

# Jeep TJ - Front Coilover Kit Instructions





## PPM-5000 Jeep TJ Front Coilover Mount Kit

### **General Notes**

#### **Requirements:**

Fabrication and welding skills, grinder with cut off wheel, and a welder. A plasma cutter (or cutting torch) and other fabrication tools will make the install easier. This kit requires cutting and welding of the frame.



This kit requires cutting off part of the factory shock mounting brack and parts of the inner fender. You will also have to weld the new brack in place. Some under hood components may need to be relocated or repositioned. This kit is designed to use a 2.0 Fox or Sway-A-Way 12" Travel shock with a 3" lower bumpstop spacer (not included in the kit). A 14" travel shock can be used but up travel will be sacrificed.



## PPM-5000 Jeep TJ Front Coilover Mount Kit

### **Instructions**

- 1. Remove the front tires, wheels, shocks, springs, and any under hook components that may interfere with installation.
- 2. Mark the rear and the top of the stock shock mount as shown in the picture (Figure 1).

The finished cut should like Figure 2.

Note: **DO NOT** cut the bump stop mount off unless you are upgrading to our hydraulic bump stop kit (PP-PPM-5002).

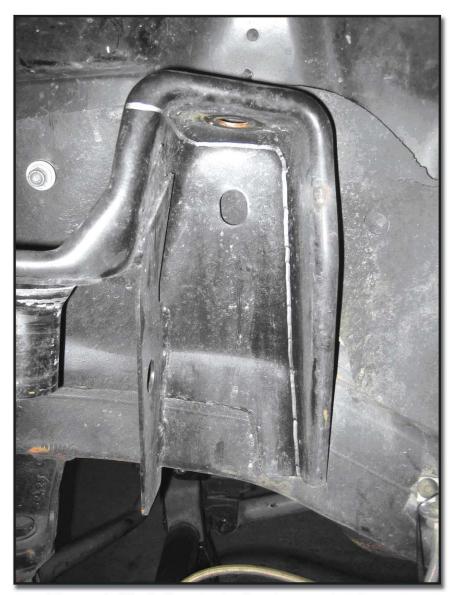


Figure 1: Mark the stock shock mount to be cut



## PPM-5000 Jeep TJ Front Shock Relocation Mount Kit

#### **Instructions**

3. Position the new shock mount bracket. This will provide a rough guide for cutting the inner fender. The hole only needs to be large enough to fit the shock mount. If your inner fender has been removed, ignore this step. See Figure 3.



Figure 2: Finished Cut

4. Clean off any paint around the edge of the shock mount where you will be welding. Clamp the shock mount in position. Bolt the over-engine cross bar to the shock mounts using the supplied 3 1/2" long bolts. The sharper bend of the cross bar should be positioned on the driver's side of the engine compartment. The shock bracket should be positioned as shown in Figure 4.



Figure 3: Fender cut for shock mount



## PPM-5000 Jeep TJ Front Shock Relocation Mount Kit

#### **Instructions**

- 5. Weld the shock bracket to the frame and coil bracket. Weld and let cool. Clean and Paint the bracket after it has cooled.
- 6. Position the lower shock mount on the axle. Clean the surface area around the new shock mount.

  Position the lower shock mount as shown in Figure 5.
- 7. Weld around the lower shock mount. Clean and paint the shock new shock bracket and axle.
- 8. Assemble the coilover shocks (or whichever shocks you



**Figure 4: Correct Shock Mount Position** 

- are using) using the supplied hardware. The 1/2" x 4 1/2" bolt fits in the upper mount, and the 1/2 x 2 1/2" bolt is used the lower mount. If your shocks have remote reservoirs, install them now using the supplied hose clamps.
- 9. Install the limit straps using the supplied 1/2" x 1 1/4" bolts.



## PPM-5000 **Jeep TJ Front Shock Relocation Mount Kit**

### **Instructions**

- 10. Washers are provided for the limit strap hardware.
- 11. Reinstall any under-hood components that may have removed. Some components may need to be relocated or repositioned.



**Figure 5: Lower Shock Mount Position** 

- 12. Make sure all bolts are snug. Make adjustments to the shocks, limit straps, and other items as necesary.
- 13. Enjoy your new shocks and bracket kit! Thank you for choosing Poly Performance.