

# TJ/XJ/ZJ Coil Springs Front Installation Instructions

Thank you for choosing Fat Bob's Garage lift kits. We recommend that all lift kits be installed by a certified professional that is knowledgeable of disassembly and reassembly procedures. Post installation checks are always recommended after installing aftermarket parts. Installing parts without proper knowledge and tools may jeopardize the integrity and safety of a vehicle, and Fat Bob's will not be accountable for improperly installed parts and vehicle damage.

Lifting a vehicle does cause the center of gravity to rise and rollover may become easier, always avoid situations where a rollover may occur and always wear seat belts. Larger tires will cause braking performance to decrease. Mixing of brands and lift components is not recommended.

## Tools needed:

13mm wrench & socket  
15mm wrench & socket  
18mm wrench & socket  
19mm socket  
Jack & Jack Stands

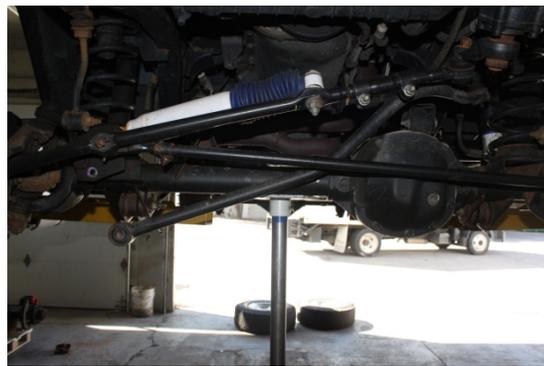
## Torque Specs:

Lower shock bolts: 17 ft/lbs  
Sway bar end links: 45 ft/lbs  
Track bar bolt: 40 ft/lbs  
Bump stop cup: 18ft/lbs  
Wheels lug nuts: 115 ft/lbs

1. Remove track bar bolt on passenger side of vehicle on the axle. Retain hardware for later use. **See Picture 1**



Picture 1



Picture 2

2. Block rear tires and raise the front of the vehicle, support by the frame using jack stands.
3. Remove front wheels and tires, support front axle with a floor jack. **See Picture 2**
4. Disconnect lower shock mounts.
5. Disconnect sway bar end links. Be careful not to break the links! Use penetrating oil on rusty bolts. Remove bottom hardware if it is easier. Newer model Wranglers and Grand Cherokees require the side of the sway bar to be struck with a hammer to free the end links.

**See Pictures 3 & 4.**



Picture 3



Picture 4

6. Remove spring clamps if vehicle is equipped with them.

7. Carefully lower the jack supporting the axle. Be careful not to overextend the brake lines and ABS lines on newer models.
8. Remove coil springs on Wranglers and Grand Cherokees. **See Pictures 5.**



**Picture 5**

9. Reinstall new coil springs in the same location as removed, and make sure springs are in the lower saddles properly. (A spring compressor can ease this process but is not required.)
10. Raise the axle and reconnect the sway bar end links and lower shock mounts.
11. Install wheels and tires and lower vehicle onto the ground.
12. Reconnect the track bar. This can be tricky and requires two people. Have a friend turn the steering wheel slowly, while you align the axle holes with the track bar holes and tighten.
13. Get your vehicle aligned and enjoy your Fat Bob's Garage lift!

## TJ Rear instructions

Thank you for choosing Fat Bob's Garage lift kits. We recommend that all lift kits be installed by a certified professional that is knowledgeable of disassembly and reassembly procedures. Post installation checks are always recommended after installing aftermarket parts. Installing parts without proper knowledge and tools may jeopardize the integrity and safety of a vehicle, and Fat Bob's will not be accountable for improperly installed parts and vehicle damage.

Lifting a vehicle does cause the center of gravity to rise and rollover may become easier, always avoid situations where a rollover may occur and always wear seat belts. Larger tires will cause braking performance to decrease. Mixing of brands and lift components is not recommended.

### Tools needed:

15mm wrench & socket  
18mm wrench & socket  
19mm socket  
Jack & Jack Stands

### Torque Specs:

Lower shock bolts: 32 ft/lbs  
Sway bar end links: 45 ft/lbs  
Bump stop cup: 18ft/lbs  
Wheels lug nuts: 115 ft/lbs

1. Block the front tires and raise the rear of the vehicle. Support by the frame using jack stands.
2. Remove rear tires and wheels and support the rear axle with a floor jack. **See Picture 1**



Picture 1

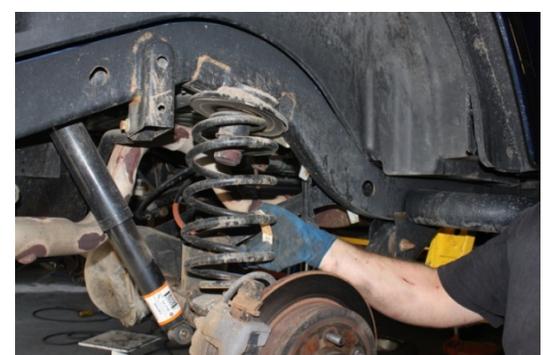


Picture 2

3. Disconnect the sway bar end links. Disconnect lower shock mounts. **See Pictures 2&3**



Picture 3



Picture 4

4. Lower rear axle and remove coil springs. Be careful not to over extend brake lines. **See Picture 4**
5. Reinstall coil springs in the same location as removed, and make sure springs are in the lower saddles properly.
6. Raise the rear axle and connect the sway bar end links and lower shock mounts.
7. Install the wheels and tires and lower the vehicle to the ground.
8. Get the vehicle aligned and enjoy your new Fat Bob's Garage lift!