

Rock Krawler 3.5 in. Front Coil Springs

Installation Time: 3 Hours

Tools Required:

- ✓ Ratchet (3/8 or 1/2)
- ✓ Ratchet Extension
- ✓ Torque Wrench
- ✓ Sockets/Wrenches: 3/4, 17mm
- ✓ Floor Jack
- ✓ Wheel Chocks
- ✓ Pry Bar
- ✓ Penetrating Fluid
- ✓ Macpherson Spring Compressor (Can be rented from most auto part stores)
- ✓ T55 Torx bit
- ✓ Masking Tape

Installation Instructions:

1. Park Jeep on flat ground, place wheel chocks behind rear tires and using a floor jack begin lifting the front axle off the ground.
2. Place jack stands under the frame (behind the lower control arm mount) and then remove the front tires using 3/4" Socket.



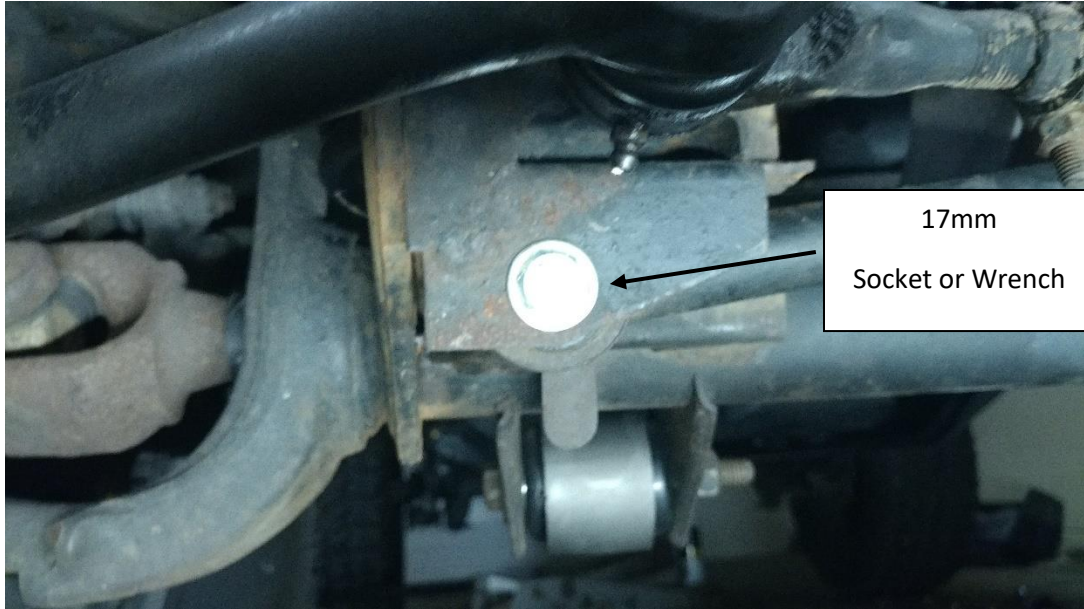
- Using a T55 Torx bit remove the front sway bar links from both points where it attaches to the axle. (This can be done with the wheels still attached)



- Begin to lower the front axle until it hangs freely by the control arms and the shocks. Make sure the jack stands are securely placed while it holds the Jeep's weight.
- Using a spring compressor, CAREFULLY compress the springs one by one and remove them from the Jeep. (This is done in similar fashion to the picture below, but for the springs on the Jeep)



- Optional: If more room is required to remove the springs either have another person push down on the axle. Or the track bar can be removed for more space.



- Once the old springs have been removed, the new ones can be inserted. The process is the same as removal. (Note: masking tape can be placed on the springs to help prevent scratching by the compressor)



- After the new springs are installed, jack the front axle up until the sway bar and track bar (if unbolted) can be reattached. Using the T55 Torx bit and the 17mm socket, respectively. Sway bar bolts are torqued to 40 ft-lbs. and the track bar bolt is torqued to 55 ft-lbs.
- Wheels can be put back on and torqued to 95-110 ft-lbs. Jack stands can be removed, and the Jeep can be lowered back to the ground.

Before:



After:

