



INSTALLATION INSTRUCTIONS

K4241M		3" JEEP GLADIATOR JT LIFT KIT
1	FTS24245	3" COIL KIT BOX
1	FTS24321	3" JT COMPONENT BOX
1	FTS24320	FRONT LOWER CONTROL ARM BOX
1	FTS24319	FRONT ADJUSTABLE TRACK BAR
1	FTS24322	SWAY BAR ENDLINK KIT
2	FTS6410	FRONT STEALTH SHOCK
2	FTS6333	REAR STEALTH SHOCK

K4241DL		3" JEEP GLADIATOR JT LIFT KIT
1	FTS24245	3" COIL KIT BOX
1	FTS24321	3" JT COMPONENT BOX
1	FTS24320	FRONT LOWER CONTROL ARM BOX
1	FTS24319	FRONT ADJUSTABLE TRACK BAR
1	FTS24322	SWAY BAR ENDLINK KIT
2	FTS801402	FRONT DIRT LOGIC SHOCK W/ RESI
2	FTS804502	REAR DIRT LOGIC SHOCK W/ RESI

2020-2026 JEEP GLADIATOR (JT) 3" LIFT KIT

NOTE: TO ORDER WEARABLE REPLACEMENT COMPONENTS DO NOT USE PART NUMBERS SHOWN ON THIS INSTRUCTION SHEET. GO TO FABTECH WEBSITE AND LOOK UP WEARABLE REPLACEMENT PARTS TO FIND THE PROPER PART NUMBER TO ORDER.

Fabtech Motorsports | 2213 Industrial Park Rd. Lancaster, SC 29720

Tech Line: 909-597-7800 | **Web:** www.fabtechmotorsports.com

FTS24245		3" COIL BOX
1	FT50600	3" DUAL RATE COIL (DRIVER FRONT)
1	FT50601	3" DUAL RATE COIL (PASS FRONT)
1	FT50752	3" DUAL RATE COIL (DRIVER REAR)
1	FT50754	3" DUAL RATE COIL (PASS REAR)

FTS24320		FRONT CONTROL ARM BOX
1	FT50998	DRIVER FRONT LOWER CONTROL ARM
1	FT50999	PASS FRONT LOWER CONTROL ARM

FTS24319		FRONT ADJUSTABLE TRACK BAR BOX
1	FT50992	FRONT TRACK BAR

FTS24321		3" COMPONENT BOX
2	FT50932	COIL CORRECTION ISOLATOR
1	FT50912	DRILL GUIDE
2	FT50164	FRONT BUMPSTOP SPACER
1	FT50766	HARDWARE KIT
1	FT89910	SLEEVE PACK
2	FT50770	REAR BUMP STOP
2	FT50060	NUT TAB

FTS24322		SWAY BAR ENDLINK BOX
2	FT50996	FRONT SWAY BAR ENDLINK
2	FT50997	REAR SWAY BAR ENDLINK

FT50766 - HARDWARE KIT		LOCATION
6	M12-1.50 X 70MM HEX BOLT	SWAY BAR LINKS
4	7/16" USS WASHER	
6	12MM FLAT WASHER	
4	M12-1.50 C-LOCK NUT	
2	1/2"-13 x 3-1/2" BOLT	FRONT BUMPSTOP
2	1/2" SPLIT LOCK WASHER	
2	3/8-16 X 1-1/4" HEX BOLT	
6	3/8" SAE WASHER	
4	3/8-16 NYLOCK NUT	
4	5/16-18 x 1" BOLT	REAR BUMPSTOP
8	5/16" SAE FLAT WASHER	
4	5/16-18 C-LOCK NUT	
2	5/16-18 X 1" HEX SELF TAP BOLT	
1	THREAD LOCKING COMPOUND	

- TOOL LIST -

Required Tools (Not Included)

Basic Hand Tools
Floor Jack
Jack Stands
Assorted Metric and S.A.E sockets, and Allen wrenches
Torque Wrench
Die Grinder w/ Cutoff Wheel or Sawzall

- PRE-INSTALLATION NOTES -

For technical assistance call: **909-597-7800** or e-mail: **info@fabtechmotorsports.com**

READ THIS BEFORE YOU BEGIN INSTALLATION -

Check all parts to the parts list above before beginning installation. If any parts are missing contact Fabtech at 909-597-7800 and a replacement part will be sent to you immediately.

This suspension and shocks have been designed to be installed on a stock vehicle.

Read all instructions thoroughly from start to finish before beginning the installation. If these instructions are not properly followed severe frame, driveline and / or suspension damage may occur.

Check your local city and state laws prior to the installation of this system for legality. Do not install if not legal in your area.

Prior to the installation of this suspension system perform a front end alignment and record. Do not install this system if the vehicle alignment is not within factory specifications. Check for frame and suspension damage prior to installation.

The installation of this suspension system should be performed by two professional mechanics. This suspension must be installed with Fabtech shock absorbers.

Installation of all fasteners requires the use of provided thread locking compound with proper torque values as indicated throughout the installation. Apply thread locking compound upon the final torque of the fastener.

WARNING- Installation of this system will alter the center of gravity of the vehicle and may increase roll over as compared to stock. Extreme care should be taken to operate the vehicle safely at all times to prevent rollover or loss of control resulting in serious injury or death.

Vehicles that receive oversized tires should check ball joints, uniballs, tie rods ends, pitman arm and idler arm every 2500-5000 miles for wear and replace as needed.

Verify differential fluid is at manufactures recommended level prior to kit installation. Installation of the kit will reposition the differential and the fill plug hole may be in a different position. (For example, if the manufacture recommends 3 quarts of fluid, make sure the diff has 3 quarts of fluid). Check your specific manual for correct amount of fluid.

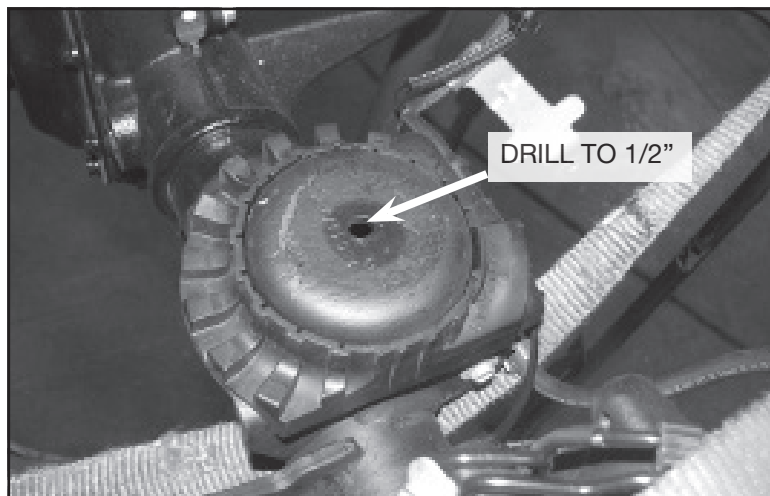
Read all warnings and warranties on the last page of these instructions before starting installation.

FOOTNOTES -

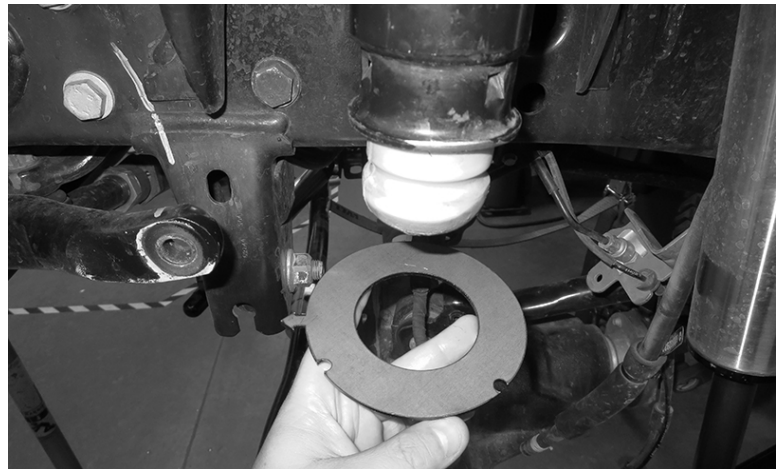
-

- INSTRUCTIONS -

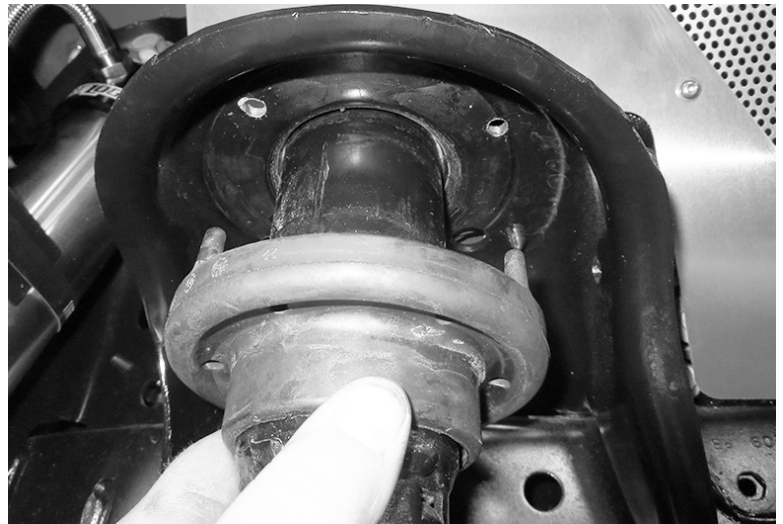
1. Disconnect the negative terminal on the battery.
2. Remove the front factory track bar.
3. On a level surface. Jack up the front end of the truck and support the frame rails with jack stands. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE!** Remove the front tires.
4. Support the front differential with a jack.
5. Remove the factory sway bar end links.
6. Remove nut and separate the brake hose bracket from the lower control arm. Then, remove the bolt from the brakeline bracket on the axle. Separate the bracket from the coil mount on the axle.
7. Disconnect the factory track bar from the frame and axle. Remove the track bar from the vehicle.
8. Disconnect all vent hoses.
9. Detach the electrical plug from the front axle. Careful not to damage it.
10. Disconnect the front driveshaft at the axle pinion flange. Save hardware. Secure the driveshaft so it is not hanging.
11. Loosen the front lower control arms at the frame and axle.
12. Remove the front factory shocks.
13. Lower the front axle and remove the factory coil springs. Retain coil spring isolators.
14. On the factory coil spring perch. Use a drill with a 1/2" drill bit and drill out the existing factory hole on both driver & passenger sides.



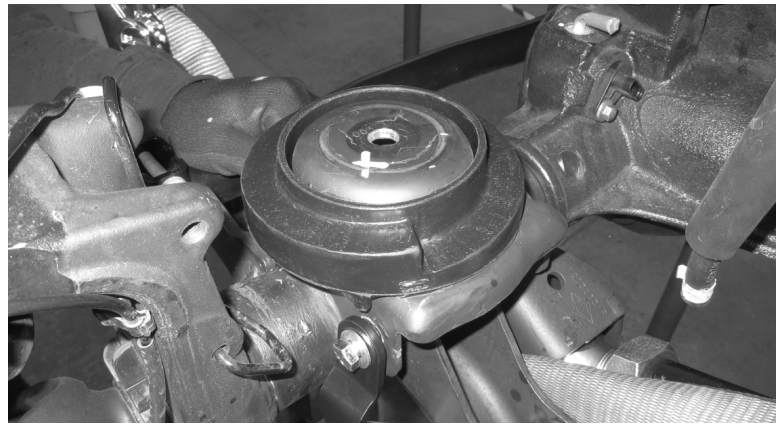
15. Remove the factory upper & lower coil isolators. Discard the lower plastic isolator.
16. Locate the FT50912 (Drill Guide). Install the drill guide over the factory bumpstop up into the upper coil mount. Make sure the arrow on the drill guide is facing towards the front of the vehicle then mark the two holes for drilling. Remove then drill the marked holes to 1/4"



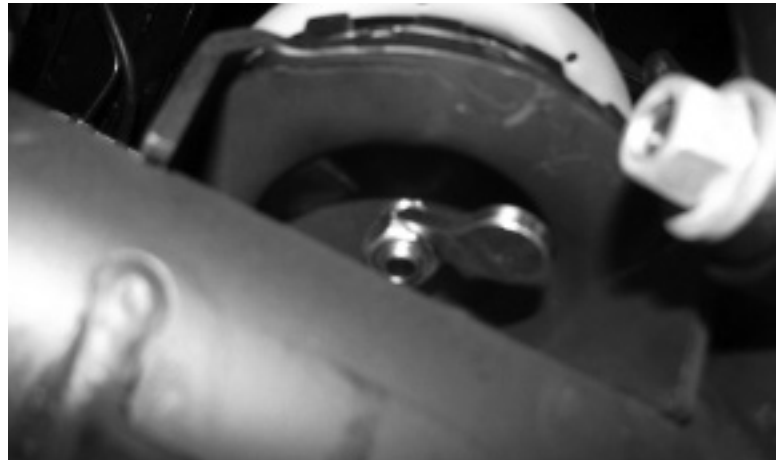
17. Reinstall the factory upper isolator so the pins install into the new holes.



18. Install FT50932 (Lower Coil Isolator) onto the factory coil mount.



19. **DRIVER SIDE:** Insert a 1/2" x 3-1/2" bolt and lock washer inside the FT50164 (Front bumpstop spacer). Place the FT50164 (Bumpstop spacer) into the bottom of FT50600 (Gas Front driver spring) then install the spring into the vehicle as one unit. Once installed insert the FT50060 (Nut tab) through the opening under the spring perch and thread the 1/2" bolt. Torque to 127 ft-lbs.



20. Repeat steps on the passenger side
21. Install the new front shocks using the factory hardware. Torque to 100 ft-lbs.
22. Locate FT50996 (Front Sway Bar links). Install them to the factory sway bar using the supplied nut and washer. Torque to 60 ft-lbs. Then, install the link to the axle using the factory hardware. Torque to 65 ft-lbs



23. Remove the Driver factory front lower control arm. Install FT50998 (Driver Front Lower Control Arm) using the factory hardware.
24. Remove the Passenger factory front lower control arm. Install FT50999 (Pass Front Lower Control Arm) using the factory hardware. Torque to 135 ft-lbs.

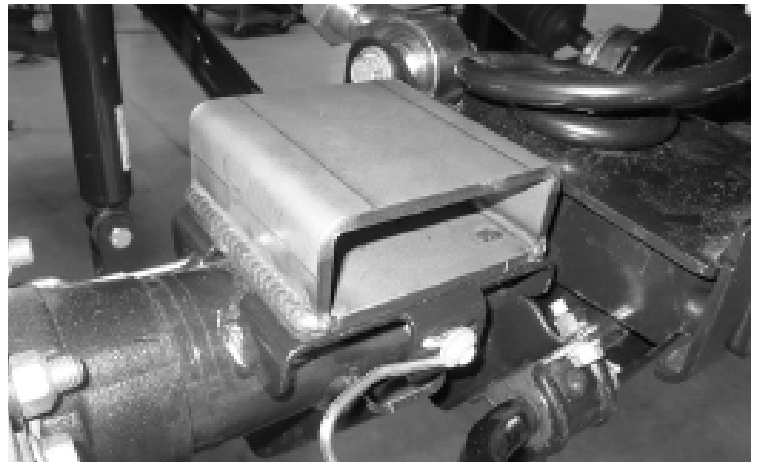


25. Locate the new Fabtech adjustable track bar (FTS24319). Adjust it so it measures 34.4" from the center of the heim hole to the center of the mounting sleeve.
26. Install the new front track bar (FTS24319) to the axle mount using the factory hardware. Torque to 110 ft-lbs **NOTE: The frame end will be connected once the vehicle is lowered to the ground.**



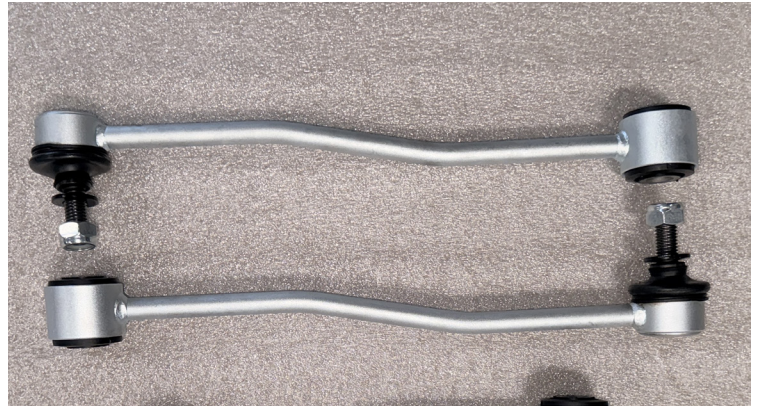
- REAR SUSPENSION -

27. Jack up the rear end of the vehicle and support the frame rails with jack stands. NEVER WORK UNDER AN UNSUPPORTED VEHICLE! Remove the rear tires. Support the rear axle; do not allow axle to hang freely.
28. Disconnect the brake line bracket from the frame. Remove the rear sway bar endlinks then remove the rear shocks and save hardware.
29. Carefully lower the axle and remove the factory springs. Save the upper rubber spring isolators.
30. Install the new coil springs FT50752 (Rear Driver) & FT50754 (Rear Passenger) using the factory upper coil isolators. Support the rear axle so the springs stay in place.
31. Install FT50770 (Rear bumpstop brackets) using the supplied 5/16" x 1" hardware and the factory holes on the bumpstop pad. Torque to 17 ft-lbs.



32. Locate FT50997 (Rear Sway Bar links). Install them to the factory sway bar using the supplied nut and washer. Torque to 60 ft-lbs. Then, install the link to the axle using the factory hardware. Torque to 65 ft-lbs
33. Install the new rear shocks using the factory hardware. Torque to 100 ft-lbs
34. Install tires and wheels and torque lug nuts to wheel manufacturer's specifications.
35. Recheck all bolts for proper torque. **RE-TORQUE ALL NUTS, BOLTS AND LUGS AFTER 50 MILES AND PERIODICALLY THEREAFTER UNTIL TORQUE VALUES ARE RETAINED.**
36. Install Driver Warning Decal. Complete product registration card and mail to Fabtech in order to receive future safety and technical bulletins on this suspension.
37. Review all included warnings and warranties with consumer

For technical assistance call: **909-597-7800**



- Product Warranty & Warnings -

Fabtech provides a Limited Lifetime Warranty to the original retail purchaser who owns the vehicle, on which the product was originally installed, for defects in workmanship and materials.

The Limited Lifetime Warranty excludes the following Fabtech items; bushings, bump stops, ball joints, Uniball bearings, tie rod ends, limiting straps, cross shafts, heim joints and driveshafts. These parts are subject to wear and are not considered defective when worn. They are warranted for 60 days from the date of purchase for defects in workmanship.

Dirt Logic take apart shocks are considered a serviceable shock with a 1-year warranty against any manufacturer's defects. If a shock fails within the initial year of ownership, the owner must ship the shock to Fabtech for inspection and service. If after examination the shock is determined to have failed due to neglect, damage caused by improper installation, or any reason other than "normal wear and tear," the owner of the shock will be responsible for all service costs. Costs include labor, parts, and shipping. Service seal kits are available separately for future maintenance. All other shocks are covered under our Limited Lifetime Warranty.

Fabtech does not warrant any product for finish, alterations, modifications and/or installation contrary to Fabtech's instructions. Alterations to the finish of the parts including but not limited to painting, powder coating, plating and/or welding will void all warranties. Some finish damage may occur to parts during shipping, which is considered normal and is not covered under warranty.

Fabtech products are not designed nor intended to be installed on vehicles used in race applications or for racing purposes or for similar activities. This warranty does not include coverage for police, taxi, first responder vehicles, race vehicles, or vehicles used for government, commercial or fleet purposes. Also excluded from this warranty are sales outside of the United States of America.

Installation of most suspension products will raise the center of gravity of the vehicle and will cause the vehicle to handle differently than stock. It may increase the vehicle's susceptibility to a rollover, on road and off road, at all speeds. Extreme care should be taken to operate the vehicle safely at all times to prevent rollover or loss of control resulting in serious injury or death.

Oversized tires and wheels may decrease the vehicle's braking capacity. Drivers should always brake early and be aware of the increased the stopping distance of the vehicle. Drivers should adjust their driving habits to the effectiveness of the braking. Adjust your driving habits to these changes.

Failure to drive safely may result in serious injury or death to driver and passengers. Driver and passengers must ALWAYS wear your seat belts, avoid quick sharp turns and other sudden maneuvers