

Steps for Proper Disposal of Spring Brake Tandem and Piggyback Units



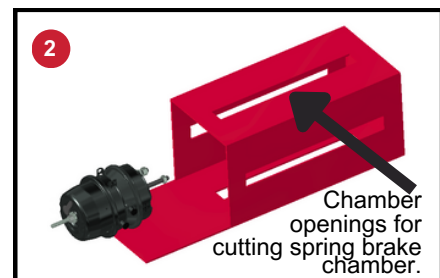
DISPOSAL INSTRUCTIONS

1 Block Vehicle Wheels

IMPORTANT: Block the wheels on your tractor or trailer before working on brake actuators. Once the wheels are blocked, cage the brake chamber, and remove it from the vehicle.

2 “The Box”

After removal, uncage the unit and place it inside a brake disposal container. TSE recommends using “The Box” for proper disarmament of the main spring. (For information on obtaining “The Box,” please contact TSE Brakes.) The pushrod may need to be cut to ensure the unit fits.

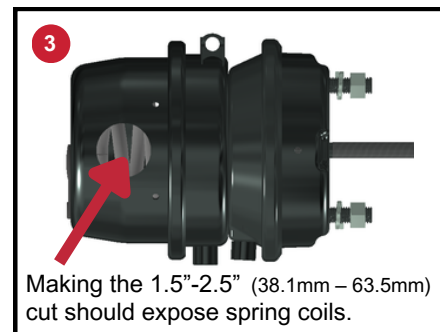


WARNING: The container needs to be strong enough to ensure it will prevent any parts from exiting the chamber in the event the chamber bursts during disarmament.

3 Cut Hole

After the unit is secured inside the container, use an acetylene gas torch to cut a small hole in the parking chamber, 1.5”–2.5” (38.1 mm–63.5 mm) in diameter.

WARNING: Before operating the acetylene torch, make sure that the proper safety equipment is worn.



4 Cut Coils

After making the initial cut, the spring coils should be exposed. Using an acetylene gas torch, cut the exposed coils. After the coils have been cut, use a screwdriver or similar tool to see if the coils move freely inside the brake. (NEVER PLACE FINGERS INSIDE THE CHAMBER.) If the coils move freely, continue to the next step. If not, continue cutting until the coils are loose.

5 Discard Chamber

Wait for the spring brake to cool before removing it from the chamber. Another option is to remove the brake from the container using welding gloves, then submerge it in water to quickly cool the brake. The chamber is now disarmed and can be discarded safely.