



INSTALLATION INSTRUCTIONS

FTS24132		CRAWLER KIT (FRONT)
2	FT50485BK	FRONT UPPER LINK 5 TON
2	FT50518BK	FRONT LOWER LINK 5 TON
1	FT50446BK	UPPER 4-LINK MOUNT (DRIVER)
1	FT50447BK	UPPER 4-LINK MOUNT (PASSENGER)
1	FT50318BK	FRONT SKID PLATE
1	FT50398BK	FRONT CROSSMEMBER
1	FT50510	HARDWARE SUBASSEMBLY

FT50510		HARDWARE SUBASSEMBLY
1	FT50526	HARDWARE KIT
1	FT50314	CROSSMEMBER NUT TAB (DRIVER)
1	FT50315	CROSSMEMBER NUT TAB (PASSENGER)
4	FT50509	LINK TWIST WASHER
1	FT24132i	INSTRUCTIONS
4	FT50414	MISALIGNMENT 7/8"
8	FT50415	MISALIGNMENT 1"
1	FTAS12	STICKER FT BLUE 10X4 DIE CUT
1	FTAS16	DRIVER WARNING DECAL
1	FTREGCARD	REGISTRATION CARD

FT50526 - HARDWARE KIT		LOCATION
6	1/2-13 X 1-1/2" HEX BOLT	CROSSMEMBER
2	1/2-13 C-LOCK NUT	
10	1/2 SAE WASHER	
4	1/2 LOCK WASHER	
6	7/16-14 X 1-1/4" HEX BOLT	
12	7/16" SAE WASHER	
6	7/16-14 C-LOCK NUT	
2	9/16-12 X 4 HEX BOLT	FRONT LOWER LINK
2	9/16-12 C-LOCK NUT	
4	9/16" SAE WASHER	
2	7/16-14 X 3-1/4" HEX BOLT	FRONT LOWER LINK
8	7/16-14 C-LOCK NUT	
16	7/16 SAE WASHER G8 ZINC	
1	THREAD LOCKING COMPOUND 1 MIL	

2007- 2017 JEEP WRANGLER CRAWLER KIT (FRONT) FTS24132



- TOOL LIST -

Required Tools (Not Included)

- Basic Hand Tools
- Torque Wrench
- Assorted Metric and S.A.E sockets
- Floor Jack
- Drill w/ assorted drill bits
- Jack Stands
- Welder

- PRE-INSTALLATION NOTES -

READ THIS BEFORE YOU BEGIN INSTALLATION -

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

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.

Fabtech replacement driveshafts are required with this system. Due to the different shafts for the 2-door and 4-door models, the driveshafts are sold separately. See chart below for proper driveshafts for your model of Jeep.

FTS94057	2007-15 Front Driveshaft 2/4 Door
FTS94051	2007-11 Rear Driveshaft 2 Door Only
FTS94052	2007-11 Rear Driveshaft 4 Door Only
FTS94058	2012 - UP Rear Driveshaft 2 Door Only
FTS94059	2012 - UP Rear Driveshaft 4 Door Only

- INSTRUCTIONS -

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

1. Disconnect the negative terminal on the battery. With the vehicle on level ground, set the emergency brake and block the rear tires. 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. Support the front axle. Do not allow to hang freely. Refer to coil spring instructions for disassembly of end links, coil springs and other components.

2. Remove factory cross member and save hardware. Next, remove the front upper and lower link arms.

If you are installing the FTS94060 loop delete pipe for 2012-13 models do so now with the instructions provided.

3. Use a paint pen and mark the inside of the lower link arm pockets as shown in the photos (cut will need to flush with the outside mount, not the frame itself). Use a sawzall or die grinder with a cut off wheel and remove the inside of the pocket. Use an angle grinder with a sanding disc to sand the cut area of the pocket. Paint all bare metal areas. **SEE FIGURE 1-3**



FIGURE 1 - STEP 3



FIGURE 2 - STEP 3

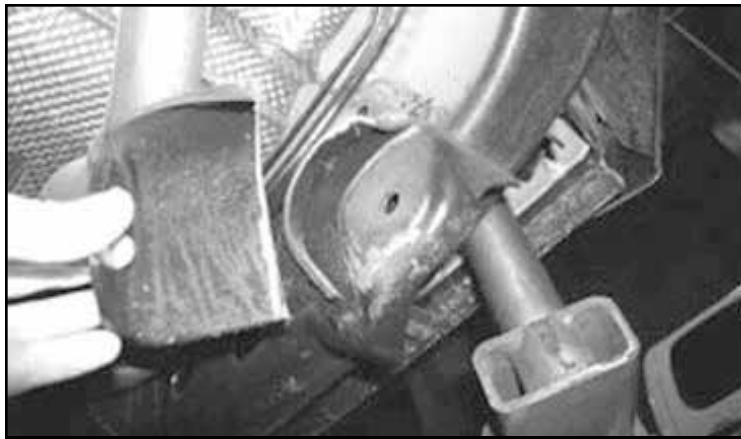


FIGURE 3 - STEP 3

4. Next, Locate the upper link pockets. Mark and cut the factory bracket off of the frame. Sand to a smooth finish and paint all raw surfaces. **SEE FIGURES 4-5**

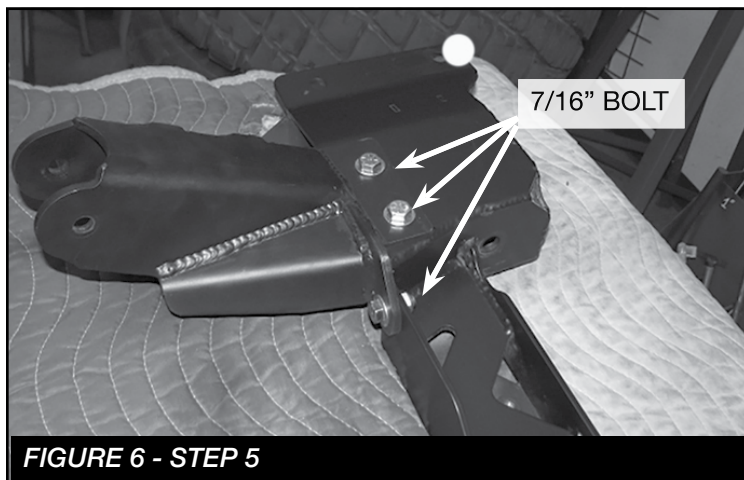


FIGURE 4 - STEP 4

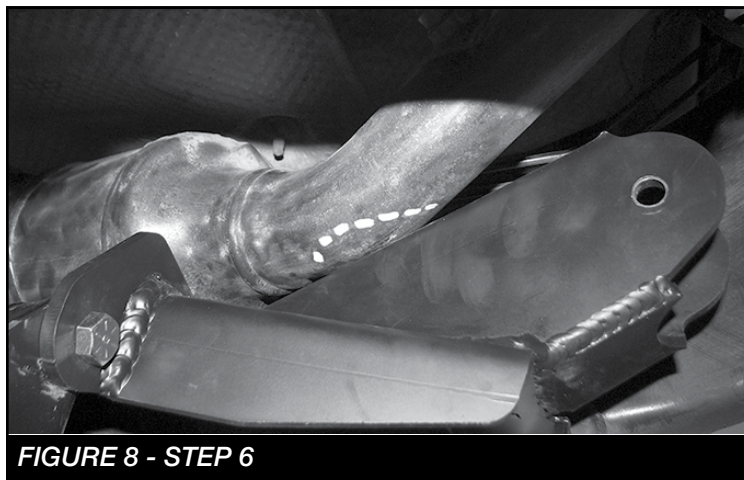
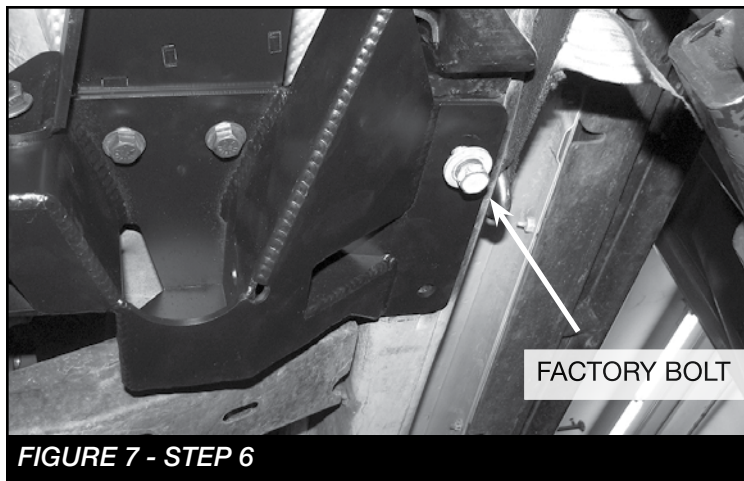


FIGURE 5 - STEP 4

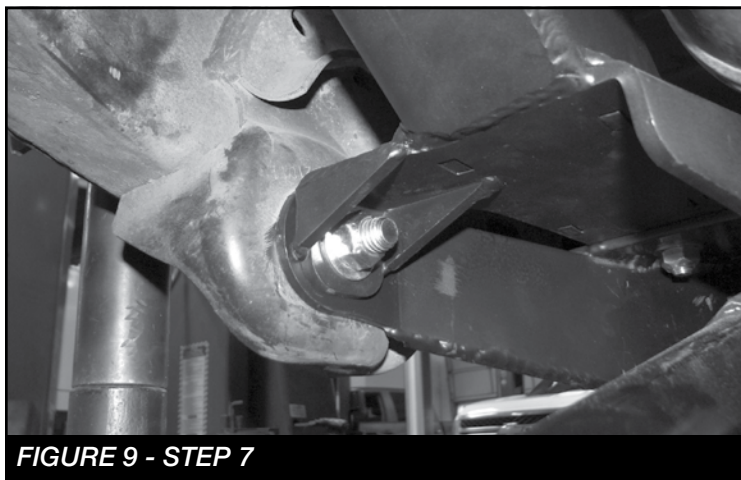
5. Install FT50446BK (Driver Upper Link Mount) and FT50447BK (Pass Upper Link Mount) to FT50398BK (Front Crossmember) using the supplied 7/16 X 1-1/4" Bolts, nuts and washers. Torque to 83 ft-lbs **SEE FIGURE 6**



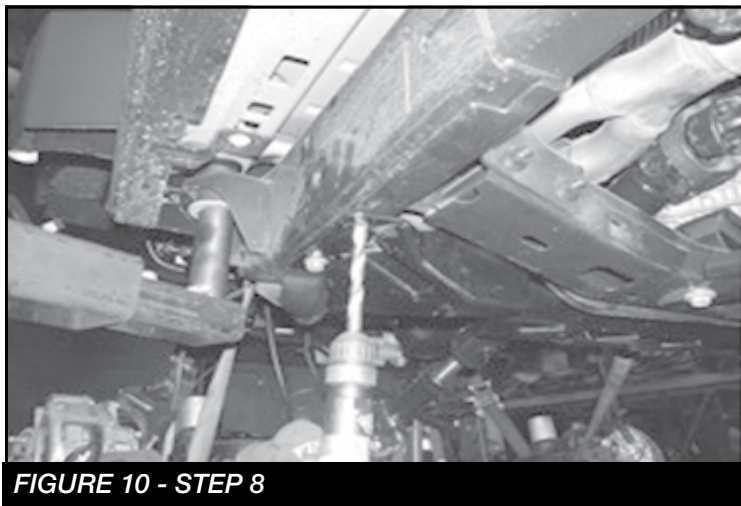
6. Using another person, mount the new Fabtech crossmember using the factory bolt in the forward hole on both driver and passenger sides. Leave loose. **SEE FIGURE 7. NOTE: DUE TO VARIANCES, 07-11 MODEL FACTORY EXHAUSTS NEED TO BE RE-SHAPED FOR CROSSMEMBER FITMENT. SEE FIGURE 8 FOR LOCATION OF EXHAUST THAT NEEDS TO BE MODIFIED.**



7. Install the supplied 1/2 x 1-1/2" bolt, nut and washers at the new crossmember and factory lower link mount. **SEE FIGURE 9.**



8. Mark & drill the bottom frame for the rear hole on the new crossmember. Use a small drill bit first and follow with a 1/2" bit. Locate FT50314 & FT50315 Nut Tabs, 1/2" x 1 1/2" bolts with flat & split washers. Insert the nut tab into the frame and attach** with the 1/2" hardware. Torque all crossmember hardware to 127 ft-lbs **SEE FIGURES 10-11**



9. Install FT50318BK Skid Plate, using the supplied 1/2" x 1 1/2" bolts with flat & split washers, and the factory skid plate hardware. Attach **the front of the skid plate to the new crossmember with the 1/2" hardware and the rear to the factory crossmember with the factory hardware. Torque the 1/2" & 12mm hardware on the crossmember to 127lbs. **SEE FIGURE 12**



FIGURE 12 - STEP 9

10. Locate both FT50518BK (Lower Link) and install (2) FT50415 (1" Misalignments) into each rod end as well as a FT50509 (Link twist washer) on the inner side of the axle end. **NOTE: BOTH LOWER AND UPPER LINKS COME PRE-SET FOR THE CORRECT LENGTH. SEE FIGURE 13**



FIGURE 13 - STEP 10

11. Install the new lower links using the supplied 9/16 X 4" hardware for the crossmember side and the factory hardware for the axle side. Torque 9/16" hardware to 184 ft-lbs and the factory to 160 ft-lbs. **SEE FIGURE 14-15**



FIGURE 14 - STEP 11



FIGURE 15 - STEP 11

12. Locate FT50485BK (Upper Links) and install (2) FT50414 (7/8" Misalignments) into each rod end as well as a FT50509 (Link twist washer) on the inner side of the rod end. **SEE FIGURE 16**



FIGURE 16 - STEP 12

13. Install both new upper link using the supplied 7/16 X 3-1/4" hardware for the crossmember side and the factory hardware for the axle side. Torque 7/16" hardware to 83 ft-lbs and the factory hardware to 100 ft-lbs. **SEE FIGURE 17-19**



FIGURE 17 - STEP 13



FIGURE 18 - STEP 13



FIGURE 19 - STEP 13

14. 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.**
15. Check front end alignment and set to factory specifications. Readjust headlights.
16. Recheck all bolts for proper torque.
17. Recheck brake hoses, ABS wires and suspension parts for proper tire clearance while turning tires fully left to right.
18. 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.**
19. 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.