 2"	3-1/2°	6
80399	1-3/4" - 2"	1-1/2°	6	80899	1-3/4" - 2"	4°	6
80499	1-3/4" - 2"	2°	6	80999	1-3/4" - 2"	5°	6
80599	1-3/4" - 2"	2-1/2°	6	81099	1-3/4" - 2"	6°	6



**Note:** Ordering one Part Number supplies six shims in a box.

Breakaway

## UNI-WEDGE SHIMS (HD ZINC ALLOY)

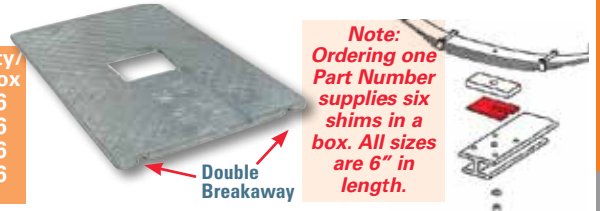
# 89199-89899

Twice the coverage - half the inventory. Changes caster positive or negative from 1/2° to 4°.

**APPLICATIONS:** Any solid axle 2WD or 4WD vehicle.

**Note:** Shims should not be stacked.

Part No.	Width	Degree Taper	Qty/Box	Part No.	Width	Degree Taper	Qty/Box
89199	3" - 3-1/2" - 4"	1/2°	6	89599	3" - 3-1/2" - 4"	2-1/2°	6
89299	3" - 3-1/2" - 4"	1°	6	89699	3" - 3-1/2" - 4"	3°	6
89399	3" - 3-1/2" - 4"	1-1/2°	6	89799	3" - 3-1/2" - 4"	3-1/2°	6
89499	3" - 3-1/2" - 4"	2°	6	89899	3" - 3-1/2" - 4"	4°	6



**Note:** Ordering one Part Number supplies six shims in a box. All sizes are 6" in length.

Double Breakaway

### 35038

**Adjustment:** Torque Box

#### APPLICATIONS

**Hendrickson HTB:** 2007 & Up  
**International:** 2007 & Up  
**Spartan:** 2007 & Up

## HENDRICKSON (HTB) TORQUE BOX ADJUSTMENT SET (10)

Adjust the Hendrickson HTB torque box with this full set of 10 replacement shims. The shim set includes 4 of the 1/32" shims, 4 of the 1/16" shims, and also 2 of the 1/8" shims to give you a full range of adjustment. Need to adjust the torque arm as well? Try our 35035, 35036, or 35037 shims (above).

# 35038



## HENDRICKSON WALKING BEAM SHIMS

These are the OE style shims recommended by Hendrickson. The 36080 offers three adjustments at 0, 3/16" and 3/8". The 36085 gives you four different adjustments of 0, 1/8", 1/4" and 3/8". Each part number includes 2 to a package.



# 36080 36085

## HENDRICKSON HD SHIMS

This shim kit will adjust the thrust angle on Hendrickson's 'walking beam' rear tandem axle suspension. Improve tire wear and handling by adjusting thrust angle from 0" to 3/8" in precise 1/32" increments.

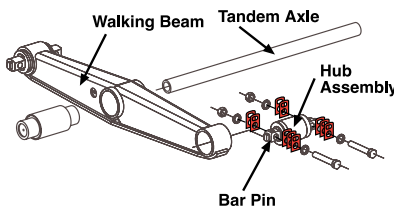
**REPLACES these OE kits-**

**Euclid Nos: E-9327, E-9328, E-9329**

**Hendrickson Nos: 50130-000, 50131-000, 50132-000**

**Adj. Range: 3/8" Required: 1 set per wheel**  
**Includes: 2 (two)-five piece kits**

# 36087



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Call for your nearest distributor, product info or Technical Assistance • In the USA and Canada

1-800-525-6505

# Heavy Duty WHEEL CENTERING PRODUCTS

- Wheel Vibrations?
- Wheel Hop?
- Brake Pedal Pulsations?
- Erratic Tire Wear?
- Excessive Fuel Consumption?

If you are experiencing these problems, it may be because your wheels aren't centered on the hub. With **Specialty Products' Wheel Centering Products**, you can re-center your wheel, and eliminate all of these problems.

## Benefits...

- Increases fuel mileage
- Increases tire life
- Decreases tire vibration
- Cuts rebalancing costs
- Reduces "wheel-off" condition
- Reduces tire cupping

## Perfect for...

- Semi Trucks and Trailers
- Heavy & Medium Duty Trucks
- Parcel Package Trucks
- Emergency Vehicles
- Commercial Buses
- School Buses
- Motor Coaches

**Install our wheel centering products on your truck or fleet and start saving money NOW! Simply the BEST solution for tire vibration and erratic wear.**

**32111**  
**32115**  
**32116**

## SPC 'EZ ON' Wheel Centering Tool Set

Stop wheel hop and vibrations on hub piloted wheels! Hub pilot hole diameter tolerances can allow wheels to be installed and tightened in an "off center" or clocked position. The 32111 threadless wheel centering tool set (3) fits 22mm studs on Heavy Duty and Over-the-Road Tractors and Trailers. The 32115 is for Ford F450/F550 Super Duty. These tools slide directly over the wheel studs in the 12, 4, and 8 o'clock positions. The wheel is then installed over the tools, the stud nuts added to the exposed studs and tightened. The wheel is now centered precisely. The centering tools are removed and the final stud nuts are added, torquing all nuts to manufacturer's specifications.

*Our threadless design allows the installer to quickly and easily center the wheels to the hub. And our tapered design makes it easy to mount the wheel over the hub.*

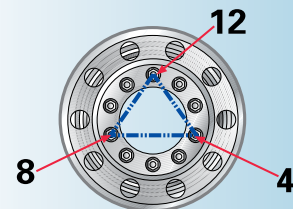
### Features

- Threadless Design
- Tapered Nose
- Single Set

### Benefits

- Saves Installation Time
- Eases Wheel Mounting
- For Steer, Drive & Trailer Axles

- 32111** OTR Vehicles  
22mm
- 32115** Ford F450/F550  
Super Duty  
14mm
- 32116** Alcoa Wheels  
made in  
Hungary  
22mm



1-800-525-6505

Call for your nearest distributor, product info or Technical Assistance • In the USA and Canada

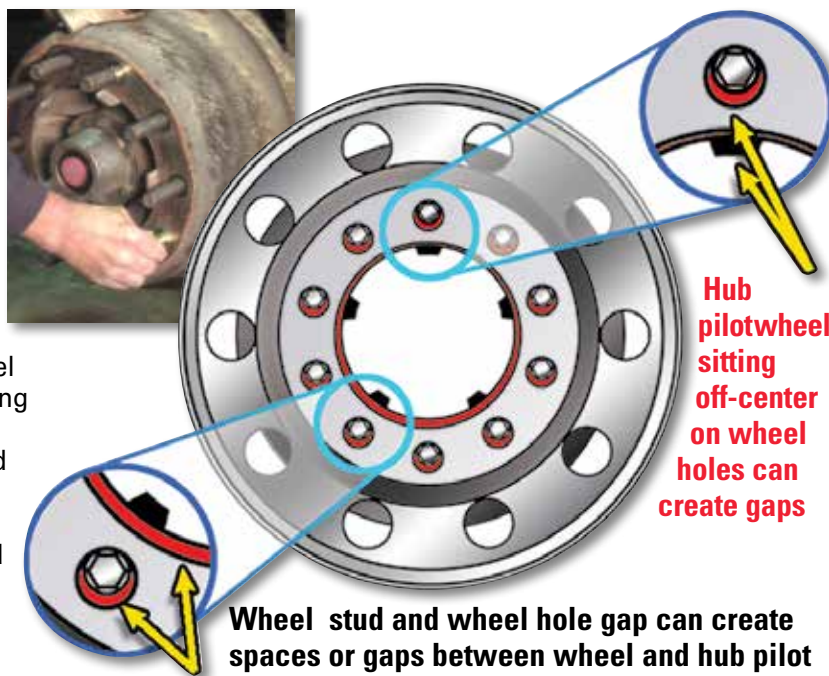
[www.specprod.com](http://www.specprod.com)

# Heavy Duty WHEEL CENTERING PRODUCTS

## How it works

*If your hub piloted wheel is sitting on the hub stud off-center (as shown in the illustration to the right) you need these parts and tools to avoid wheel hop and excess tire wear, and to increase your fuel mileage.*

The theory behind the hub pilot is that it centers the wheel. The fact is gravity causes the weight of the wheel to rest only on the upper pilots creating a gap in the bottom pilots. Even the smallest gap results in an egg-shaped motion upon rotation. This uneven motion creates rolling resistance which causes tire vibration, increased fuel consumption and erratic tire wear. The bottom line is, you can't balance an egg.



**When the wheel rests on the upper hub pilot this produces a gap at the other pilots resulting in an off-center condition. This causes wheel vibration and erratic tire wear.**

## SPC 'EZ ON' Wheel & Brake Drum Centering Sleeves

These sets center both steer axle HD wheels and brake drums to minimize wheel vibrations, brake pedal pulsations, and wheel hop. For both Aluminum and Steel steer wheels and a variety of brake drum types.

*This threadless sleeve design allows the installer to quickly and easily center wheels and brake drums - a great time saver and affordable!*



22mm Steer Wheel - Brake Drum Type	Dimensions	Aluminum Wheel	Steel Wheel	Qty.
<b>Gunite</b> 3573X, 3596X, 3597X, 3598X, 3686X, 3687X, 3710X, 3721AX, 3726X, 3758X, 3774X, 3800X <b>Webb</b> 61528B, 65548B <b>Arvin Meritor</b> 53-123448-002, 53-123567-002, 53-123568-002	1.25" hole/.5" depth	<b>32120</b>	<b>32124</b>	6
<b>Gunite</b> 9000X, 9001X, 9035X <b>Motor Wheel Centrifuse</b> 89870BK, 90089BK, 90174BK <b>Arvin Meritor</b> 53-123512-002, 53-123542-002	1.25" hole/.25" to .3125 depth	<b>32121</b>	<b>32122</b>	6
<b>Conmet</b> 10009920	1.34" to 1.37" hole /.5" depth	<b>32125</b>	<b>32126</b>	6
<b>Conmet</b> 107164, 107453, 107507, 107862, 10001781, 10001783, 10005331, 10005332	1.28" hole /.5" depth	<b>32127</b>	<b>32128</b>	6
<b>Gunite</b> 3596BX, 3753AX, 3754AX	1.00" hole/.5 depth	<b>32123</b>		6
19.5mm Steer Wheel - Brake Drum Type				
<b>'TAG' axles with Accu-Ride 19.5" wheels.</b>	1.00" hole/up to .5 depth	<b>32131</b>	<b>32131</b>	6

# Heavy Duty

## WHEEL CENTERING PRODUCTS

### WHEEL CENTERING ACCESSORIES

These accessories will make installing our centering sleeves fast and easy.

#### #33171 ELECTRIC DRILL WIRE BRUSH

Use to clean holes before mounting.

#### #33172 DEBURR KNIFE

Use to remove damaged edges.

## 20106



### HEAVY DUTY WHEEL CENTERING TOOLS - EDUCATION COUNTER MAT

Create extra sales at the counter with this great teaching tool from SPC. This high quality mat explains the problems caused by off-centered wheel and the benefits of using our Wheel Centering Sleeves and includes a quick guide to our Axle and Tandem Shims on the reverse.

Dimensions: 11" x 17"

## TOOLS

## 64250

### UNIVERSAL RADIAL RUN-OUT GAUGE

The Universal Radial Run-Out Gauge displays exact measurements for tire, wheel, and disc brake run-out. This gauge also measures ball joint and tie rod play and adjusts height to adapt to both automotive and heavy truck applications. This is a great tool when measuring those hard to reach areas.

*Machined roller & heavy duty tripod for smooth, accurate readings*

33174 - Replacement Gauge - Page 175



*Includes ball joint/tie rod extenders*

#### Tire Radial Run-Out

- Measures out of round condition which can cause front end vibration
- Pinpoints high and low spots in the tire

#### Suspension/Ball Joint Play

- Measure kingpins, ball joints and tie rod end axial and radial play
- Use extender rods for hard to reach areas

#### Wheel Lateral Run-Out

- Check for bent or out of round wheels
- Out of round wheels may cause a shimmy condition

#### Brake Rotor and Hub Run-Out

- Measure brake rotor high spots & out of round
- Measure hub radial play

## 75555 75560 75585



### HEAVY DUTY TORQUE EXTENSIONS

These heavy duty torque extensions provide a fast, simple method to achieve manufacturers' specified torque every time using an impact wrench. No more guesswork! These extensions feature solid one piece construction.

**75555** 140 ft. lbs. torque - 1/2" drive - aqua

**75560** 160 ft. lbs. torque - 1/2" drive - orange - extension for: 1999 & Up Ford Super Duty Trucks and 2000 - 2005 Excursions

**75585** 550 ft. lbs. torque - 1" drive - yellow

See page 182 for our Wheel Torque Chart part no. 70050

# Heavy Duty

## TOOLS 81309

### STEEL WHEEL RIM STRAIGHTENING TOOL

For quick and easy removal of indentations on wheel flanges and rims of most vehicles. Allows proper tire seating, giving greater tire protection. Powder coated for added durability.



### TRUCK WHEEL WEIGHT TOOL

Special grip hammer and pliers for removal and installation of truck wheel weights.



## 83125

### CHROME LUG NUT COVER TOOL

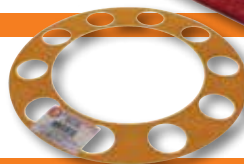
No-Mar coated jaws allow harmless removal and installation of chrome nut covers on light truck, motor home, and over-the-road truck lug nuts.



## 83788

### NO MAR RIM GUARD

Protects from scratching chrome, aluminum, and painted truck wheels when removing lug nuts.



## 84238

### FASTRAX™ CAMBER/CASTER GAUGE

## 91040

This great tool is a must for your garage or shop. Accurate, portable, alignment checks can be done quickly and easily with the FasTrax™ Adjustable Camber/Caster Gauge.

- Includes gauge and wheel mount (fits most wheels from 21" to 26"). Includes extra length toe arms, heavy duty tape measure, and no lip adapters.
- Displays Camber  $\pm 4^\circ$  / Caster  $-4^\circ$  to  $+12^\circ$ .
- Saves time and tires.
- Accurate, rugged and easy-to-use.



- *The most expensive costs of operating a fleet today is fuel and rubber*
- *By adding 5 minutes to your PMs you can protect your steer tires from premature wear and increase fuel mileage*
- *For less than the price of one steer tire you can **SAVE THOUSANDS OF DOLLARS PER YEAR!***



**Perfect to add to your PMs - Check your alignment in just 5 minutes!!!!**

### S-CAM BUSHING EXTRACTOR

Great tool for any Heavy Duty shop that works on low boys, reefers, log trucks and more. Now you can remove and replace the S-Cam bushing on air brake equipped trailers without removing the wheel hub or replacing the wheel seal. Save time and money yourself and for your customer with this innovative durable tool. Offer S-Cam replacement with every brake job.



## 91860



Dimensions:  
1-7/9" OD •  
1-3/8" ID



**This QR Code means there is a installation video at [www.specprod.com](http://www.specprod.com) that shows you how the pros here at SPC install this part.**



**At our website we also have up-to-date applications, new parts and tools, along with instructions and other information on all of our products - check it out today!**

# Replacement OE REPLACEMENT PARTS

**12020**  
**12021**  
**12022**

## INFINITI REAR LOWER CONTROL ARMS, LATERAL ARMS & RADIUS ROD

SPC's high strength steel stock length control arm (#12020) replaces (OE# 551A01MA0D) and (#12021) replaces the (OE# 551B01MA0D) radius rod on Infiniti Q50 & Q70 models. SPC's (#12022) replaces a worn or bent lateral arm (OE# 551201MA0D).



**Need extended camber adjustment? Consider SPC adjustable link #72245 (page 111).**

**12020 Rear** Repl. Part  
Required: 1 per wheel

**12021 Rear** Repl. Part  
Required: 1 per wheel

**12022 Rear** Repl. Part  
Required: 1 per wheel

### APPLICATIONS

**Infiniti:** 2014 - 22 Q50  
2014 - 19 Q70  
2011 - 13 M35h,  
M37, M56

**12025**

## TC FIXED LENGTH REAR ARM

Replace your worn or bent rear upper control arm (OE# 4877021011) on the Scion tC. This arm features rubber bushings to match OE design and performance. Need positive camber change? Consider SPC offset arm #67485 (page 95).



**Rear** Replacement Part  
Required: 1 per wheel

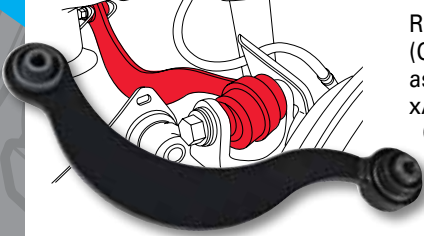
### APPLICATIONS

**Scion:** 2005 - 10 tC

**12030**

## SCION/LEXUS/TOYOTA FIXED LENGTH REAR ARM

Replace your worn or bent rear upper control arm (OE# 4877012010) on the Scion tC and iM, as well as the Lexus CT and HS vehicles. This arm features xAxis™ and rubber bushings to match OE design and performance.



**Need extended camber adjustment? Consider SPC adjustable arm #67487 (page 96).**

**Rear** Replacement Part  
Required: 1 per wheel

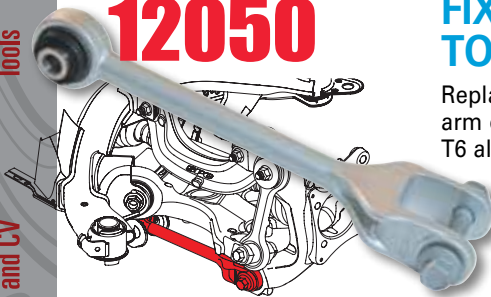
### APPLICATIONS

**Lexus:** 2011 - 17 CT  
2010 - 12 HS  
**Scion:** 2011 - 16 tC  
2016 iM  
**Toyota:** 2017 - 18 Corolla iM

**12050**

## FIXED LENGTH MUSTANG TOE LINK

Replace your worn or damaged rear lower control arm on the S550 Ford Mustangs with this forged T6 aluminum replacement arm from SPC. The arm features an xAxis™ sealed flex joint and replacement nut and bolt for easy replacement and factory noise, vibration and harshness (NVH).



**Rear** Replacement Part  
Required: 1 per wheel

### APPLICATIONS

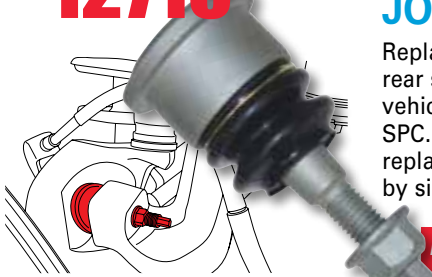
**Ford:** 2015 - 22 Mustang

**Check out all our adjustable alignment parts for 2015 -22 Mustangs on page 114.**

**12710**

## FORD REAR UPPER BALL JOINT REPLACEMENT

Replace your worn out upper ball joints on the rear suspension of popular Ford and Mercury AWD vehicles with these replacement ball joints from SPC. Ford makes you buy the whole knuckle to replace this joint, but you can save time and money by simply replacing the ball joint instead.



**Extended camber adjustment? #67690 (page 102).**

**Rear** Replacement Part  
Required: 1 per wheel

### APPLICATIONS

#### AWD ONLY

**Ford:** 2005 - 07 500  
2005 - 07 Freestyle  
2008 - 09 Taurus  
2008 - 09 Taurus X  
**Mercury:** 2005 - 07 Montego  
2008 - 09 Sable

Applications

Alignment Parts

Heavy Duty

OE Replacement

Racing/Builders

Tools

Brake and CV

Gear/Index

# Replacement

## Front Replacement Part

Required: 1 per wheel

### APPLICATIONS

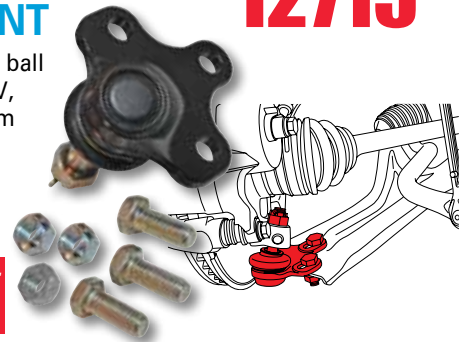
**Honda:** 2018 Accord  
2016 - 21 Civic  
(not Type R)  
2017 - 22 CR-V

**DOES NOT FIT CIVIC TYPE R**

## HONDA REPLACEMENT LOWER BALL JOINT

# 12715

Replace your worn or damaged factory lower ball joint on the front of the late model Civic, CR-V, or Accord with this replacement ball joint from SPC. This ball joint uses high quality components for a long service life.



**Need extended camber adjustment? Consider SPC #67381 & #67382 (page 92).**

## REAR Replacement Part

Required: 1 per wheel

### APPLICATIONS

**Toyota:** 1996 - 02 4Runner

## 4RUNNER BUSHINGS

# 16110 16115

Replace worn out bushings on your 1996 through 2002 Toyota 4Runner trailing link (16110) and lower track bar (16115) with these replacement bushings from SPC. These bushings are sold each and fit both the inboard and outboard location on these arms.



## REAR Replacement Part

Required: 1 per wheel

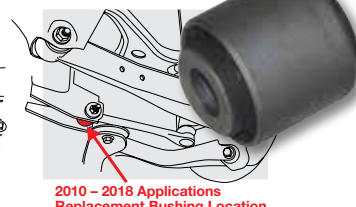
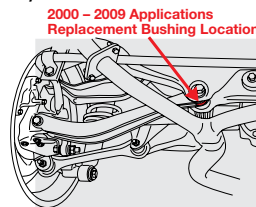
### APPLICATIONS

**Subaru:** 2003 - 06 Baja  
2013 - 18 BRZ, Crosstek  
2009 - 18 Forester  
2008 - 18 Impreza  
(inc STi, WRX)  
2010 - 18 Legacy, Outback  
2009 - 14 Tribeca

## SUBARU BUSHING

# 16210

Replace the worn bushing on the onboard in of the rear lower control arm on many Subaru models from the 2000's. Need the toe cam adjuster too? Check out SPC #67668 on page 101.



## REAR Replacement Part

Required: 2 per wheel

### APPLICATIONS

**Jeep:** 2018 - 22 Wrangler, Gladiator

## JEEP BUSHING

# 16310

Replace your worn front lower control arm bushings on the 2018 and newer Jeep Wrangler (JL) or Gladiator (JT) with this replacement bushing from SPC. Sold each, use two bushings per control arm, up to four per vehicle. Need caster or front pinion angle adjustment? Consider adding SPC# 82375 at the same time, found on page 125.



## FRONT Replacement Part

Required: 1 per wheel

### APPLICATIONS

**Ford:** 2020 - 25 Bronco

## FORD BRONCO CONTROL ARM HARDWARE

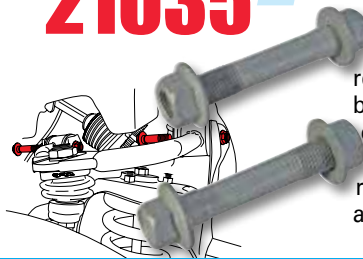
# 21015

The front upper control arm mounting bolts on the Ford Bronco are frequently corroded and must be cut out when removing or replacing the control arm. This hardware replacement kit allows quick and easy re-installation of the upper control arm. This long bolt and nut kit will service the control arm hardware on one side of the vehicle.



# 21035

## BOLT & NUT KIT/NISSAN (PR)



Replace frequently corroded and parts with this bolt and nut replacement kit (2) allows easy re-installation of the upper control arm. The pair of bolts and nuts are enough to replace both bolts in one corner or to replace the rearward bolt on both upper control arms if you are cutting them out to replace both arms. Can be used with SPC #25540 adjustable front upper control arm, (page 81).

**Front** Replacement Part

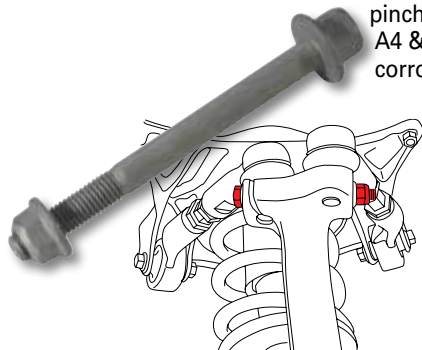
Required: 1 per wheel

### APPLICATIONS

**Nissan:** 2004 - 15 Armada  
2005 - 22 Frontier  
2005 - 12 Pathfinder  
2004 - 15 Titan  
2005 - 15 Xterra  
**Suzuki:** 2009 - 12 Equator

# 21040 21045

## AUDI FRONT UPPER CONTROL ARM PINCH BOLT KIT



The upper control arm ball joint pinch bolt on the popular Audi A4 & A5 models is frequently corroded and must be cut out when removing or replacing the upper arms. This bolt and nut replacement kit has a 720 hour saltspray certified coating to minimize future corrosion. Order one kit per side. Included with SPC Adjustable Front Upper Control Arms (page 121).

**Front** Replacement Part

Required: 1 per wheel

### 21040 APPLICATIONS

**REPLACE AUDI OE BOLT N10425302 AND NUT N10286110 WITH THIS KIT.**

**Audi:** 1998 - 16 A4; 2000 - 16 S4  
2007 - 08 RS4; 2007 - 17 A5/S5  
1998 - 11 A6/Allroad/S6/RS6  
2012 - 18 A7/S7; 2004 - 10 A8/S8  
2009 - 17 Q5; 2013 - 17 SQ5

**Volkswagen:**

1998 - 05 Passat; 2004 - 06 Phaeton

### 21045 APPLICATIONS

**REPLACE AUDI OE BOLT WHT006542 AND NUT N10286110 WITH THIS KIT.**

**Audi:** 2017 - 21 A4; 2017 - 21 S4

# 21060

## TOYOTA CONTROL ARM HARDWARE KIT



The front upper control arm mounting bolts on many Toyota truck and SUV models are frequently corroded and must be cut out when removing or replacing the control arm. This hardware replacement kit allows quick and easy re-installation of the upper control arm.

**Front** Replacement Part

Required: 1 per wheel

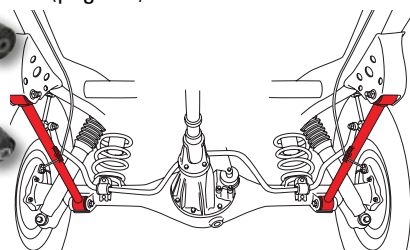
### APPLICATIONS

**Lexus:** 2010 - 23 GX460  
2003 - 09 GX470  
**Toyota:** 2003 - 24 4Runner  
2003 - 14 FJ Cruiser  
2001 - 07 Sequoia  
2005 - 23 Tacoma  
2000 - 06 Tundra

# 25945 25950 25955 25960 25965

## TOYOTA REAR LOWER CONTROL ARMS (PR)

These pairs of rear lower control arms are direct replacements for weak or bent factory units. Made of 3/16" wall DOM tube, they are more than 2x stronger than the OE arms! They are equipped with a rubber bushing in one end for isolation of road noise and an xAxis™ sealed flex joint in the other end for superior flexibility off road. Whether you are replacing damaged OE parts or upgrading for offroad use, these are the arms for you. Need articulation or alignment changes in the front? Check out our front adjustable upper control arms (page 80).



**Rear** Replacement Part

Required: 1 per axle

### 25945 APPLICATIONS

**Toyota:** 1996 - 02 4Runner

### 25950 APPLICATIONS

**Lexus:** 2003 - 22 GX  
**Toyota:** 2003 - 22 4Runner  
2007 - 14 FJ Cruiser

### 25955 APPLICATIONS

**Toyota:** 1998 - 07 Landcruiser (100 Series)

### 25960 APPLICATIONS

**Toyota:** 1991 - 97 Landcruiser (80 Series)

### 25965 APPLICATIONS

**Lexus:** 2008 - 21 LX 570  
**Toyota:** 2008 - 21 Landcruiser (200 Series)

25945  
25950

25955, 25960,  
25965

1-800-525-6505

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[www.specprod.com](http://www.specprod.com)

## Rear/Front Upper Replacement Part

Required: 1 per wheel

### APPLICATIONS

**FRONT Acura:** 1990 - 01 Integra; 1991 - 96 Legend  
1996 - 01 RL; 1996 - 98 3.2TL  
**Honda:** 1992 - 00 Civic; 1997 - 01 CR-V  
1992 - 97 Del Sol; 1997 - 02 Prelude

Check out adjustable options on pages 89 and 90

## REPLACEMENT BALL JOINTS

These ball joints can be used as a replacement ball joint for several Honda and Acura vehicles. Check out SPC's **67265** (page 90) rear extended range for adjustable arm.



**40920** - Perf. Ball Joint Press, pg 170

## Rear Replacement Part

Required: 1 per axle

### APPLICATIONS

**Ford:** 1999 - 04 Mustang Cobra

## COBRA IRS XAXIS™ JOINT KITS

Replace worn rear knuckle cross axis ball joints on the IRS Mustang Cobra with xAxis™ joints from SPC Performance. xAxis™ ball joints feature highly polished electro-less nickel plated balls, corrosion and wear resistant moly impregnated nylon races, and dust boots to keep contaminants out & ensure long life. xAxis joints come pre-greased and are designed to be maintenance free. Order part #72062 for the complete set to replace all 4 rear knuckle cross axis ball joints, along with the correct press tool adapters. Need only a single rear knuckle ball joint? Order part #15645. With the single xAxis use SPC press adapters #29606 and #29610 to make installation a snap. Don't have a press tool? Use SPC #40940.



**40920** - Perf. Ball Joint Press, pg 170

**72062**  
Set of 4 with Adaptors

**15645**  
Single Joint



## Rear Replacement Part

Required: 1 per axle

### **87550** APPLICATIONS

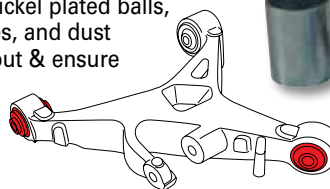
**Ford:** 2002 - 05 Thunderbird  
**Lincoln:** 1999 - 06 LS

### **87555** APPLICATIONS

**Jaguar:** 1999 - 08 S-Type

## XAXIS™ JOINT KITS

Replace worn rear lower control arm cross axis ball joints on the Lincoln LS and Ford Thunderbird (#87550) or Jaguar S-Type (#87555) with SPC xAxis™ Sealed Flex Joints. xAxis™ joints are pre-greased and feature highly polished electro-less nickel plated balls, moly impregnated nylon races, and dust boots to keep contaminants out & ensure long life. These kits include four (4) xAxis™ joints and two (2) press tool adapters to service a complete rear end.



**40920** - Perf. Ball Joint Press, pg 170

**87550**  
**87555**



## Why OE Replacement Parts?

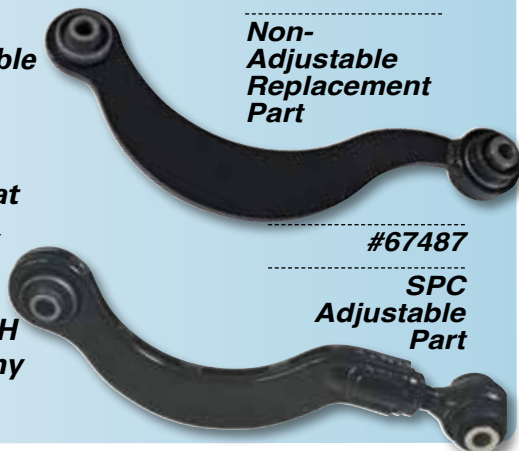
Specialty Products is expanding our line to include select OE replacement parts. As we design adjustable parts for vehicles SPC's engineers refer to the OE parts for fitment and OE ride quality. As these parameters are met, SPC is seeing opportunities in co-designing a non-adjustable replacement part that meets or exceeds the standards of the factory part, often at substantial savings over the cost of an OE part. With the introduction of our xAxis™ Sealed Flex Joints SPC has the ability to retain factory NVH (Noise, Vibration and Harshness) standards on many adjustable and replacement parts.

#12030

Non-Adjustable Replacement Part

#67487

SPC Adjustable Part

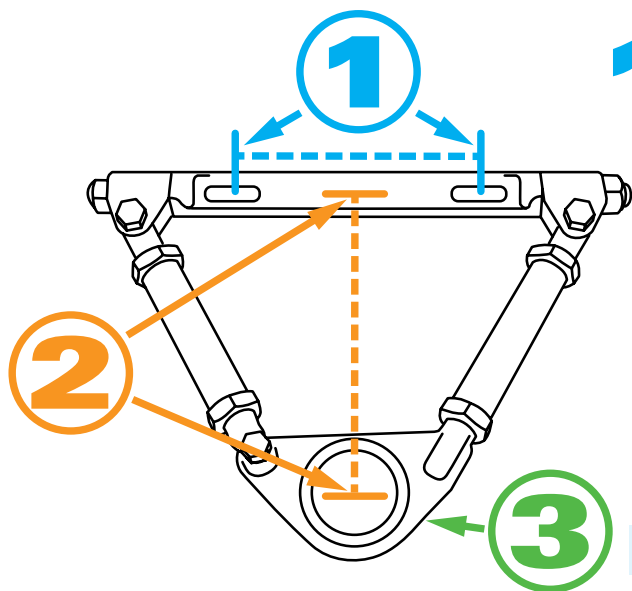


### Race Style Adjustable Upper Control Arms

These fully adjustable, rugged arms are recommended for circle track, road racing and drag applications. They allow the user to adjust the arm length and offset to attain the ultimate suspension geometry required to reach the winner's circle. Each arm can be adjusted up to 2" in length and all components are interchangeable and may also be ordered separately. **SPC also offers arms for Muscle Cars, Street Rods, Corvettes and show applications - see our Application Guide (pages 7-68) for more!**



Follow the steps below to determine the correct control arm needed for your chassis.



#### 1 Step Number 1: Measure Cross Shaft Bolt Hole Spacing From Center-To-Center

SPC Performance offers these cross shafts including grease fittings with bolt hole spacings of:

- 5"
- 6" (slotted) Aluminum or 5-7/8" - 6" (slotted) Steel
- 6 1/2" (1st Gen 'F' Body 1967-69 Camaro; 1968-74 Nova-'A' Body Chevelle, El Camino, GTO, Olds 442)
- 6-15/16" Metric Stubs ('G' Body 1978-88 Chevelle, Grand National, Malibu Grand Prix; 1970-88 Monte Carlo; 1979-87 Cutlass Supreme)
- 7-3/4" 2nd Gen 'F' Body (1970-81 Camaro, Firebird)

My Cross Shaft Spacing Is: \_\_\_\_\_

#### 2 Step Number 2: Measure Length of Control Arm

Measure from the middle of the cross shaft to the center of the ball joint.

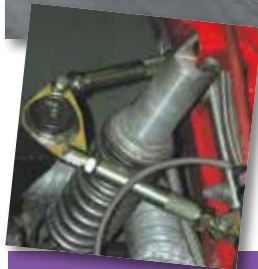
- Steel Adjusting Sleeve lengths are available in 3-3/4", 5", 6", 8", and 9". Also available in black anodized aluminum in 4", 5" and 6" lengths.

My Control Arm Length Measures: \_\_\_\_\_

#### 3 Step Number 3: Determine Type of Ball Joint Plate

- **Full Sized GM Truck Bolt In Ball Joint Plate** Measure center-to-center between the ball joint bolt holes that are farthest apart. This measurement should be 2-3/4" SPC Ball Joint part number is **92004**.
- **GM Metric (Midsized) Bolt In Ball Joint Plate** Measure center-to-center between the ball joint bolt holes that are farthest apart. This measurement should be 2-1/2" - SPC Ball Joint part #**92006**. Also in 20° - SPC Ball Joint part #**92008 & 92009**.
- **Chrysler Screw In Ball Joint Plate** - SPC Performance offers ball joint plates that are welded flat (0°- SPC part #**92003**) or at an angle (10°- SPC part #**92002**) for these screw in type ball joints.

My Type of Ball Joint is: \_\_\_\_\_



SPC Performance offers preassembled arms in the most popular configurations. These arms are fully adjustable and can give you all the camber and caster change you need to fine tune your alignment for any track. You will save time by being able to quickly and accurately dial in your alignment angles and at the same time you will improve your handling and tracking.

### SPC Performance Arms Feature:

- Quality Steel or Aluminum (6" only) Cross Shaft with Pro Racing pivot assemblies or optional high strength rod ends with 3/4-16 thread and 5/8" bore
- Threaded steel adjusting sleeves
- Ball joint plates for Full Size, Screw-In or Metric Types

To order - find the **Cross Shaft** (or Rod End), **Adjusting Sleeve** and **Ball Joint Plate** that your chassis requires... it is that easy!

Don't see the combination that your vehicle requires? Check out our components - available individually - **and build your own!** See more high quality components on the following pages.

Part No.	Step 1 Your cross shaft	Step 2 Your Sleeve	Step 3 Ball Joint Plate
92142	5" Steel Cross Shaft	3-3/4" Adj Sleeve (Adjusts to 7"-9")	Chrysler 10° Screw-In Ball Joint
92244	6" Steel Cross Shaft	3-3/4" Adj Sleeve (Adjusts to 7"-9")	GM Full Size Ball Joint
92242	6" Steel Cross Shaft	3-3/4" Adj Sleeve (Adjusts to 7"-9")	Chrysler 10° Screw-In Ball Joint
92254	6" Steel Cross Shaft	5" Adj Sleeve (Adjusts to 8-1/4"-10")	GM Full Size Ball Joint
92252	6" Steel Cross Shaft	5" Adj Sleeve (Adjusts to 8-1/4"-10")	Chrysler 10° Screw-In Ball Joint
92546	6-15/16" Steel Cross Shaft	3-3/4" Adj Sleeve (Adjusts to 7"-9")	GM Midsize Metric Ball Joint
92542	6-15/16" Steel Cross Shaft	3-3/4" Adj Sleeve (Adjusts to 7"-9")	Chrysler 10° Screw-In Ball Joint
92556	6-15/16" Steel Cross Shaft	5" Adj Sleeve (Adjusts to 8-1/4"-10")	GM Midsize Metric Ball Joint
92552	6-15/16" Steel Cross Shaft	5" Adj Sleeve (Adjusts to 8-1/4"-10")	Chrysler 10° Screw-In Ball Joint
92646	7-3/4" Steel Cross Shaft	3-3/4" Adj Sleeve (Adjusts to 7"-9")	GM Midsize Metric Ball Joint
92656	7-3/4" Steel Cross Shaft	5" Adj Sleeve (Adjusts to 8-1/4"-10")	GM Midsize Metric Ball Joint
92344	6" Aluminum Cross Shaft	3-3/4" Adj Sleeve (Adjusts to 7"-9")	GM Full Size Ball Joint
92342	6" Aluminum Cross Shaft	3-3/4" Adj Sleeve (Adjusts to 7"-9")	Chrysler 10° Screw-In Ball Joint
92354	6" Aluminum Cross Shaft	5" Adj Sleeve (Adjusts to 8-1/4"-10")	GM Full Size Ball Joint
92352	6" Aluminum Cross Shaft	5" Adj Sleeve (Adjusts to 8-1/4"-10")	Chrysler 10° Screw-In Ball Joint
92044	Hi Strength 2 Pc. Rod End	3-3/4" Adj Sleeve (Adjusts to 7"-9")	GM Full Size Ball Joint
92042	Hi Strength 2 Pc. Rod End	3-3/4" Adj Sleeve (Adjusts to 7"-9")	Chrysler 10° Screw-In Ball Joint
92043	Hi Strength 2 Pc. Rod End	3-3/4" Adj Sleeve (Adjusts to 7"-9")	Chrysler 0° Screw-In Ball Joint
92046	Hi Strength 2 Pc. Rod End	3-3/4" Adj Sleeve (Adjusts to 7"-9")	GM Midsize Metric Ball Joint
92054	Hi Strength 2 Pc. Rod End	5" Adj Sleeve (Adjusts to 8-1/4"-10")	GM Full Size Ball Joint
92052	Hi Strength 2 Pc. Rod End	5" Adj Sleeve (Adjusts to 8-1/4"-10")	Chrysler 10° Screw-In Ball Joint
92053	Hi Strength 2 Pc. Rod End	5" Adj Sleeve (Adjusts to 8-1/4"-10")	Chrysler 0° Screw-In Ball Joint
92056	Hi Strength 2 Pc. Rod End	5" Adj Sleeve (Adjusts to 8-1/4"-10")	GM Midsize Metric Ball Joint

We also have pre-built arms for Corvettes - See Page 143!



# Builders

## Build your own Arm

With our high quality components

If we don't have a pre-assembled arm with the specs you need you can purchase the individual components and get exactly the configuration you want for racing, hot rod, street or drag. Jack Parker, Multiple IMSA Modified Champion relies on SPC.



*Our chromoly cross shafts are lighter and stronger - perfect for racing or street.*

## Cross Shafts

Steel or aluminum cross shafts in a variety of sizes and configurations including grease fittings or bushings. Measurement is from center to center on holes.

### Complete Cross Shaft Assemblies

**94100** | 5" Steel Stock/Mustang II | Includes 2 Straight Pivots

### Customizable Cross Shafts

Part#	Shaft Hole Spacing	Shaft Material	Racing Pivots (Order 2)	Street Pivots (Order 2)
			Delrin Bushing Offset Style	Clevite Bushing Offset Style
93400	5"	Steel	92025	94014
93410	5-1/2"	Steel	92025	94014
93420	5-7/8" to 6"	Steel	92025	94014
93440	6" <i>Slotted Mount</i>	Aluminum	92025*	N/A
93430	6-5/16"	Steel	92025	94014
93450	6-1/2"	Steel	92025	94014
93460	6-11/16"	Steel	92025	94014
93470	6-15/16"	Steel	92025	94014
93480	7-3/4"	Steel	92025	94014
93490	5-7/8" <i>Tri-5</i>	Steel	92025	94014

\* Note: On 93440 Aluminum Shafts the 92025 pivot bushings will need to be removed before installing.

## Adjusting Sleeves

These sleeves are the perfect fit with our pivot studs and ball joint plates. **Sold individually.**

Part #	Length	Sleeve Material	Part #	Length	Sleeve Material
92040	3-3/4"	Steel	92060	6"	Steel
92045	4"	Aluminum	92065	6"	Aluminum
92050	5"	Steel	92080	8"	Steel
92055	5"	Aluminum	92090	9"	Steel

## Upper Control Arm Components

A variety of assemblies along with nuts and bolts for your arm. **Sold individually.**

Part #	Description	Part #	Description
92005	UCA End Pivot Stud (Cross Shaft End)	92025	Offset Race Pivot Assembly w/Delrin Inserts
92010	Right Hand Jam Nut - 3/4" - 16	94013	OE Style Bushing Only
92011	Left Hand Jam Nut - 3/4" - 16	94014	Offset Street Pivot Assembly w/OE Style Bushings
92013	Pivot Plate Stud w/Nut	94041	Street Kit (threaded studs, lock nuts, bolts, jam nuts, OE style offset pivots - 2 ea.)
92014	7/16 Hex Head Cap Screw	97100	Hi Strength 2 Piece Rod End - 3/4" - 16 LH
92019	Lock Nut for 92014		
92021	Race Kit (threaded studs, lock nuts, bolts, jam nuts, offset pivots w/Delrin Insert - 2 ea.)		



Applications

Alignment Parts

Heavy Duty

OE Replacement

Racing/Builders

Tools

Brake and CV

Gear/Index

# Builders

## Ball Joint Plates

SPC Ball Joint plates come in a variety of styles to complete your adjustable control arm along with OE style ball joints (sold separately-below).

W-I-D-E 10 & 20 degree screw in ball joint plates accommodate larger coil springs being used on many late model racing chassis. The wide plate allows plenty of room for both caster and offset adjustment.

Part #	Type	Use with these Ball Joints (not included)
92002	Chrysler Screw In Plate - 10°	94002
92003	Chrysler Screw In Flat Plate - 0°	94002
92004	Full Size GM Bolt In Plate	94004 standard
92006	Midsize GM Metric Bolt In Plate - 0°	94006 standard, 94017 extended
92007	GM Tri 5 Bolt In Plate	94003
92008	Left Midsize GM Metric Bolt In Plate - 20°	94006 standard, 94017 extended
92009	Right Midsize GM Metric Bolt In Plate - 20°	94006 standard, 94017 extended
92033	Wide Mouth Screw-In Plate - 10° (Right)	94002 (for larger coil springs)
92035	Wide Mouth Screw-In Plate - 20° (Drivers)	94002 (for larger coil springs)



## Ball Joints

### .5" Extended Length OE Style Ball Joints

These greaseable, OE style extended length ball joints are ideal to improve camber gain and increase control arm to frame clearance.

**Ideal for the ultimate in handling performance.**


Part #	Description
94016	Lower Ball Joint for GM 'A' Bodies (Press in for 94344 Lower Arm)
94017	Upper Ball Joint for GM Mid Size Bolt In Metric Plate
94018	Lower Ball Joint for GM 'G' Bodies (Press in for 95336 Lower Arm)
94019	Upper Ball Joint for GM 1st Gen 'F' Body & 'A' Body ('64 -'72)



### OE Style Ball Joints

These ball joints fit a variety of GM and Chrysler applications. If you are installing our adjustable control arms these ball joints are the perfect fit to finish your suspension upgrade or a direct fit to replace a worn ball joint on a stock arm.

Part #	Description
94001	Upper Early GM Metric Bolt-in Ball Joint
94002	Upper Chrysler Screw-In Ball Joint
94003	Upper GM C2/C3 Corvette & Tri 5 Bolt-In Ball Joint
94004	Upper GM Full-Sized Bolt-In Ball Joint
94006	Upper GM Mid-Sized Metric Bolt-In Ball Joint
94007	Upper C4 Corvette Bolt-In Ball Joint
94009	Upper Ford Mustang Ball Joint
94010	Lower A & F Body Ball Joint
94011	Lower G & 2nd Gen F Body Ball Joint

 68880 - Socket pg 164



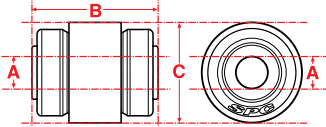
SPC has entire suspension solutions for muscle cars and street rods. Fully adjustable, rugged upper control arms, custom designed lower control arms to improve your tracking and handling, coil springs that provide optimum rates for unsurpassed performance along with ball joints, components and more!



# Builders™ xAxis™ Sealed Flex Joint



Designed to replace many OE style bushings, SPC's xAxis™ Sealed Flex Joint retains chassis design parameters. xAxis™ is recommended for use as a replacement when higher performance of joint angularity is desired - perfect for race and off-road builders.



## Features

- Sealed joint retains grease and keeps out contaminants
- Highly polished electroless-nickel finish on ball maximizes durability
- Up to 45° angularity for high mis-alignment requirements
- Common sizes that builders and racers need

## Benefits

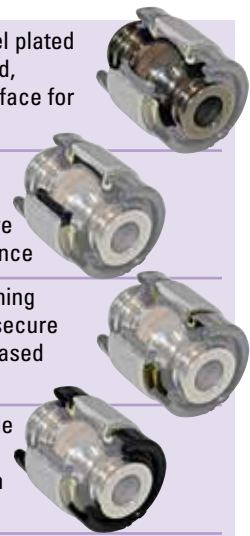
- Reduced compliance and deflection vs rubber and poly joints
- Improved durability vs spherical bearings and poly bushings
- Increased angularity vs rubber and poly bushings
- Engineered to be a direct fit for many popular street/race or HD off-road applications

Electroless-nickel plated ball provides hard, smooth wear surface for long life

Corrosion and wear resistant nylon inner sleeve reduces compliance

Zinc plated retaining rings keep boot secure throughout increased joint travel

Easily replaceable rubber boots protect joint from elements



## CAD Models Available for Builders



Go online to [www.specprod.com](http://www.specprod.com) for more on our xAxis and to download models of our xAxis which can be used in your designs.

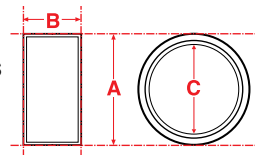
## xAxis™ Sealed Flex Joint

Part No.	Bolt Size (A)		Width (B)		Outer Dia (C)		Press Adapter
	mm	Inch	mm	Inch	mm	Inch	
15605		0.375		1.500		1.250	29607
15607		0.500		2.000		1.750	29608
15609		0.625		2.500		2.000	29610
15611		0.750		3.250		2.500	29612
15613	10			2.000		1.8125	29609
15615	12			2.000		1.8125	29609
15616	14			2.375		1.8125	29609
15617*	14			1.625	38.5		29605
15619	14			2.625		2.250	29611
15620	16			2.625		2.250	29611
15623	12		40		40		29606
15624	12		48		40		29606
15625	10		40			1.750	29608
15627	12		42		40.2		29606
15629	12		45		40		29606
15631	12		47		40		29606
15633	12		50		40		29606
15635	12		50		40.2		29606
15637	12		57		40		29606
15639	14		40		40		29606
15641	14		50		40		29606
15643	12		44.5		40		29606
15647	14		48		40		29606
15648	14		50		40		29606

\* Bolt hole and width are designed for JK track bar bracket.

## Weld-In Receivers with 2 Snap Rings

Use this weld in receiver to create your own control arm or chassis mount with an SPC xAxis™ sealed flex joint. Designed with optimal press fit for the xAxis these receivers include two snap rings for retention and an access window for easy snap ring removal.



Part No.	O.D. (A)	Width (B)	ID (C)	Press Adapter
15520	1.50"	0.82"	1.25"	29607
15521	2.25"	1.12"	1.75"	29608
15522	2.50"	1.25"	2.00"	29610
15523	3.00"	1.56"	2.50"	29612
15524	2.25"	1.07"	1.8125"	29609
15525	2.75"	1.17"	2.25"	29611
15526	47.6mm	27.3mm	40mm	29606



## 15620 Jeep xAxis™

Designed to replace the common 2-1/4" dia x 2-5/8" wide bushings in Jeep aftermarket control arms, and accommodates a 5/8" or 16mm bolt. Uses 29611 Adapter, right.



## Bushing Press Adapters

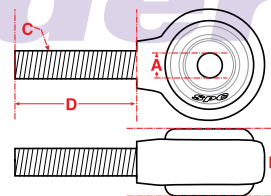
29605, 29606, 29607, 29608, 29609, 29610, 29611, 29612

These adapters are designed for quick, easy removal of the old bushings and installation of SPC's xAxis joints.

1-800-525-6505 Call for your nearest distributor, product info or Technical Assistance • In the USA and Canada

[www.specprod.com](http://www.specprod.com)

## xAxis™ Forged Receiver Assemblies



xAxis™ Forged Receiver Assemblies are the way to get all the benefits of xAxis Sealed Flex Joints into your project. Includes xAxis, forged receiver, jam nut and snap ring.

Part # Right Thread	Part # Left Thread	Bolt Dia (A)	Width (B)	Thread (C)	Thread Length (D)	Suggested Applications
15730	15731	10mm - 3/8"	2.000"	3/4" - 16	3.2"	Aftermarket Jeep TJ upper control arms
15732	15733	12mm	2.000"	3/4" - 16	3.2"	Aftermarket Jeep JK front upper control arms
15734	15735	14mm - 9/16"	2.375"	3/4" - 16	3.2"	Aftermarket Jeep JK rear upper control arms
15736	15737	16mm - 5/8"	2.625"	1" - 14	3.2"	Aftermarket Jeep TJ and JK lower control arms modified for 5/8" - 16mm bracket bolts
15738	15739	16mm - 5/8"	2.625"	1 1/4" - 12	3.2"	Heavy duty aftermarket Jeep TJ and JK lower control arms modified for 5/8" - 16mm bracket bolts
15740	15741	14mm - 9/16"	2.625"	1" - 14	3.2"	Aftermarket Jeep TJ and JK lower control arms
15742	15743	14mm - 9/16"	2.625"	1 1/4" - 12	3.2"	TJ and JK lower control arms

Part # Right Thread	Part # Left Thread	Bolt Dia (A)	Width (B)	Thread (C)	Thread Length (D)
15744	15745	3/8"	1.5"	1/2" - 20	2.9"
15746	15747	1/2"	2.0"	3/4" - 16	3.0"
15748	15749	16mm 5/8"	2.5"	1 1/4" - 12	2.8"
15750	15751	3/4"	3.250"	1 1/4" - 12	3.2"
15752	15753	12mm	40mm	3/4" - 16	2.9"
15754	15755	12mm	40mm	M18x1.5	2.9"
15764	15765	12mm	45mm	3/4" - 16	2.9"
15766	15767	12mm	45mm	M18x1.5	2.9"
15768	15769	12mm	47mm	3/4" - 16	2.9"
15770	15771	12mm	47mm	M18x1.5	2.9"
15772	15773	12mm	50mm	3/4" - 16	2.9"
15774	15775	12mm	50mm	M18x1.5	2.9"
15780	15781	12mm	57mm	3/4" - 16	2.9"
15782	15783	12mm	57mm	M18x1.5	2.9"
15784	15785	14mm	40mm	3/4" - 16	2.9"
15786	15787	14mm	40mm	M18x1.5	2.9"
15792	15793	12mm	44.5mm	3/4" - 16	2.9"
15794	15795	12mm	44.5mm	M18x1.5	2.9"

The US Touring Car Championship series is a torture test of equipment and only allows for minimal modifications. SPC has been associated with the USTCC for many years and is a sponsor of the successful 2023 USTCC Super Touring Champion, GoGo Racing Team. If SPC parts can thrive in this environment, they can most certainly handle the daily commuter race as well.



Ellsworth Racing relies on SPC products to be competitive in the popular Optima Ultimate Street Car Series.



### 15201 Rebuild Kit

Includes: Races, spring, O-rings, boot, boot retainer and cotter pins.



72120 - Spanner Wrench, pg 169

# TOOLS

## 87910



## ALIGNMENT TOOL BOARD

This board set gives technicians the tools needed to complete today's modern alignments quickly and efficiently. Contains our most popular tools, with a handy plastic peg storage board to keep all your alignment tools in one easy to reference location.

### BOARD INCLUDES ONE EACH OF THE FOLLOWING:

Tool Number	Page	Description
40860	161	Tie Rod Adjusting Wrech 12-14mm rods
40870	161	Tie Rod Adjusting Wrech 14-16mm rods
45938	163	Colorado/Canyon 4WD Alignment Socket
45940	163	GM Express Van Tool
74920	166	Cam Slot Punch 14 x 16mm
77350	167	Heavy Duty Tie Rod Tools
77880	167	Ford OE Sleeve Puller
81139	168	Magnetic Adj. Camber Gauge
83775	168	Cas/Cam Tool - 93 & Up F-Body
85127	169	3/8" Carbide Rotary File
85137	169	3/8" Rotary File for Aluminum
87560	170	Honda 24mm Toe Tool
99918	171	Wheel Spreader Bar - A must for Mercedes

## 27



## PITMAN ARM SEPARATOR

For use on most cars and some light trucks. The tapered wedge easily removes the pitman arm from the shaft with just a few sharp hammer blows. **DIMENSIONS:** 1" opening, 12" overall length.

## Slide Hammers/Pullers

### 498



### FRONT HUB AND AXLE PULLER

498 removes front hubs on vehicles with independent front suspensions. Remove screw and use it with 499 axle puller to remove axles in compact cars.

**498**

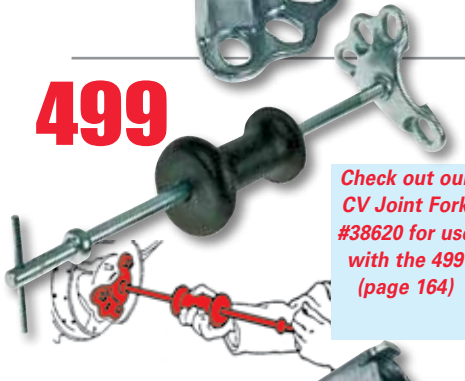
#### APPLICATIONS

Compact cars

#### SET INCLUDES

- 498-1 Yoke
- 498-2 Center screw
- 498-3 Jam nut

### 499



Check out our CV Joint Fork #38620 for use with the 499 (page 164)

### FLANGE TYPE AXLE PULLER

Flange Type Axle Puller can be used as a regular wheel puller or hub puller, as well as a flange type puller. The bolt circle range is from 4-1/2" to 5-1/2", which covers all cars and small trucks with flange type axles. The four slots allow this tool to be used on 4, 5, or 6 stud designs.

**499**

#### APPLICATIONS

All cars and small trucks with flange type axles

#### SET INCLUDES

- 499-1 Yoke
- 499-2 Center rod assembly
- 499-3 Jam nut
- 499-4 Hammer

### 4169



## SPANNER WRENCH

Thin walled spanner wrench designed specifically for installation and removal of OE and 23000 screw-in 4WD alignment sleeves.

**CAUTION:** Not for use with impact wrenches (air tools).

### APPLICATIONS

#### Dodge RWD:

1987 - 04 Dakota  
1998 - 03 Durango

## DODGE CAMBER TOOL

This wrench is specifically designed to access the hard to reach upper control arm bolts used to adjust caster/camber on RWD Dodge Durangos and Dakotas.



# 6140

### APPLICATIONS

Most compact/standard passenger cars and light trucks

## TIE ROD TOOL

Four position feature and 360° rotation lets you grip the sleeve properly, even with limited access. Fits most passenger cars and light trucks.



# 7023

## CHRYSLER/FORD CAMBER/CASTER TOOL

An excellent tool for fast camber-caster changes on most older Chrysler and Ford products w/SLA style suspensions.



# 8286

### 83707 Center Screw with Tip

**CAUTION: Not for use with impact wrenches (air tools)**

## 5" TIE ROD PULLER

Removes tie rod ends with a straight, fast, firm push. It has a 2-1/4" reach and a 2-1/2" spread. Also for pressing bushings.



# 8370



## HOSE CUTTER

This high quality hose cutter provides a straight, even, clean cut on heater, air conditioning, braided rubber or plastic hose up to 1-1/8" diameter.

### CUTS

- Any Plastic/Rubber Hose Up To 1-1/8" Outside Diameter
- Heater Hose
- Side Body Molding
- Windshield Channeling
- Non-Metal Air Brake Hose
- Fuel Line Hose
- Copper Wiring
- Heater Hose
- And More

10011 - REPLACEMENT BLADES 2 per pkg



# 10010

## BUSHING PRESS SLEEVES

The sleeves are designed to match the angle of the yoke on the axle housing to insure proper installation. Use with the 72509 Ball Joint Press (page 165).

23580 - To be used with our Dodge, Jeep and Ram Pin Joints (part # 23510, 23520, 23530, 23540 page 75).

23780 - For our Dodge/Ram Truck Pin Joints (part # 23800 - 23830 page 76).

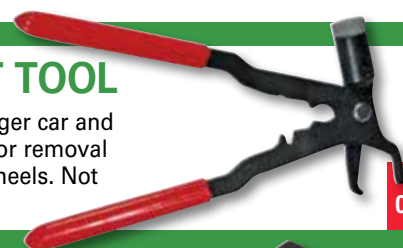


# 23580

# 23780

## WHEEL WEIGHT TOOL

The best tool for removing or installing passenger car and light truck wheel weights. Incorporates hooks for removal of wheel weights on many different types of wheels. Not for use on aluminum or decorative wheels.



# 37000

Removing or installing wheel weights on OTR Trucks? Check out Part #83125 (pg. 147)

## STEERING KNUCKLE SPREADER

Use this tool to safely and easily expand steering knuckles. Pry bars can damage the knuckle, but this tool allows safe expansion with the tool adjustment nut. Designed to operate within a 4.4 - 10mm range, this expansion tool will fit most makes and models.



# 37975



Applications  
Alignment Parts  
Heavy Duty  
OE Replacement  
Racing/Builders  
Tools  
Brake and CV  
Gear/Index

# Tools

## 37980

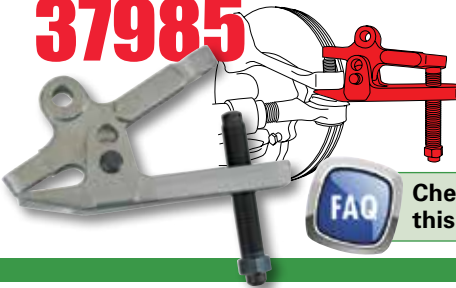


### STEERING KNUCKLE TOOL

Stop damaging steering knuckles by removing linkages or struts with pry bars, screwdrivers and hammers. Use the Steering Knuckle Spreader Tool to make quick work of tight and corroded steering knuckles by simply turning the threaded wedge assembly. This is a must for any technician performing suspension work, especially for those who see the Ford Taurus or BMW passenger cars. Blow molded case included.



## 37985



### 4-WAY BALL JOINT/TIE ROD SEPARATOR

This is the highest strength and most versatile ball joint removal tool on the market. The unique design of the forged 4-Way Ball Joint Separator allows the tool to be adjusted to remove ball joints of various heights, doing jobs that previously required multiple tools. Affordable, strong, and easy to use.



Check out online how to use this tool to remove wheel studs

## 37990



### BALL JOINT SEPARATOR

This heavy duty, drop forged alloy steel, lever-type ball joint and tie rod end remover provides good leverage action to remove stubborn tie rod ends or break ball joint tapers easily. Use when space prevents use of a direct action separator. The **37990** fits 3/4" openings.

## 37995



### MASTER BALL JOINT SEPARATOR SET

This master ball joint separator set from SPC is a must for any technician replacing ball joints, control arms, or tie rod ends on today's cars and SUVs. With four different opening sizes (24mm, 27mm, 31mm, and 36mm) a threaded height adjuster and two different sized forcing screws, this seven piece set is the most versatile on the market. From a Jeep tie rod end to a BMW X5 rear upper control arm, this set will have you covered. Packaged in a convenient blow molded case to help you keep track of your stuff.

## 38620



### CV JOINT FORK

When used with **#499** (page 162), this tool will pull most CV joints that use a hidden snap ring to hold them in the transaxle. Made to remove the axle assembly without damaging the transmission case or inside roller bearing.

For threaded rod - 5/8" x 18

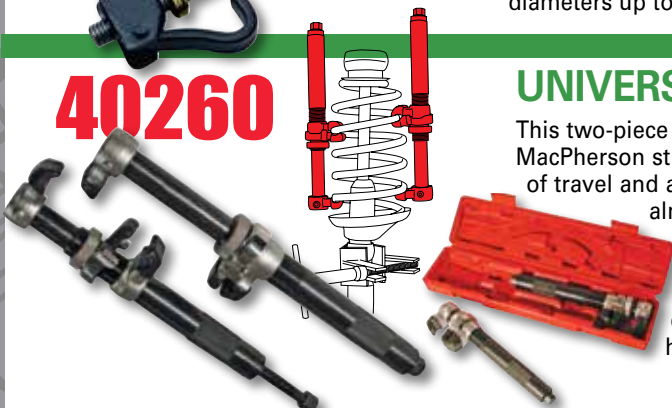
## 40250



### INTERNAL COIL SPRING COMPRESSOR

A handy chromoly steel compressor designed to fit inside most coil springs with an internally mounted shock. Will accommodate spring lengths from 8-1/4" to 14". It can be used on any coil spring with a minimum inside diameter of 3-3/8" to a maximum inside diameter of 5-5/8" and wire diameters up to 3/4". **Note: NOT for use on MacPherson struts or Fiat vehicles.**

## 40260



### UNIVERSAL SPRING COMPRESSOR

This two-piece internally threaded spring compressor is a great option for MacPherson strut, coilover, and other accessible springs. With 1" to 11" of travel and a 2,700 lb per pair max working load, this is an ideal tool for almost any spring. Vinyl coated ends protect the spring from damage, safety jaws keep the compressor stabilized on the spring, and the ball bearing load surface makes compression easy using simple hand tools. Use of both hooks per spring is required.



Applications

Alignment Parts

Heavy Duty

OE Replacement

Racing/Builders

Tools

Brake and CV

Gear/Index

## VALVE STEM PULLER

This easy to use valve stem puller protects the wheel and rim while you get the job done quickly. Simply screw the pivoting head onto the valve stem, slide the hard rubber protecting block to the edge of the wheel rim and remove the stem without rim scrapes or damage! Also works on 2 piece TPMS.



**40270**

## TIE ROD/BALL JOINT/PITMAN ARM TOOL

Five tools in one, this handy kit consists of three drop forged forks and two handles. One handle is for use with a hammer and one is designed to fit an air hammer. All forks are threaded to interchange with either handle. Comes with 3 forks of 11/16", 15/16" and 1-1/8" openings.



**40310**

## TIE ROD ADJUSTING WRENCH SET (4)

Every alignment tech needs this tie rod wrench set in their tool box. Adjust inner tie rods with this easy to use 4 piece wrench set. The wrenches feature spring loaded toothed jaws and sturdy grips to make toe adjustments quick and easy. This set of wrenches fits tie rods from 10.5 to 19mm. **Individual tools are also available:**



**40850** fits 10.5-12mm rods      **40860** fits 12-14mm rods  
**40870** fits 14-16mm rods      **40880** fits 16-19 mm rods



**40840**

## UNIVERSAL TIE ROD ADJUSTING TOOL

This economical tool fits most cars and light trucks with split tie rod sleeves. Double-end feature makes 360 degree turns possible.



**40900**

## Service Sets

### UPPER CONTROL ARM BUSHING 40910

Easily replace press-in type control arm bushings on many domestic and imported vehicles with this service set. Mechanical power screw quickly and easily removes worn bushings and installs them without damaging the control arm. Set includes C-Frame, screw assembly and all adapters to do the job quickly and correctly. **Packaged in a durable plastic case.**

**INCLUDES:**

**4427(3), 4428, 4429, 4430, 4431, 4432, 4433, 4434**

### TOYOTA CAM EXTRACTOR 40915

Use this press tool to remove stuck OE cam sleeves from Toyota trucks. The extended length forcing screw allows you to remove the sleeve without removing the steering rack. Recommend when installing our 25425, 25430, 25435, 25440, 25445 and 25450 replacement Toyota cams (page 79).

**INCLUDES: 4434, 44339**

### PERFORMANCE BALL JOINT PRESS 40920

This tool was specifically designed to remove the original equipment ball joints on smaller cars when installing SPC Performance's sliding ball joints. With this revolutionary design you can remove the ball joint from the front upper control arm without removing the arm from the vehicle, saving time and costs. **Packaged in a convenient blow-molded plastic case** this set comes complete with adapters for removing and installing stock or Specialty Product's sliding ball joints.



**INCLUDES (See right):**

**4433, 4434, 40923, 40925, 40927**

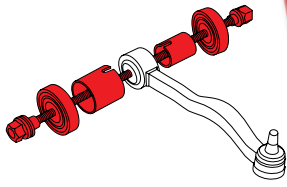


**40910**  
**40915**  
**40920**



- 40915**
- 4432**
- 4431**
- 4434**
- 4433**
- 44339**
- 4427**
- 4428**
- 4429**
- 4430**
- 4435** Cap
- 4427** U-Adapter
- 4428** 1/16" Thick Tube
- 4429** 1/18" Thick Tube
- 4430** 3/16" Thick Tube
- 4431** Forcing Head
- 4432** Receiving Socket
- 4433** Forcing Screw
- 4434** C-Frame      **40923** Adapter
- 4435** Forcing Screw Cap
- 40925** Adapter      **40927** Adapter
- 40929** C-Frame and Forcing Screw
- 44339** Sleeve Extracting Screw

## 40940



### BUSHING PRESS SET (29 PIECE)

Service a wide range of bushings with this versatile press set. Our 29 piece kit will allow you to efficiently remove and install bushings from 1-1/2" to 3" OD (36 - 80mm). Save time by servicing the suspension bushing on the vehicle vs. removing components to use a shop press. The kit uses long ACME threaded screws and bearing nuts to make manual pressing a snap.

**SET INCLUDES:**

**4 - ACME Threaded Spindles**  
M10 x P 1.5, M12 x P 2.0,  
M14 x P 2.0, M15 x P2.50

**3 - Plate adapters**  
**22 - 95mm Long Sleeves**  
Ranging in size from  
34mm ID to 80mm ID

Applications

Alignment Parts

Heavy Duty

OE Replacement

Racing/Builders

Tools

Brake and CV

Gear/Index

## 41000



### DELUXE WHEEL LOCK REMOVAL SET

This set safely removes and replaces GM, Ford and Chrysler wire wheel hubcap locks on 1978 and up vehicles. Variable drive keys will also fit Corvette, McGard hubcap locks and aftermarket wheel lug locks. Kit comes in a durable plastic carrying case with complete instructions. Replacement parts available.

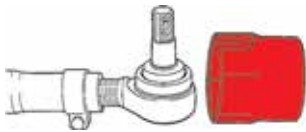
*Wear appropriate eye protection when using this tool.*

**SET INCLUDES:**

**BONUS!**  
**THIS WHEEL LOCK REMOVAL SET INCLUDES A DUAL SIDED LUGNUT REMOVAL TOOL THAT REMOVES DAMAGED OR ROUNDED O.E. STYLE LUGNUTS.**

- 40008** Punch
- 40010** Ford and Chrysler lock cylinder
- 40020** GM spline hubcap locks & triangular hubcap lock
- 40030** GM hubcap locks
- 40045** Stripped 18mm lugnuts/ Corvette, GM N&F body wheels
- 40065** Standard McGard wheel locks/ Oversized McGard wheel locks
- 40090** Large Diameter Chrysler Lock
- 40093** Socket installing driver
- 40095** Quick-Off Lugnut Removal Tool

## 41030



### TIE ROD TOOL

This 1/2" drive tie rod tool will allow the easy removal of tie rod ends on most cars and light trucks. The U-shaped slot measures 1" x 3/4".

*CAUTION: Not for use with impact wrenches (air tools).*

## 41110



### MASTER BALL JOINT ADAPTER SET

Expand the service capability of your ball joint press with this Master Ball Joint Adapter Set. This complete kit includes the adapters and receiving tubes needed to work on GM, Ford and Dodge two and four wheel drive trucks, vans and SUVs. Kit also includes a live center forcing screw for heavy duty applications.

**REPLACEMENT PARTS AVAILABLE:**

**RECEIVING TUBES:**

- 4159** 2.87 OD x 2.62 ID
- 4415** 2.50 OD x 2.25 ID
- 4416** 2.0 OD x 1.75 ID
- 4417** 2.5 OD x 2.25 ID
- 4418** 2.13 OD x 1.80 ID
- 4419** 2.5 OD x 2.25 ID x .75 AL
- 4420** 2.5 OD x 2.25 ID x 2.75 AL
- 4421** 3.0 OD x 2.75 ID
- 4422** 2.75 OD x 2.43 ID
- 4423** 2.50 OD x 2.20 ID
- 4424** REMOVER/INSTALLER - 1.50 OD x .82 ID
- 4425** INSTALLING TUBE - 2.0 OD x 1.82 ID
- 4426** RECEIVING CUP - 2.12 OD x 1.75 ID

### APPLICATIONS

**Buick:** 2010 - 19 LaCrosse  
2011 - 20 Regal

**Cadillac:** 2013 - 19 XTS

**Chevrolet 4WD:** 2004 - 12 Colorado

**GMC 4WD:** 2004 - 12 Canyon

**HUMMER:** 2006 - 10 H3

**Isuzu 4WD:** 2006 - 06 i-350  
2007 - 08 i-370

**CAUTION:** Not for use with impact wrenches (air tools).

## GM CAM BOLT SOCKET

# 45938



Many GM trucks and cars can be difficult to align because it is impossible to access the head of the cam bolt to adjust. This 3/8" drive socket fits over the end of the bolt allowing the technician to turn the alignment cams to change alignment angles after loosening the lock nut.

### APPLICATIONS

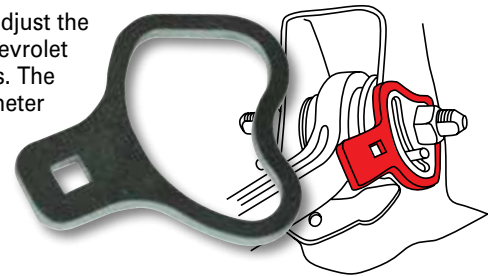
**Cadillac RWD/4WD:** 2002 - 20 Escalade

**Chevrolet/GMC RWD/4WD:**  
1999 - 18 1500 & HD Crew Cab  
1999 - 10 2500, 3500  
2002 - 13 Avalanche 1500, 2500  
2004 - 12 Canyon & Colorado  
2003 - 22 Express/Savana Van  
2000 - 20 Suburban, Tahoe, Yukon,  
Yukon XL (1500, 2500)

**Hummer AWD:** 2002 - 09 H2  
2006 - 10 H3, H3T

## GM TRUCK/VAN CAM ADJUSTING TOOL

# 45940



This wrench makes it easy to adjust the upper control arm cams on Chevrolet Express and GMC Savana vans. The tool surrounds the entire perimeter of each cam to provide a solid no-slip means to move the hard-to-reach and often rusty OEM cams.

### APPLICATIONS

**Chevrolet/GMC RWD/4WD:**  
2011 - 19 2500/3500  
2015 - 22 Canyon  
2015 - 22 Colorado

**NOTE:** Not for ZR2 models

## GM HEAVY DUTY TRUCK TOOL

# 45945



This wrench makes it easy to adjust the control arm cams on many modern GM and Chevy HD Trucks along with the new Colorado and Canyon. The tool surrounds the entire perimeter of each cam to provide a solid no slip means to reach the hard-to-reach and often rusty OE cams.



## MAGNETIC ANGLE GAUGE

This angle gauge is an easy, accurate way for measuring frame and drive shaft angles. An ideal tool to ensure the drive line angle is still within specification for raised and lowered vehicles.

Check out SPC's other gauges  
FasTrax™ Camber/Caster Gauge (page 176)  
and Universal Radial Run-Out Gauge (page 179)

Alignment equipment manufacturers are using frame angle input with their software for completing Caster specifications.

# 64225



### APPLICATIONS

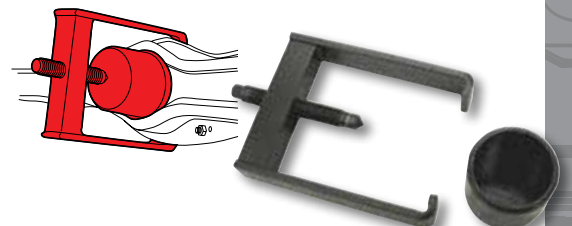
**Acura:** 1994 - 01 Integra

**Honda:**  
1988 - 00 Civic  
1988 - 92 CRX  
1992 - 97 Del Sol



## HONDA BUSHING EXTRACTOR

Easily and quickly remove and install rear trailing arm bushing in as little as 15 minutes per side vs. the factory "book" time of 1.8 hours per side. No need to remove the trailing arm from the vehicle or use a hydraulic press.



# 65100

# 66025



## CHRYSLER BUSHING PRESS SLEEVES

These adapter sleeves are designed to be used with the **40920** Performance Ball Joint Press (page 166). It is designed specifically to remove the stock rear control arm bushings and to install our Offset Rear Camber Bushings, Part No. **66050** (page 86) used on the newer Chrysler LX platform cars.

# 67647



## SUBARU/SCION TOE PRESS ADAPTER

The OE rear toe link bushing on many Subarus and the Scion FR-S can be easily removed when using the 67647 Bushing Press Adapter. Our Eccentric Toe Bushings (**#67660** page 100) can then be installed using the adapter and a **72509** Ball Joint Press (pg 169), **40920** Performance Ball Joint Press (pg 166), or equivalent.

# 68670



## REMOVABLE CUTTER ROTOR-BOR

Air drill driven tool made to cut out the spot welds holding the original equipment alignment plate to the top of strut towers. Once the plate is loosened caster and camber can be adjusted. Sold with 3/8" and 5/16" removable cutters. Use our "Cool Tool" cutting fluid, **85774** (page 173), for longer cutter life.



**68750**

Replacement cutters (3) - 3/8"

**68780**

Replacement cutters (3)- 5/16"

**CAUTION: Always wear safety glasses when using cutting or grinding tools and equipment.**

# 68880 68890



## CHRYSLER SOCKETS

These sockets are used on Chrysler products with screw in ball joints. They have a 3/4" square drive and are four-point, a perfect fit for our ball joints on page 159.

### APPLICATIONS

**68880** - 1-29/32" opening for Plymouth/Dodge

**68890** - 2-9/64" opening for Chrysler

# 69330



## HONDA CLEARANCE ARM SOCKET

This special 10 point socket is needed when removing the OE rear lower control arm on 2001 to 2005 Honda Civics, 2003 to 2011 Elements, 2002 to 2006 CRVs and 2002 to 2006 Acura RSXs.

Applications

Alignment Parts

Heavy Duty

OE Replacement

Racing/Builders

Tools

Brake and CV

Gear/Index

## 71909 TIE ROD TOOL KIT

This kit includes part numbers 71959 through 71999. It will allow adjustment of most cars and light trucks and also includes the two larger adjusting tools needed for the new Ford Super Duty pickups. Tools have a 1/2" drive opening that allows the use of a ratchet or breaker bar. Kit comes with a protective carrying case.

## 71959, 71969, 71979 TIE ROD TOOLS

These tie rod tools spread the tie rod adjusting sleeve for easier adjustment. You can use these tools with a breaker bar for additional power. With 1/2" drives.



### 71909 SET INCLUDES:

**71959, 71969, 71979, 71989, 71999**

**71959**

3/4" opening for compact cars

**71969**

7/8" opening for standard cars

**71979**

1-1/8" opening for light trucks

**71989**

1-7/16" opening for adjusting the center link sleeve on Ford Super Duty Trucks

**71999**

1-13/16" opening to adjust the drag link sleeve on Ford Super Duty Trucks

**CAUTION: Not for use with impact wrenches (air tools).**

## 71989, 71999 FORD SUPER DUTY TOOLS

These are the tools needed to adjust toe on the new Ford Super Duty Pickups. With 1/2" drives.

1-800-525-6505

Call for your nearest distributor, product info or Technical Assistance • In the USA and Canada

[www.specprod.com](http://www.specprod.com)

## APPLICATIONS

**Porsche:** Adjustable Arms  
Part No. 72610 pg. 115

**Muscle Car:** Adjustable Arms  
Part Nos. 97110, 97120, 97130,  
97140 pg. 141  
Part Nos. 97150, 97160, 97170,  
97180, 97190, 97260, 97300  
pg. 143

**Builder Ball Joints:** pg. 159

## SPANNER WRENCH 3/8" DRIVE

# 72120

This tool is a must when servicing rebuildable ball joints from SPC. The 30mm spanner wrench has 5mm pins and is specifically designed for SPC's Porsche arms, GM Muscle Car arms and Builder Series ball joints. Featuring a 3/8" square drive to make removing the ball joint retainer cap fast and easy, use this tool in conjunction with a torque wrench to set ball joint preload and stud turning torque to where you want it or on any project that uses this size spanner.



## RWD/4WD BALL JOINT PRESS

# 72509

Remove and replace ball joints without "brute force" methods that can cause costly damage. Now you can take on 4WD ball joint service in addition to servicing most cars. A forcing screw-powered press, used with proper adapters, easily removes and installs all press-fit ball joints (inc. GM plastic pin "U" type joints). In a durable plastic case.



### PACKAGE INCLUDES:

- 4437** Press
- 4438** Forcing Screw
- 29503** Receiver Tube, 3" OD x 2-3/4" ID
- 29504** Receiver Tube, 2-1/2" OD x 2-1/4" ID
- 29505** Receiver Tube, 2" OD x 1-3/4" ID
- 38354** 4WD Receiving Cup
- 38355** Installing Cup
- 204508** 4WD Installing Adapter
- 305227** Installing Adapter
- 305228** Removing Adapter



**NOTE:** Lubricate before use.

**CAUTION:** Not for use with impact wrenches (air tools).

## 1-1/8" PUNCH

This tool is used to cut holes necessary to install our **83115** camber kits. A must to ensure a good, round hole.



# 73010

## PITMAN ARM PULLER

Designed to handle the toughest job, the **73119** is adjustable and has special forged jaws shaped to fit the job. Positive grip allows this tool to do many other pulling jobs.

**CAUTION:** Not for use with impact wrenches (air tools).



# 73119

## LOW PROFILE PITMAN ARM PULLER

Save time and money on pitman arm removal jobs with this low-profile pitman arm puller tool. Made with forged steel jaws, the low profile design removes the need to remove the steering box. Specially designed to work with 1988-2000 GM trucks, this universal puller also works on many other pitman applications.

US Patent No. 9,085,068



# 73130

**SPC encourages new product requests, new application suggestions, and other ideas that techs and installers may have to improve and expand our product line. The GMC Express Van Tool (above) is one of our tech's ideas brought to market. Your idea could be the next best thing.**



**Techs Talk - We Listen**



# Tools

## 73140



### CLASS 8 PITMAN ARM POPPER

Working on heavy duty trucks often requires specialized heavy duty tools and this one-piece forged and heat treated tool delivers. Use this specially designed puller to remove Sheppard pitman arms for short sector and long sector shafts with a bolt or nut attachment. The heat treated pusher screw features fine threads and a ball bearing tip to make removal easier without damaging expensive steering box components.

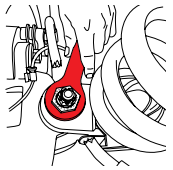
## 73150



### HD LOW-PROFILE PITMAN ARM POPPER

Save time and money on pitman arm removal jobs with this heavy duty low-profile pitman arm puller tool. Made with forged steel jaws, the low profile design removes the need to remove the steering box. Specially designed for work on 3/4 and 1 ton trucks of most makes and models. US Patent No. 9,085,068

## 74400 74500 74600

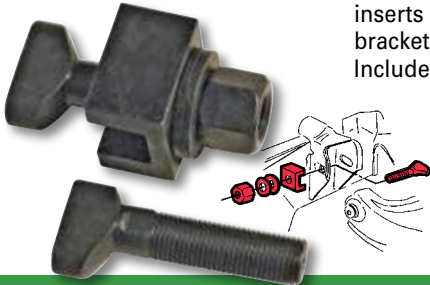


### ADJ. SLEEVE WRENCHES

These wrenches make presetting our adjustable truck sleeves (page 74) easier for the installer. When using the **74400** wrench it is recommended that the opening be equally positioned over the slot opening of the sleeve body.

- 74400 1-1/2" Open End**  
For **24160** - Holds outer bushing body and for **24180** - Holds inner eccentric sleeve.
- 72370** -- Holds outer eccentric sleeve.
- 74500 1-1/4" Box End**  
For **24120, 24130, 24180** - Adjusts the inner sleeve.
- 74600 Double Box End**  
For **24220, 24230** - Adjusts the inner sleeve.

## 74910



### KNOCK OUT PUNCH

A necessary tool for removing the alignment inserts on the upper control arm alignment brackets without damaging the bracket. Includes a center punch for the older GM vehicles.

- 74914** - Replacement Offset Punch.
- 74915** - Replacement Center Punch.

#### APPLICATIONS

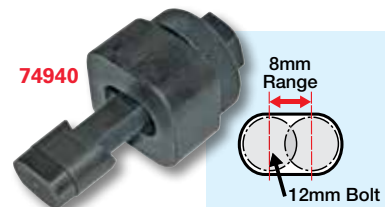
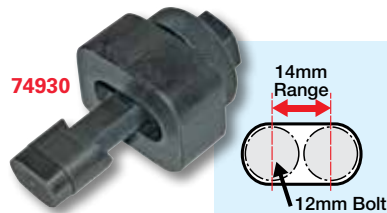
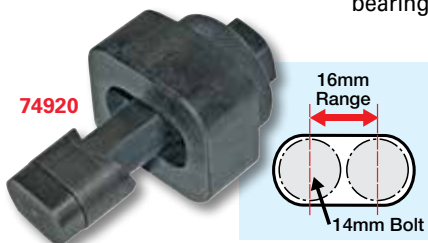
- Cadillac RWD/4WD:** 1999 - 01 Escalade
- Chevrolet/GM RWD/4WD:**
  - 1988 - 00 1500, 2500, 3500
  - 1992 - 94 Blazer (Full Size)
  - 1996 - 02 Express & Savana Van
  - 1988 - 91 Jimmy (Full Size)
  - 1992 - 99 Suburban; 1995 - 99 Tahoe
  - 1992 - 99 Yukon
- Chevrolet/GM AWD:**
  - 1990 - 01 Astro & Safari Van

## 74920 74930 74940

### PUNCH TOOLS

Use an SPC slot punch to elongate a hole and get the change you need. Whether the OE left you an upset that won't break out, didn't give you a large enough slot, or didn't give you a slot at all, use this high quality tool to quickly and easily punch one. Made on the USA with tight tolerances and high quality bearings these punches are built to last.

- 74920**  
14mm bolt / ±8mm offset
- 74930**  
12mm bolt / ±7mm offset
- 74940**  
12mm bolt / ±4mm offset



Applications

Alignment Parts

Heavy Duty

OE Replacement

Racing/Builders

Tools

Brake and CV

Gear/Index

## EZ SHIM™ CUTTER

This cutter, a must for properly cutting our EZ Shims™ (page 118), is a great tool for a variety of cutting needs. Its thin cutting blades help prevent breakage and waste.



**75915**

## HONDA ADAPTERS

Honda Adapter #75980 is used in conjunction with the 72509 Ball Joint Press (page 169) and are used with the 67465 Honda Civic Camber Kit on page 94. You need these adapters to push the old bushing out of the stock arm and also to install the new bushing included in the 67465 Kit.



**75980**

## MERCEDES PRESS SETS

These Mercedes Rear Bushing Press Adapter Sets are designed for quick, easy removal of the OE rear control arm bushings and for the insertion of SPC's new adjustable camber bushings. These tool sets are a must for any shop servicing Mercedes vehicles.

**75990** - For **28840** (page 83) includes adjusting wrench

**76000** - For **28850, 28855 and 28860** (page 83)



**75990**  
**76000**

## FORD SUPER DUTY TIE ROD SLEEVE ADJUSTER

This tool is specifically designed for use on the Ford Super Duty trucks as well as most other light trucks and vans. The extra long bar gives you maximum leverage to loosen rusted sleeves without injuring your knuckles. This 8 position tool allows 360° rotation without removing the adjuster block from the sleeve.



**77350**

### APPLICATIONS

**Dodge:** 2500 & 3500

**Ford:** Twin I-Beam w/upper and lower ball joints

**CAUTION: Not for use with impact wrenches (air tools).**

## FORD/DODGE/RAM COMBO SLEEVE PULLER

This sleeve puller will pull both OE and most aftermarket camber/caster sleeves quickly and efficiently, usually without damaging the ears of the sleeve. Heat treated high strength steel. Single-unit design with no loose parts.



**77880**



### APPLICATIONS

**Ford:** 2004-Up F-250, F-350 F-450

**CAUTION: Not for use with impact wrenches (air tools).**

## FORD SUPER DUTY TRUCK SLEEVE PULLER

This sleeve puller is designed to pull the OE Super Duty camber/caster sleeves quickly and efficiently, usually without damaging the ears of the sleeve. Heat treated high strength steel. Single-unit design with no loose parts.



**77885**



## 77928 BRAKE PEDAL DEPRESSOR

An adjustable steel plate extends the length of the bar to put constant pressure on the brake pedal.

## 77938 STEERING WHEEL HOLDER

A must for proper alignments. This tool securely holds the steering wheel and covered hooks and base prevent damage to the steering wheel or seat.



77938

*This product is not a locking device. Use with caution.*



77928

**77928**  
**77938**

*This product is not a locking device. Use with caution.*

# Tools

**79230**  
**79240**



## DEEP, THIN WALL FLIP SOCKETS

These 1/2" square drive impact sockets are deep and thin walled to reach areas conventional sockets can't. Each part number provides two sizes.

**79230** - 3/4" and 13/16"

**79240** - 19mm and 21mm

**81139**

## MAGNETIC ADJUSTABLE CAMBER GAUGE

The **81139** is inexpensive, portable, and very accurate. It has a simple leveling adjustment of  $\pm 3^\circ$ . Housed in a durable, non-magnetic casing with a magnetic head that attaches firmly to rotors or spindles.

**81134** Replacement Bubble Vial

**81133** Replacement Magnet



- Time/money saving device.
- Return a strut to its original camber after repair or replacement.
- Measure amount of camber change movement before reinstalling alignment heads during camber kit installation.
- Check the amount of camber change before reinstalling tire and wheel assemblies on trucks receiving offset alignment bushings.
- Check camber change before, during and after EZ Cam™ (page 119) installation, saving time and money!

**81309**

## STEEL WHEEL RIM STRAIGHTENING TOOL

For quick and easy removal of indentations on wheel flanges and rims of most vehicles. Allows proper tire seating, giving greater tire protection and durability. This tool is powder coated for added durability.

**83125**

## HEAVY DUTY WHEEL WEIGHT TOOL

This heavy duty wheel weight tool has a special grip hammer and pliers for removal and installation of truck wheel weights. If you are using steel wheel weights, instead of lead wheel weights, this is the tool for you!

**83775**

## GM ALIGNMENT TOOL

This tool allows for fine, accurate, easy adjustments of camber or caster on GM vehicles. No extra parts or cutting/grinding needed.

### APPLICATIONS

#### Adjust front camber/caster

**Cadillac:** 2003 - 08 CTS, CTS-V  
2004 - 09 SRX

**Chevrolet:** 1993 - 02 Camaro

**Pontiac:** 1993 - 02 Firebird, Trans Am

#### Adjust rear toe

**Buick:** 1979 - 93 Riviera

**Cadillac:** 1980 - 92 Eldorado, Seville

**Oldsmobile:** 1978 - 92 Toronado

**83785**

## GM CAMBER/CASTER TOOL

Save time and make adjusting front camber and caster a one-person job on popular GM platforms with this turnbuckle design tool. Simply attach the tool to the front lower control arms and dial in finite changes on GM mid-size SUV's, the Chevy SSR and the Cadillac CTS/CTS-V.

### APPLICATIONS

**Buick:** 2004 - 07 Rainer

**Cadillac:** 2003 - 13 CTS, CTS-V  
2005 - 11 STS  
2004 - 09 SRX

**Chevrolet:** 2004 - 06 SSR  
2002 - 09 Trailblazer

**GMC:** 2002 - 09 Envoy

**Isuzu:** 2003 - 07 Ascender

**Oldsmobile:** 2002 - 04 Bravada

**Saab:** 2005 - 09 9-7X



Applications

Alignment Parts

Heavy Duty

OE Replacement

Racing/Builders

Tools

Brake and CV

Gear/Index

### APPLICATIONS

#### Ford RWD/4WD:

2003 - 06 Expedition

#### Lincoln RWD/4WD:

2003 - 06 Navigator

## FORD SUV CAM ADJUSTING WRENCH

This steel wrench is specifically designed to adjust the **86640** Camber/Caster Kit (page 134). Plated for durability.

# 83820



## STEEL FILE SET 85125 Rotary Files

High quality carbide rotary files, ideal for elongating strut holes on many vehicles. Use when installing **82110**, **82120**, and **87350** adjusters. May be used with 1/4" or 3/8" drills at high speeds. Available individually. Use with **85774** Cool Tool cutting fluid (below).

#### INCLUDES:

**85126** - 1/4" Rotary File (Max. Operating Speed 9,000 RPM)

**85127** - 3/8" Rotary File (Max. Operating Speed 9,000 RPM)

**85128** - 5/8" Rotary File (Max. Operating Speed 7,000 RPM)



## 3/8" ROTARY FILE SET 85130

This rotary file set is ideal for every technician. Be ready to elongate slots in aluminum and steel frames and brackets to accept larger offset cams. Includes one **85127** rotary file for steel, one **85137** rotary file for aluminum, and cutting fluid (**85774**) to extend your rotary file's life.

## ALUMINUM FILE 85137

This 3/8" rotary file is specifically designed for Aluminum. Use it to quickly and cleanly expand cam slots in aluminum brackets and frames. It is an ideal tool to use when installing SPC Nissan and Infiniti Cams (pages 108, 109 and 111). Also is perfect when installing our Mustang Caster Bolts (page 113) and our Ford Crown Vic Front Cam Kit (page 134). Use with **85774** Cool Tool cutting fluid (below).



## COOL TOOL FLUID 85774

This fluid lubricates the single rotary files and **85125** and **85130** rotary file sets (above), and the **68670** Rotor-Bor (page 168) to reduce stress on the cutting teeth. This product is **highly recommended** to prolong the life of all cutting bits used on steel.

**CAUTION:** Always wear safety glasses when using cutting or grinding tools and equipment.



Check out SPC's Punch Tools to quickly elongate holes, page 166.

### APPLICATIONS

**Dodge RWD:** 1994 - 99 3500 Ram w/Mono

**Dodge 4WD:** 1994 - 99 2500HD, 3500 Ram

**Ford RWD:** 1990 - 90 Bronco II (Late 90)

1992 & Up E150, E250, E350, E450

2000 - 05 Excursion; 1987 - 96 F150

1998 - 13 F250, F350 Twin I-Beam

1987 - 98 F250, F350

**Ford 4WD:** 2000 - 05 Excursion

1999 - 04 F250, F350 Solid Axles/Leaf Springs

1992 - 98 F350 Crew Cab

**Ford RWD/4WD:** 1999 - 04 F450, F550

1991 - 94 Explorer

## TRUCK SLEEVE SOCKET 87175

This 1-1/2" socket is useful for adjusting both the OE and our popular **23130** and **23180** sleeve series (see page 77) for Ford and Mazda RWD and 4WD trucks with pinch bolt style suspension. For 1/2" drives.



### APPLICATIONS

**Ford:** 1986 - 07 Taurus Sedan

1986 - 94 Tempo Sedan

**Mercury:** 1986 - 07 Sable Sedan

1986 - 94 Topaz Sedan

## TAURUS & TEMPO REAR TOE WRENCH

This tool allows quick, precise, and profitable adjustments of OE rear toe on both sides of Ford and Mercury Sedans.



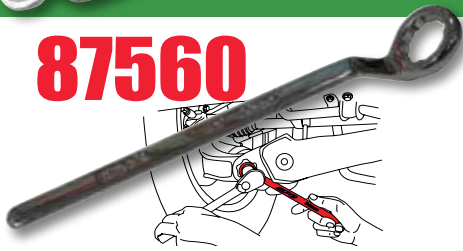
# 87530



## VW REAR SHIM WRENCH

Designed to remove the rear hub when installing our **71520** and **71530** Series Volkswagen shims (page 106). This wrench is a must in assisting the installer when using these camber and toe shims.

# 87560



## HONDA 24MM TOE ADJUSTING TOOL

This tool makes rear toe adjustment easy on many late model Hondas. The 24mm wrench can also be used on the new Acura ILX and Mini Coopers.

### APPLICATIONS

- Acura:** 2013 - 22 ILX
- Honda:** 2006 - 15 Civic  
2007 - 16 CR-V  
2003 - 11 Element
- Mini Cooper:** 2002 - 13 Cooper/  
Cooper S, Conv., Clubman

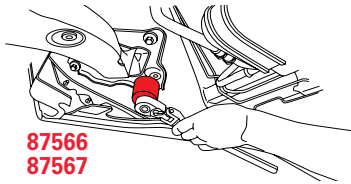
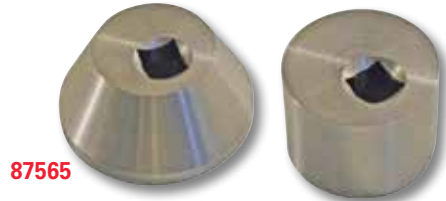
# 87565 87566 87567

## REAR TOE ADJUSTING TOOLS

Quickly and easily adjust rear toe with this tool from SPC. Simply use your 1/2" drive socket wrench to drive change on the rear toe adjustment brackets and save time on every alignment.

### APPLICATIONS

- 87565**  
**BMW:** 3-Series (E46) and Z4 models  
*Equivalent to BMW tool #83300493306 and Bosch tool #323030.*
- 87566**  
**MINI:** All Mini Series  
*Equivalent to BMW tool #83300494002 and Bosch tool #324200.*
- 87567**  
**BMW:** 3-Series (E36)  
*Equivalent to BMW tool #88-9180.*



# 87570

## AUDI REAR CAMBER ADJUSTING TOOL

This custom tool makes adjusting the OE camber cams on the rear of Audis a snap. Even with tires on and the suspension loaded you will be able to access and tighten the nut. The 87570 tool is angled to allow maximum access and clearance for rear camber adjustment.

### APPLICATIONS

- Audi:** 2009 - 16 A4/S4,  
A5/S5  
2012 - 18 A6  
2012 - 18 A7  
2011 - 18 A8



# 87575

## EUROPEAN ALIGNMENT CAM TOOL

Make adjusting rear camber and toe easier on many Audi, Volkswagen, BMW, and Porsche vehicles with this alignment cam tool. Featuring 21mm and 24mm socket sizes, this extra long tool features a thin profile and unique angles to make these hard-to-reach OE cam bolts easier to access.

### APPLICATIONS

- Audi:** 2009 - 16 A4/S4,  
A5/S5  
2012 - 18 A6  
2012 - 18 A7  
2011 - 18 A8



# 88325

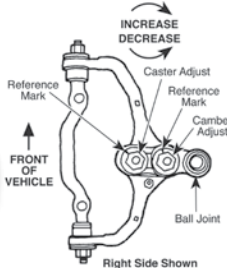
## CAMBER/CASTER WRENCH

This unique camber and caster adjustment tool fits full size RWD Ford vehicles. Starting in the early 90s Ford RWD vehicles required rotating a separate cam for each angle adjustment. To adjust caster/camber use the **88325** wrench to rotate the cam. This wrench also holds the cam to prevent slipping when tightening the lock nut.

### 1/2" Drive

### APPLICATIONS

- Ford:** 1992 - 02  
Crown Victoria
- Lincoln:** 1991 - 02 Town Car
- Mercury:** 1992 - 02  
Grand Marquis



## APPLICATIONS

**Dodge/Ram RWD/4WD:**

2008 - 18 4500, 5500

**Sterling Bullet RWD/4WD:**

2008 - 11 4500, 5500

## DODGE/RAM PIN JOINT ADJUSTING WRENCH

# 88360

The 2-3/8" flat hex wrench is designed to make the installation of the **23850**, **23852** and **23854** (page 73) Dodge/Ram pin joints quicker and easier. Use a 1-1/2" socket to hold your adjustment and then tighten the jam nut with this tool.



## Dual socket inner tie rod removal tool

Fits 1-3/16" or 1-5/16" hex. inner tie rod ends on Fords and Chryslers with TRW racks.

**1-3/16" hex tool** - for inner tie rod ends on Ford Escort, Tempo, Topaz, Lynx.

**1-5/16" hex tool** - designed for inner tie rod ends on 1986 - 07 Taurus/Sable.

**1-7/16" hex tool** - designed for GM Saginaw rack and pinions.

**CAUTION: Not for use with impact wrenches (air tools).**

## INNER TIE ROD END WRENCH SET

Set includes a Dual Socket Inner Tie Rod Removal Tool along with 1-3/16", 1-5/16" and 1-7/16" hex tools.

1-3/16" Hex    1-5/16" Hex    1-7/16" Hex



# 89000

Dual Inner Tie Rod Removal Tool

## SPC TAPE MEASURE

High quality 16' tape measure with SPC logo. Included in our Off-Road (91025) and Heavy Duty (91040) FasTrax™, this tape measure also works great for measuring toe with our standard (91000) and our Performance (91010) FasTrax™.



# 91045

## APPLICATIONS

**Ford:** 1986 - 05 Taurus Station Wagon

**Mercury:** 1986 - 05 Sable Station Wagon

## FORD STATION WAGON REAR TOE TOOL

Taurus and Sable Station wagons have a sprocket type cam to adjust rear toe. This tool engages the sprockets and allows the technician to turn the cam.



# 97650

## APPLICATIONS

**99361** extends 46-74 in. for light trucks & cars.

**99374** extends 39-60 in. for standard and compact cars.

## TOE MEASURING GAUGES

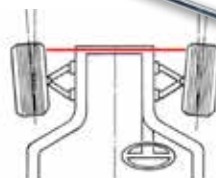
Spring-loaded gauges easily adapt to a variety of tread widths in order to give fast, accurate toe readings.



# 99361 99374

## WHEEL SPREADER

Take the play out of front wheels during alignment! Place this spring-loaded pressure bar between the tires to assure a more accurate alignment. **A must for Mercedes vehicles.**



# 99918

**91000**  
**91010**  
**91025**

## FASTRAX™ CAMBER/CASTER GAUGE

*This great tool is a must for all garages and shops -plus, it can't be beat at the track.*

Portable, hands-free alignment can be done quickly and easily with the **FasTrax™ Adjustable Camber/Caster Gauge**. This tool will help you fine tune your alignment for optimal tracking and handling while minimizing alignment headaches.

- Includes gauge and wheel mount.
- Displays Camber  $\pm 4^\circ$  / Caster  $-4^\circ$  to  $+12^\circ$ .
- Saves time and tires.
- Accurate, rugged and easy-to-use

**91025**

**91000** Standard - Fits wheels 13" to 17"  
*Optional Toe Adapter Kit (91100) sold below.*

**91010** Performance - Fits wheels 17" to 22"  
*Optional Toe Adapter Kit (91100) sold below.*

**91025** Off-Road - Fits Wheels 13" to 17"  
Align off-road wheels - tire sizes up to 44".  
Includes longer toe arms, bungie cord & tape measure.

**91030** No lip adapter  
A quick adapter to attach the FaxTrax to wheels without an outer "lip". Fits on the 91000, 91010 and 91025.

**91040** Heavy Duty - Fits Wheels 21" to 26"  
Perfect to add to your PMs - Check your alignment in just 5 minutes. Includes extra length toe arms, heavy duty tape measure and no lip adapters.

**91040 - See Page 151 for more**

**If you do these jobs at your garage - you need the FasTrax Camber/Caster Gauge!**

- **Install adjustable control arms**
- **Replace idler arms and tie rod ends**
- **Replacing struts**
- **Install adjustable bushings**
- **Collision repair estimates**
- **Frame straightening**

- We have a FasTrax for your use:**
- **Garage**
  - **Racing**
  - **Performance**
  - **Off-Road**
  - **Muscle**
  - **Semi's**



**SPC'S Alignguide™ is the perfect companion for our FasTrax.**

**91025**

**91100**

## FASTRAX™ TOE ADAPTER SET

Simply lower the toe arms and insert tape measure into slot. Then measure to opposite tire reference point for accurate and fast toe readings. Includes 2 arms and reinforcement blocks that install easily onto either the **91000** or the **91010**.

*For more convenience we recommend using two FasTrax with Toe Adapters (use one on each side of the vehicle).*



Applications

Alignment Parts

Heavy Duty

OE Replacement


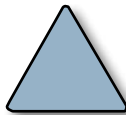


Racing/Builders

Tools

Brake and CV

Gear/Index

### Carbide Brake Lathe Inserts

Brake Lathe	Models	SPC Part #	Per Pack	OEM Part #	Cutting Edges	Description	Bits - Actual Size
<b>Accu-Turn</b>	8911, 8922, 8944, 8989, 8991, 8993	06005	5	433795	3	Positive rake carbide bit.	 <p><b>SPC Part #</b> 06005 06010 40702 40706 40710</p>
		06010	10	433796	3		
<b>All Tool</b>	747	06506	6		3	Positive rake carbide bit.	
		06510	10		3		
<b>Ammco</b>	1000, 1001, 3000, 4000, 4100, 7000, 7700 On-vehicle lathe 700, 705, 710 Drum side on 3850	06206	2	6914-2	12	Negative rake carbide bit.	
		06210	6	6914-6	12		
			10	6914-10	12		
	1000, 1001, 3000, 4000, 4100, 7000, 7700 On-vehicle lathe 700, 705, 710 Drum side on 3850	06610	10		12-18	Round bits for round tool holders.	
	3850, 4000, 7000, 7500 6900, 6950 Twin cutter/9381 Grinding Set	10306	6	7681-6	3	Positive rake carbide bit.	
<b>FMC- John Bean/ Barrett</b>	67BSD, 67DLX, 67GSA, 69DLX, 701ECF, 601PF FMC or Barrett 400, 500, 600, 700	40702	2	90487	3	Positive rake carbide bit with .020 radius. Left and right hand tool holders.	
		40706	6		3		
		40710	10	90488	3		
		10306	6	91212	3		
	500 Series On-The-Car Lathe	06206	2	90817	3	Negative rake carbide bit.	
	500 Series On-The-Car Lathe	06210	6		3		
			10		3		
<b>Hofmann/ RJ West</b>	True-Cut 400/401	40702	2	722-83-4	3	Positive rake carbide bit.	
		40706	6		3		
		40710	10		3		
	660	06210	6	6914-6	12		
			10	6914-10	12		
<b>Hunter</b>	BL500, BL501, BL505	06506	6	221-583-3	3	Positive rake carbide bit. For Rotors.	 <p><b>SPC Part #</b> 70210 90310</p>
		06510	10				
	201,205	70210	10	V302-07-167	12	Negative rake carbide bit.	
<b>Kwik-Way</b>	SDL, DL, 850 Disc Lathe, NDL, BDL, CBL Kwi-Lathe On-The-Car #108-0005-04 ROTUNDA, LINE-O-TRONICS	80206	6	109-1092-23	3	Positive rake carbide bits for rotor and drum.	
		80210	10		3		
<b>Performance</b>	66, 6600, 7100, 7200, 7600	06506	6	8711	3	Positive rake carbide bits for rotor and drum.	
		06510	10	8711	3		
<b>Perfect Equipment</b>	400 & 450 Twin Turn	40702	2	W139	3	Positive rake carbide bit.	
		40706	6		3		
		40710	10		3		
<b>Pro-Cut</b>	Warthog, PFM 9.2 DRO, PFM 9.1 DRO 610 On-The-Car Lathe	06906	6		3	Positive rake carbide bit for Ford.	 <p><b>SPC Part #</b> 06906 06910 80206 80210 70606</p>
		06910	10	50-742	3		
	610 On-The-Car Lathe	70606	6	50-701	3	Positive rake carbide bit.	
<b>Rels</b>	SW504 Swing Arm	80206	6	SW4236-15	3	Positive rake 15 degree carbide bit.	
		80210	10		3		
		90310	10	29687V	3		
	204C, 204D, 204S, 205DC, 415	06206	2		12	Negative rake carbide bit.	
	2000	06210	6	45001	12		
			10		12		
<b>RTI</b>	BRC500, BRC550 BRC35 On-The-Car Lathe	10306	6		3	Positive rake carbide bit.	
<b>Snap-On</b>	YA180, YA281	80206	6	BTK10A	3	Positive rake carbide bit.	 <p><b>SPC Part #</b> 06610</p>
		80210	10				
<b>Van Norman</b>	243XV, 204C, 204D, 204S, 205DC, 415	90310	10	129687 866561	3	Positive rake bit.	
<b>VGB</b>	610 On-The-Car Lathe	70606	6		3	Positive rake carbide bit.	



**Tech Tip:** Positive rake bits usually have 3 cutting edges, have a tapered shape to them, and are installed on a flat tool holder. Negative rake bits can have 12 cutting edges, are square with the edges, and are used with an angled tool holder.

## 00191

### RIGHT HAND TOOL HOLDER

Fits **AMMCO** Model 7000 Disc Rotor Lathe; 3000, 4000, 4100 Drum Lathes and **HOFFMAN** Model 660. Complete with one Carbide Insert No. 062.



3/8" Square Shank

## 00404

### RIGHT HAND TOOL HOLDER

Fits all **FMC/JOHN BEAN** Brake Lathes and **ACCU-TURN**. Complete with 1 Carbide Insert No. 407. **FMC/JOHN BEAN, ACCU-TURN**

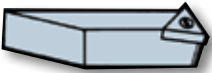


3/8" Square Shank

## 00192

### LEFT HAND TOOL HOLDER

Fits **AMMCO** Model 7000 Disc Rotor Lathe; 3000, 4000, 4100 Drum Lathes and **HOFFMAN** Model 660. Complete with one Carbide Insert No. 062.



3/8" Square Shank

## 00405

### LEFT HAND TOOL HOLDER

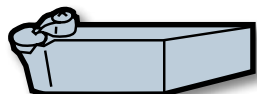
Fits all **FMC/JOHN BEAN** Brake Lathes and **ACCU-TURN**. Complete with 1 Carbide Insert No. 407. **FMC/JOHN BEAN, ACCU-TURN**



3/8" Square Shank

## 06700

### RIGHT HAND AND LEFT HAND TOOL HOLDERS



3/8" Square Shank

Fits **ALL TOOL, AMMCO, HUNTER, PERFORMANCE,** and **RELS.** Complete with Carbide Insert No. 06610. Number 06700 includes 2 holders, one right hand and one left hand, with one left and one right bit.

## Rotor Silencers



00050

## 00050

### ON CAR BRAKE LATHE SILENCER

Designed for **Pro Cut** on car lathes, this silencer fits on top of the cutting tools, deflecting chips and damping chatter.



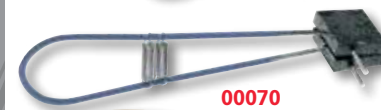
00069

## 00069

### VENTILATED DISC SILENCER

Fits any ventilated rotor and is made of natural rubber with metal weight inserts. It easily wraps around rotor to deaden vibration and chatter.

**DIMENSIONS:** 32" long.



00070

## 00070

### BENCH BRAKE LATHE SILENCER

This standard style silencer fits on top of the cutting tools, deflecting chips and damping chatter.



00080

## 00080

### DRUM SILENCER

**00080** drum silencer fits any passenger car drums. Made of natural rubber. It wraps around the drum and is secured with a buckle.

**DIMENSIONS:** 1-3/4" wide, 72" long



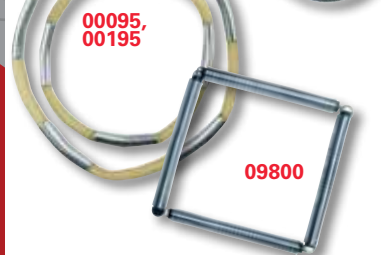
00094,  
00096

## 00094, 00096

### SILENCER BANDS

Large and small black rubber gasket-type silencer bands for solid rotors.

**DIMENSIONS:** **00094:** - 1/4" x 3/8" x 9" diameter      **00096:** - 1/4" x 3/8" x 6-1/2" diameter



00095,  
00195

09800

## 00095, 00195

### VENTILATED ROTOR DISC SILENCERS

Used on any brake lathe and with any ventilated rotor, they suppress vibration and noise. Segmented silencer is made of the finest latex rubber tubing with four (4) steel tubes to quiet chatter. Recommended for all disc resurfacing machines.

**DIMENSIONS:** **00095:** - 9" diameter      **00195:** - 7" diameter

## 09800

### SPRING LOADED SILENCER

Replacement for **Ammco 9800** Spring Loaded Silencer

## Specialty Products' parts, tools and accessories are available world wide!

Applications for many European, Asian and Latin American specific vehicles are available on our website. We also sell specific parts into these markets, such as our front upper adjustable control arms for the Isuzu D-Max (a popular SUV in Australia) and vehicle specific shims for the tuner/ modifier favorite, Renault Cleo, in Europe.



D-Max Front UCAs



Cleo Shims

# Brake & CV

## GAUGE FOR RUN-OUT SETS

This replacement gauge fits our stand-alone run out gauge (#64250 - below).



# 33174

## UNIVERSAL RADIAL RUN-OUT GAUGE

The Universal Radial Run-Out Gauge displays exact measurements for tire, wheel, and disc brake run-out. This gauge also measures ball joint and tie rod play and adjusts height to adapt to both automotive and heavy truck applications. This is a great tool when measuring those hard to reach areas.

# 64250



### Tire Radial Run-Out

- Measures out of round condition which can cause front end vibration
- Pinpoints high and low spots in the tire



### Brake Rotor and Hub Run-Out

- Measure brake rotor high spots and out of round
- Measure hub radial play



### Suspension/Ball Joint Play

- Measure kingpins, ball joints and tie rod end axial and radial play
- Use extender rods for hard to reach areas

### Wheel Lateral Run-Out

- Check for bent or out of round wheels
- Out of round wheels may cause a shimmy condition

Also measures ball joint play (set-up pictured) and tie rod play Please refer to Specialty Products Wheel Alignment Specifications Book (part #82022 psg 184) for ball joint specifications.



Machined roller & heavy duty tripod for smooth, accurate readings



Includes ball joint/ tie rod extenders

**Specialty Products carries a complete line of alignment parts, tools and accessories for OTR Vehicles**

From Tandem and Axle Shims to Wheel Centering Products SPC is your Heavy Duty Alignment Headquarters. See pages 144-151.



## 02099



### CV BOOT CLAMP INSTALLATION TOOL

Designed for the low-profile clamps used to hold C.V. Boots on FWD vehicles. The **02099** comes complete with a ratchet. We recommend using this tool when installing our **87365** Crown Victoria Camber Kit (page 134).



## 33001



### UNIVERSAL CV SOLID REPLACEMENT BOOT

Manufactured of Neoprene, the boots are resistant to oil, grease, water, drying, abrasion, and tearing. They are easy to install and fit most front wheel drive passenger cars and light trucks. Each kit includes boot, OE type grease, universal clamps, and easy installation instructions. One size fits most cars.

- Rapid Turnover
- Reduces Inventory
- Simple to Catalog
- Easy Ordering
- No Mix-ups
- Never Obsolete
- Saves Space
- Durable

## 33053 BOOT CLAMPS

Stainless steel replacement 19 inch bands in for securing the 33001 Uni-Fit boot.

**33053** – (Set of 10) - 19 in.

*Use our #02099 Boot Clamp (above) Installation Tool to make tightening these clamps easy!*

## 32012



### UNIVERSAL REPLACEMENT BOOT ECONOMY PACK (SET OF 12)

The Economy Pack is ideal for the shop that wants to save inventory dollars. Bulk buying saves you time and money by having the lowest possible price boots waiting on your shelf. No more waiting for delivery service, no missed sales.

**PACKAGE INCLUDES EVERYTHING NEEDED FOR CONTINUOUS SERVICE:**

*Use our #02099 Boot Clamp (above) Installation Tool to make tightening these clamps easy!*

**32012** - Uni-Fit CV Boots (12), Grease tubes (12), 18-1/2 in. Stainless steel bands (12), 7-1/2 in. Stainless steel bands (12), Instruction sheets.

## 33020



### UNIVERSAL STEERING BOOT (PAIR)

This one-size fits-all universal rack & pinion steering boot has been used throughout the world. It is made of durable, neoprene material that is oil, grease and water resistant. The kit includes two boots and four cable ties along with an installation cone which allows the replacement of the steering boot without removing the track rod end. Kit services both sides of the rack.

## 33021



### UNIVERSAL STEERING BOOT

This one-size fits-all universal rack & pinion steering boot has been used throughout the world. It is made of durable, neoprene material that is oil, grease and water resistant. The kit includes one boot and two cable ties along with an installation cone which allows the replacement of the steering boot without removing the track rod end.

## New! **AlignGuide™** Meet Specialty Products' Alignment App

**AlignGuide™, by Specialty Products Company, provides manufacturers' alignment specifications for makes and models since 1985 as well as information on service parts that are available to correct any problems.**

With AlignGuide, you will be able to **enter a vehicle's VIN, enter the license plate ID, or pull down the year, make & model** to get the information you need to diagnose and correct an alignment problem and many suspension issues. Once your vehicle and preferred specifications have been identified, you can quickly see illustrations of alignment adjustment methods and service parts to install.

### AlignGuide's specifications feature:

- Front Caster, Camber and Toe
- Rear Camber and Toe
- SAI and Turning Angle
- Suspension Height Specifications and Adjustment Illustrations
- Ball Joint Specifications
- Illustrated Methods of Alignment Adjustments

Take this mobile app and use it where you need it: your shop, the garage or at the track.

For more go online to [www.spcalignment.com/AlignGuide](http://www.spcalignment.com/AlignGuide) or go to your App Store and download your app today!



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[www.specprod.com](http://www.specprod.com)

Call for your nearest distributor, product info or Technical Assistance • In the USA and Canada

**1-800-525-6505**



### OFF-ROAD ADJ. ARM COUNTER MAT

off-road Adjustable Front Control Arm sales with our 'Demand Best' counter mat. This high quality counter mat features our popular adjustable upper control arms for Toyota, Ford, Nissan and Chevy. These arms are the industry standard and more and more off-road customers are adding this important component to their builds. 11" x 17"

## 20106



### HEAVY DUTY WHEEL CENTERING TOOLS COUNTER MAT

Create extra sales at the counter with this great teaching tool from SPC. This high quality mat explains the problems caused by off-centered wheel and the benefits of using our Wheel Centering Sleeves on one side and is a quick reference for our Tandem and Axle Shims on the other. 11" x 17"

## 20107



### "BENEFITS OF A PROPER ALIGNMENT" TIRE WEAR COUNTER MAT

Sell more alignments to your customers with this high quality counter mat which explains tire wear problems, alignment angles along with solutions and benefits of a proper four wheel alignment. This 2 sided mat describes the benefits of proper alignment and alignment angles on one side and **has a quick reference guide for our EZ Cams™ on the reverse.** 11" x 17"

**20107S** Our "Benefits" Counter mat is also available in Spanish! • Nuestros "Beneficios" Counter mat como también disponible en español!

## 20108



### "WHY DO YOU NEED A PROPER ALIGNMENT?" TIRE WEAR POSTER

All the alignment information from our popular Alignment Counter Mat (#20107), but in a large poster size. Perfect for fitting into standard retail store frames, this poster is a great selling tool for the front of your store. 22" x 35"

## 20109



### TIRE DISPLAY INSERT

Great for marketing at all tire sales locations! Remind your customer to extend the life of their tire investment!

Heavy Card Stock Display for Showrooms. Can be used as a Tire Insert (16" to 18" Tires), Ceiling Hanger or Wall Poster.

## 20110



### SPC REPLACEMENT PARTS MOUSEPAD

SPC's adjustable arms are the standard in adjustable alignment solutions, but they are also the perfect choice when replacing worn or damaged stock arms. Selling into the replacement market expands your market reach and can introduce techs to SPC's full line of parts.

## 20503



### EZ CAM™ EZ SIZER MAGNET

This magnet sticks on the installer's tool box, out of the way, and is a quick reference tool for measuring the right EZ Cam™ for the job!

**1-800-525-6505** Call for your nearest distributor, product info or Technical Assistance • In the USA and Canada

**www.specprod.com**

## S.A.I. DIAGNOSTIC GUIDE MAGNET

This informative magnet trouble shooting guide sticks on the installer's tool box, out of the way, and is a quick reference tool for understanding the effects of Steering Axis Inclination (S.A.I.) on alignment. This guide will help techs diagnose bent spindle assemblies and struts, determine if the top of the strut tower is correctly positioned, check if the control arms are bent and more.



### SIZES

#### PERFORMANCE - RED

- 63000M Medium
- 63000L Large
- 63000XL Extra Large
- 63000XXL X-Extra Large

#### INDIAN HEAD LOGO - BLACK

- 63010M Medium
- 63010L Large
- 63010XL Extra Large
- 63010XXL X-Extra Large

## SPC PERFORMANCE GOLF SHIRT

High quality red colored shirt with SPC Performance white logo embroidered on the front.



63000

## TRADITIONAL GOLF SHIRT

High quality black golf shirt with our traditional 'Indian Head' logo embroidered on the front.



63010

## SPC PERFORMANCE BALL CAP

Great looking ball caps with SPC Performance embroidered on the front. Black, mid profile, with a red and white SPC Performance logo. One size fits all.



63007

## SPC RETRO BAR STOOL

This custom backless bar stool is a perfect addition to any shop. 30" high with chrome legs and a Specialty Product Company logo imprinted on the vinyl seat. Some assembly required.



63012

### SIZES

#### SPC PERFORMANCE LOGO - BLACK/RED JACKET

- 66000M Medium
- 66000L Large
- 66000XL Extra Large

#### INDIAN HEAD LOGO - BLACK/RED JACKET

- 66010M Medium
- 66010L Large
- 66010XL Extra Large

## SPC JACKETS

These jackets are great for light outdoor wear with either our traditional Chief logo or the SPC Performance logo. 100% polyester woven shell bonded to a water-resistant laminated film insert and a 100% polyester microfleece lining.



66000

66010

*Note: Jacket availability may be different than pictured.*

## SPC SAFETY GLASSES

Popular safety glasses with wraparound lenses.

- Frameless, anti-scratch lenses for optimum vision.
- Guaranteed non-slip fit.
- 99.9% UV protection.
- Meets ANSI Z87.1+.



66015

### SIZES

- 66020S Small
- 66020M Medium
- 66020L Large
- 66020XL Extra Large

## SPC MECHANIC'S GLOVE

Gloves with a synthetic leather palm and Spandex padded top for form-fitting durability featuring reinforced thumb, index finger and fingertips with contact points for improved handling of objects.



66020

## 66065 63021



### SPECIALTY PRODUCTS COMPANY T-SHIRTS

Take your choice from two heavy duty t-shirts. Choose from a classic black 'tee' with our Indian Head logo printed on the front, or our SPC Performance 'tee' in black with a modern SPC Performance logo and SPC Performance graphic on the front.

#### SIZES

#### BLACK W/ INDIAN LOGO

- 66065M Medium
- 66065L Large
- 66065XL Extra Large
- 66065XXL X-Extra Large

#### SPC PERFORMANCE

- 63021 Medium
- 63022 Large
- 63023 Extra Large
- 63024 X-Extra Large

## 67001 67002 67008

### SPECIALTY PRODUCTS/ SPC PERFORMANCE VINYL

Vinyl stickers that proclaim you have the best in suspension parts. These stickers look great whether you use them for your quarter panel, bumper, side window or just to put on your tool box.



#### DIMENSIONS

- 67001 White cut vinyl - SPC Performance - 2" x 6"
- 67002 Red printing on White Base - SPC Performance - 1.5" x 5"
- 67008 SPC Performance Bumper Sticker - Red/Black 2.25" x 8.5"

## 70050



### WHEEL TORQUE CHART

Find out your correct torquing specs quickly and easily with this handy chart. Referenced by both car/truck make/model/year and torque stick color, this chart is the quick guide all techs need. 13" x 14.75".

## 82022



### 2013-2023 SPECIFICATIONS GUIDE

A must for every alignment tech, this spec book lists all major alignment angles for all vehicles from 2013-2023. Front caster, camber and toe, rear camber and toe, along with SAI and turning angle are presented in an easy to read format. Also included are illustrated factory adjustment methods, ball joint specifications and testing procedures, as well as chassis ride heights for many vehicles.

## 88034 88036



### 88034 TRADITIONAL BANNER

This 4' x 2.5' flag type installer banner is light weight and durable. Complete with grommets in all 4 corners, this banner is a great way to get out the word that your shop provides full alignment services, while informing the customer the benefits of having a full alignment service.



88034

### 88036 PERFORMANCE BANNER

No hiding with this 4' x 2.5' banner. In black and red, this light-weight SPC Performance banner lets everyone know that you have the best in performance alignment parts. Durable, with grommets in all 4 corners, this banner is a great way to get out the word that your shop knows performance alignment and suspension tuning.

88036

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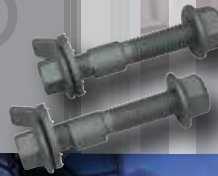
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