



## INSTALLATION INSTRUCTIONS

<b>FTS24128</b>		<b>SHORT ARM LINK KIT LOWER F&amp;R</b>
1	FT50436BK	LOWER FRONT DRIVER LINK
1	FT50437BK	LOWER FRONT PASSENGER LINK
2	FT50507BK	LOWER REAR LINK
1	FT50503	HARDWARE SUBASSEMBLY

<b>FT50503</b>		<b>HARDWARE SUBASSEMBLY</b>
4	FT84	GREASE FITTING 1/4-28
8	FT50415	MISALIGNMENT 1" BEARING
8	FT1007	HALF BUSHING
4	FT164	SLEEVE 1.000 X .563 X .2.645
1	FT24128i	INSTRUCTIONS
1	FTLOCK	THREAD LOCKING COMPOUND
1	FTLUBE	URETHANE LUBE
1	FTAS12	STICKER FT BLUE 10X4 DIE CUT
1	FTAS16	DRIVER WARNING DECAL
1	FTREGCARD	REGISTRATION CARD

## 2007-2017 JEEP WRANGLER SHORT ARM LOWER LINK KIT

**FT24128i**



## - 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

## - PRE-INSTALLATION NOTES -

***NOTE: REFER TO OPTIONAL KIT BOX INSTRUCTIONS PRIOR TO INSTALLATION.***

### ***READ THIS BEFORE YOU BEGIN INSTALLATION -***

Check all parts to the parts list above before beginning installation.

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.

Use the provided thread locking compound on all hardware.

WARNING- Installation of this system will alter the center of gravity of the vehicle and may increase roll over as compared to stock.

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.

Periodically grease the bushings using a urethane compatible grease.

# - INSTRUCTIONS -

## FRONT SUSPENSION

1. Disconnect the negative terminal on the battery. 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.
2. With the axle supported, remove the driver side factory lower link and save hardware.
3. Locate the new Fabtech front lower links. Install the supplied bushings, sleeve and grease fitting into both links.
4. Install FT50436BK (Driver lower link) using the supplied FT50415 (Misalignments) and factory hardware. Torque to 160 ft-lbs. **SEE FIGURE 1 FOR LINK IDENTIFICATION AND FIGURES 2-3 FOR INSTALLATION.**

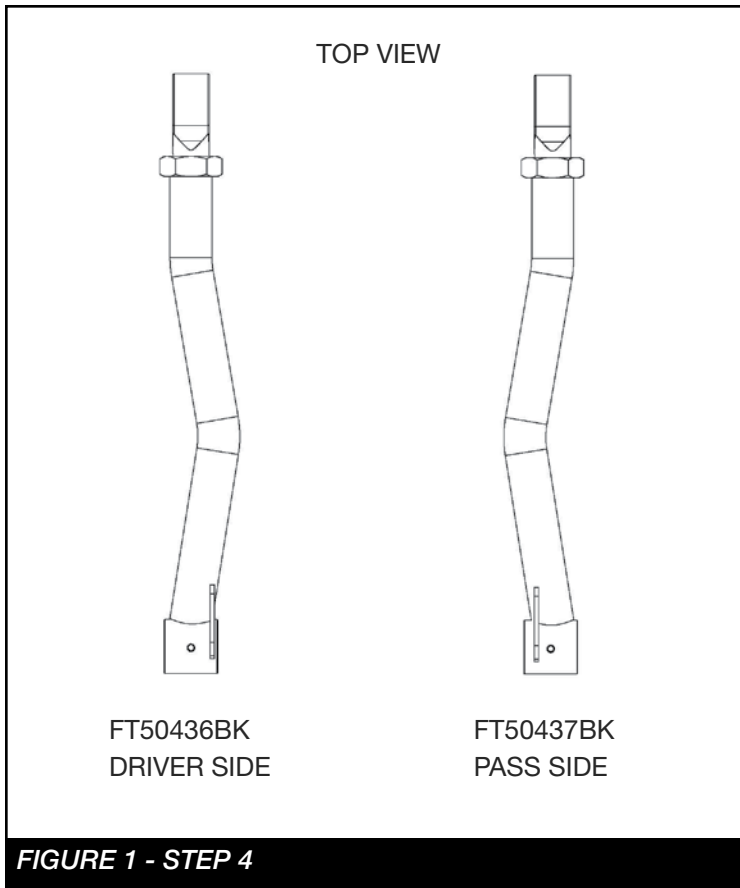
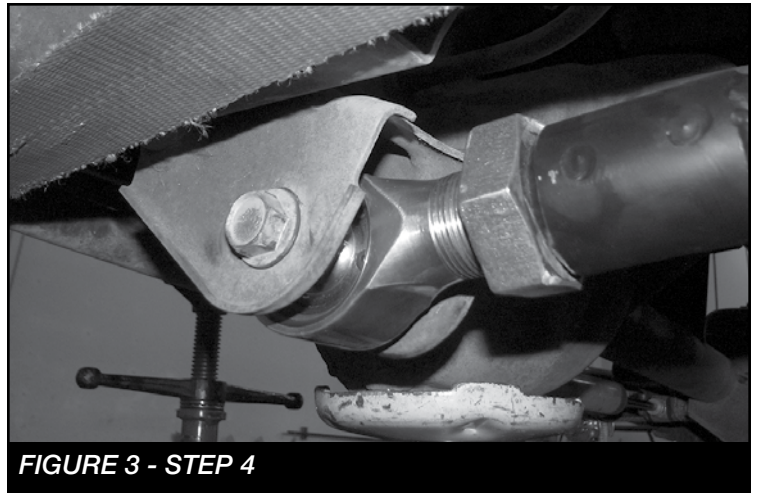
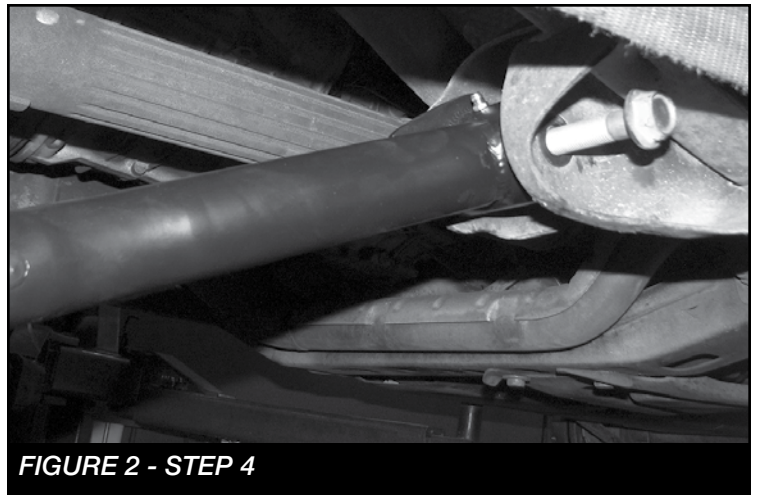


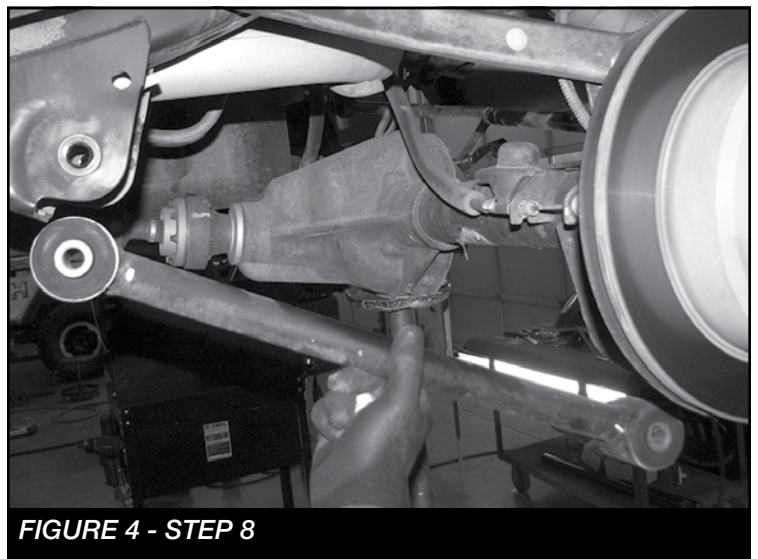
FIGURE 1 - STEP 4



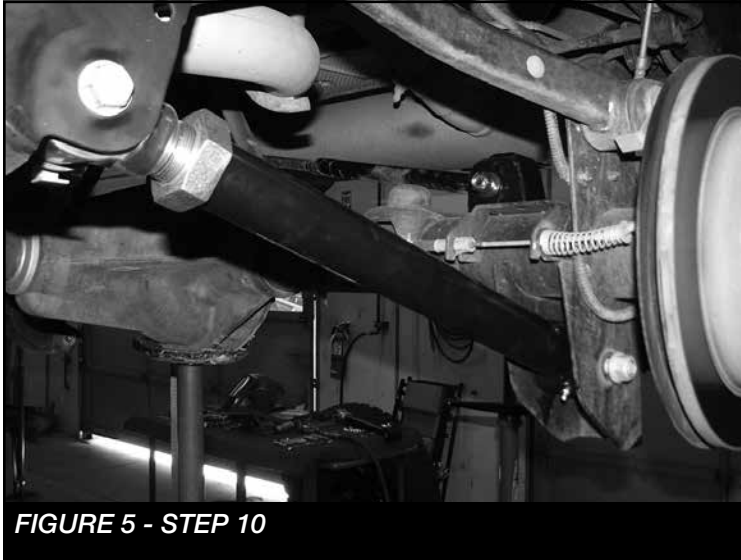
5. Remove the passenger side lower link and save hardware.
6. Repeat step 4 using FT50437BK (Passenger lower link).

## REAR SUSPENSION

7. Jack up the rear end of the truck and support the frame rails with jack stands. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE!** Remove the rear tires.
8. With the axle supported, remove the driver side lower link and save hardware. **SEE FIGURE 4**



9. Locate the FT50507BK (Rear lower links). Install the supplied bushings, sleeve and grease fitting into both links.
10. Install the new Fabtech lower link using the supplied FT50415 (Misalignments) and factory hardware like shown below. The joint end will mount on the frame side. Torque to 160 ft-lbs. **SEE FIGURE 5**



11. Remove the passenger side lower link and save hardware.
12. Repeat step 10 on the passenger side.
13. Install tires and wheels and torque lug nuts to wheel manufacturer's specifications. Turn front tires left to right and check for appropriate tire clearance. **Note - Some oversized tires may require trimming of the front bumper & valance.**
14. Check front end alignment and set to factory specifications. Readjust headlights.
15. Recheck brake hoses, ABS wires and suspension parts for proper tire clearance while turning tires fully left to right.
16. Check the fluid in the front and rear differential and fill if needed with factory specification differential oil. **Note - some differentials may expel fluid after filling and driving. This can be normal in resetting the fluid level with the new position of the differential/s.**
17. Install Driver Warning Decal. Complete product registration card and mail to Fabtech in order to receive future safety and technical bulletins on this suspension.

**Vehicles that will receive oversized tires should check ball joints, uniballs and all steering components every 2500-5000 miles for wear and replace as required.**

**RE-TORQUE ALL NUTS, BOLTS AND LUGS AFTER 50 MILES AND PERIODICALLY THEREAFTER.**