



## Installation Instructions Jeep JLT 2 ½” Lift Kit

### Questions, Technical Support, Warranty:

Phone: (801) 499-5170

Email: [WWW.FATBOBSGARAGE.COM](http://WWW.FATBOBSGARAGE.COM)

Thank you for choosing Fat Bob's Garage lift kits.

**IMPORTANT:** The net amount of ride height increase depends upon the age and use of the vehicle, wheel offset, and numerous other factors.

**READ ALL THE INSTRUCTIONS BEFORE BEGINING THE INSTALLATION:** Check the kit hardware against the parts list. Be sure you have all the needed parts and understand where they go. If anything is missing, do not proceed with the installation, call customer service to obtain needed items.

**WARNING:** Do not install this kit without the proper tools or on a flat surface. Vehicle may be too heavy for discount jack and small jack stands (verify rating). Even slightly sloped driveways are too dangerous to attempt installation on vehicles.

**BEFORE YOU INSTALL:** Make sure you have all the recommended tools, a flat work area and adequate lighting. Resist the urge to use tools that aren't up to the task.

### Required Tools

✓	Qty	Tool
	1	Floor Jack
	2	Jack stands
	1	Torque Wrench
	1	Safety Glasses

**NOTE:** Various types of tools are available, however, due to the extreme loads present in four-wheel drive suspension systems, we have found the two-jaw style tool that clamps to the crossmember tends to slip and damage the crossmember. A C-clamp style tool is preferred and available through tool companies such as OTC and Kent Moore.

Some models may require the front isolators be trimmed in order to install the front spacers.

We recommend a certified technician install this system. In addition to these instruction, professional knowledge of disassemble/reassembly procedures as well as post instructions checks must be known. Attempts to install this system without this knowledge and expertise may jeopardize the integrity and/or operating of the vehicle.

### Required Misc. Items

✓	Item
	OE Service Manual
	Grease
	Thread Locker (red)
	Paint Pen or White Permanent Marker

**NOTE:** Thread locker should be used on all fasteners without a locking feature.

**Product Use Information**

A general rule, the taller a vehicle is the easier it will roll. We strongly recommend, because of rollover possibility, that seat belts and shoulder harness be worn at all times. Avoid situations where a side rollover may occur.

Braking performance and capabilities are decreased when significantly large/heavier tires and wheels are used. Take this into consideration while driving, also, speedometer recalibration is necessary when larger tires are installed.

Do not add, alter, or fabricate any factory or after-market parts which increase vehicle height over the intended height of the product purchased. Mixing component brands, lifts, and/or combining body lift with suspension lift voids all warranties. Manufacturer makes no claims regarding lifting devices and excludes any and all implied claims. We will not be responsible for any products that is altered.

**Notice to Dealer and Vehicle Owner**

Any vehicle equipped with any Aftermarket Product installed may have unique handling characteristics. Vehicle should have a "Warning to Driver" decal installed on the inside the windshield or on the dashboard to remind the vehicle operator of the unique handling characteristics.

**INSTALLING DEALER:** It is your responsibility to install a warning decal and forward these instructions on to the vehicle owner for review and to be kept in the vehicle for service life.

After installation occurs, a qualified alignment facility is required to align the vehicle to factory specs.

<b>Bill of Materials</b>			
✓	Qty	Qty	Description
	2		Front Coil Spacers
	2		Rear Coil Spacers
	2		Rear Brake Line Relocation Brackets with hardware

**Front**

1. Block Rear wheels jack up the front of the vehicle and support with jack stands so that the front wheels are off the ground.
2. Remove both front tires.
3. Support front axle with jack and remove the sway bar link bolts. Retain hardware for later.
4. Remove lower shock bolt.
5. Remove brake line support from frame and retain hardware for later.
6. Lower jack supporting axle so there is enough room for the coil spring to be removed.
7. Remove the coil spring and isolator.
8. Slide the new spacer over the bump stop
9. Reinstall factory spring and make sure spring is turned all the way to the spring stop.  
Note: Some models may require trimming to the stock isolator to fit spacers.
10. Raise the axle back up into position and reinstall the lower shock bolts.
11. Reinstall tires and lug nuts and tighten.
12. Remove jack stands and jack and set jeep on the ground. Connect sway bar using stock hardware. (Sway bar must be connected with jeep on the ground) Make sure all hardware is tight and check periodically.

## Rear

1. Block the front wheels and jack the jeep up and support it with jack stands on the frame so the rear wheels are off the ground.
2. Remove the rear tires.
3. Support the rear axle with the jack
4. Remove the lower shock bolts
5. Remove lower sway bar bolts and retain hardware for later.
6. Remove brake line support from frame and retain hardware for later.
7. Lower the axle down so that the coil spring and isolator can be removed. (Make sure not to over extend the ABS brake line.)
8. Install the isolator into the coil spacer and place on the coil spring
9. Raise axle slightly so that coil spring seats in place and springs will not fall out of place.
- 10-Reinstall the lower sway bar end links.
10. Install lower shock bolts.
11. Install brake line relocation brackets using stock bolts and new ¼" X 1" bolt with nut.
12. Reinstall tires and tighten lug nuts and set the jeep on the ground.
13. Check all fasteners for proper torque, test brake system before driving to ensure it is working properly, and get the jeep professionally aligned.

### Post Installation:

- 1. Fastener torque:** Check all fasteners for proper torque. Check to ensure for adequate clearance between all rotating, mobile, fixed, and heated members. Verify clearance between exhaust and brake lines, tire sidewalls, fuel lines, fuel tank, floorboards and wiring harness. Check steering gear for clearance. Test and inspect brake system. Mark all fasteners using a paint pen or permanent marker by putting a stripe across the fastener head down to and on the adjacent mounting surface providing a visual cue to fastener movement.
- 2. Steering sweep:** Perform steering sweep to ensure front brake hoses have adequate slack and do not contact any rotating, mobile, or heated members. Inspect rear brake hoses at full extension for adequate slack. Failure to perform hose check/ replacement may result in component failure.
- 3. Head lights:** Perform head light check and adjustment.
- 4. Inspection and Re-torque:** Re-torque all fasteners after 500 miles and then every 1000 miles. All components must be Inspected by a qualified professional mechanic at least every 3000 miles.
- 5. Alignment:** Lifted and leveled vehicles require an alignment to factory specifications. An alignment by a proper technician is a safety requirement and may save hundreds of dollars in the tire ware.
- 6. Test Drive:** Lifted and leveled vehicles have a higher center of gravity. While these kits allow the installation of larger wheels and tires your vehicle will ride and drive differently. Please take time to adjust to the new vehicle ride and handling. Check all work after the test drive and as a part of regular maintenance.

**CA Residents:** WARNING: Cancer and Reproductive Harm-[www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)