

**1997 Jeep Wrangler TJ**  
**ADJUSTABLE Rear Spare Tire Relocator Kit**    **JP790**

Kit for 33 12.50 Tires on 8.5 Wide Rims

- Tools needed: 1/2" socket or open end wrench  
3/4" deep well socket  
#30 torx driver  
two 7/8" open end wrenches or two adjustable wrenches that will open to 7/8"
- Parts in kit: Rear Spare Tire Relocator  
four 2-5/8" aluminum tubes  
four 5/16" x 3-1/4" stainless hex bolts  
eighteen stainless flat washers  
three 1/2" x 20 self locking nuts

**TIRE RELOCATER**

1. Remove factory spare; place Rear Spare Tire Relocator with the large oval hole at the bottom over the factory tire carrier studs. Install three 1/2" x 20 self locking nuts with a 3/4" deep well socket. Tighten to 90 ft. lb.

**3RD BRAKE LIGHT RISER**

2. Using a 13 mm wrench or socket, remove the four bolts that secure the brake light to the tire carrier. Let brake light hang by wire. To reinstall, insert stainless 3-1/2" long bolt through a stainless flat washer; then through the light bracket. Install another flat washer and then a 2-5/8" tube. Hold light in place and finger start into proper weld nut on tire carrier. Using the same sequence, start the remaining three bolts, washers and tubes. Once all are in place, thoroughly tighten with 13 mm wrench or socket.

**SPARE TIRE RUBBER STOPS**

3. Using a #30 torx bit, remove all five rubber stops from tailgate and body. Separate items as follows:  
10 flat washers  
4 adjustable extensions with 1-1/2" long adjuster nuts  
1 adjustable extension with 2-1/2" long adjuster nut

4. Using one stainless flat washer per extension, screw the four 1-1/2" short extenders into the tailgate where you removed the bump stops. Using the 7/8" wrench, tighten the base of the adjusters to the tailgate. Repeat using the 2-1/2" long adjuster and attach to body below tailgate and tighten.

5. Re-using the factory screws and torx bit, install the factory bump stops onto the adjusters, making sure to use a stainless flat washer behind each bump stop. Hand screw all adjusters to their shortest length.

6. Re-install spare tire. Using the 7/8" wrench screw the adjusters toward the tire until each bump stop pushes against the tire sidewall. Once all bump stops are against the tire, continue to screw the adjusters toward the tire until the bump stops are compressing into the tire approximately 1/8". Slightly more pressure is OK.

7. When satisfied with the adjustment, using the other 7/8" wrench tighten the jam nut against the adjuster nut.

The spare will tilt forward at the top. This is the way the kit is designed.