

TJ/XJ/ZJ 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.

- Carefully lower the jack supporting the axle. Be careful not to overextend the brake lines and ABS lines on newer models.
- Remove coil springs and bump stops on Wranglers and Grand Cherokees. On Cherokees the bump stop and cup are one piece, and can be removed by turning the cup, using channel lock pliers. Other models the shaft and the bump stop are small enough to simply slide the spacer over. **See Pictures 5 & 6.**



Picture 5



Picture 6

- Remove the Bump stop cup. **See Picture 7**
- Install front lift spacers. A rubber mallet can be used to ease installation. If installing 2" spacer leave in factory isolator, if installing 3" spacer remove the factory isolator. **See Picture 8**



Picture 7



Picture 8

- Reinstall bump stop cups and rubber bump stops. **See Picture 9**



Picture 9



Picture 10

- Reinstall 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.) **See Picture 10**
- Raise the axle and reconnect the sway bar end links and lower shock mounts.
- Install wheels and tires and lower vehicle onto the ground.
- 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.
- 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. Remove bump stops from cups, remove bump stop cups. **See Picture 5**



Picture 5

6. Install bump stop cup into lift spacer. A rubber mallet can be used to ease this process. The bump stop cup should be flush in the spacer. **See Pictures 6 & 7.**



Picture 6



Picture 7

7. Reinstall the bump stop cup and spacer, and then install the bump stop into the cup. **See picture 8**



Picture 8



Picture 9

8. Reinstall coil springs in the same location as removed, and make sure springs are in the lower saddles properly. **See picture 9**
9. Raise the rear axle and connect the sway bar end links and lower shock mounts.
10. Install the wheels and tires and lower the vehicle to the ground.
11. Get the vehicle aligned and enjoy your new Fat Bob's Garage lift!

ZJ 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: 26 ft/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. **See picture 2**
4. Disconnect lower shock mounts. **See picture 3**



Picture 3



Picture 4

5. Lower the rear axle and remove coil springs. Be careful not to overextend brake lines. **See picture 4**
6. Remove and discard the stock rubber isolator. If doing a 2" kit slide the spacer over the stock spring shaft. On a 3" kit slide the spring shaft extender over the stock shaft, then put the spacer on the spring shaft. **See picture 5 & 6.**



Picture 5



Picture 6

7. Reinstall the coil springs and make sure the springs are seated properly. **See picture 7.**



Picture 7

8. Raise the rear axle and connect the sway bar end links and lower shock mounts.
9. Install the rear wheels and tires and lower the vehicle to the ground.
10. Get the vehicle aligned and enjoy your new Fat Bob's Garage lift!