



INSTALLATION INSTRUCTIONS

FTL5208		2" LEVELING SYSTEM F250/350 4WD
2	FT30162	COIL SPACER 2"
2	FT30659	BRAKE LINE TAB
1	FT30580BK	SHOCK EXTENSION BRACKET DRIVER
1	FT30581BK	SHOCK EXTENSION BRACKET PASSENGER
1	FT30679	HARDWARE KIT
1	FT5208i	INSTRUCTIONS
1	FTAS12	STICKER FT BLUE 10X4 DIE CUT
1	FTAS16	DRIVER WARNING DECAL

FT30679 - HARDWARE KIT		LOCATION
2	M14-2.0 X 80MM HEX BOLT	SHOCK EXT.
8	M14 FLAT WASHER	
2	M14 X 2.0 NYLOCK NUT	
2	M14-2.0 X 100MM HEX BOLT	SPACER
2	3/8-16 X 1" HEX BOLT	BRAKE LINE BRACKET
2	3/8-16 NYLOCK NUT	
4	3/8" SAE WASHER	
1	1/4-20 X 3/4" HEX BOLT	
2	1/4" SAE WASHER	
1	1/4-20 NYLOCK NUT	
1	THREAD LOCKING COMPOUND 2 MIL	

2017 FORD F250/350 SUPERDUTY 4WD 2" LEVELING KIT

FT5208i

- PRE-INSTALLATION NOTES -

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.

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.

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

Prior to installing this kit, with the vehicle on level ground. Measure the height of your vehicle. This measurement can be recorded from the center of the wheel, straight up to the top of the inner fender lip. Record the measurements below.

LF: _____ **RF:** _____

LR: _____ **RR:** _____

- 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 front axle supported, Disconnect the sway bar from the endlink at both driver and passenger sides. Save hardware. **SEE FIGURE 1**



FIGURE 1 - STEP 2

3. Remove the brake line bracket from the frame and the lower coil spring perch. **SEE FIGURES 2-3**



FIGURE 2 - STEP 3



FIGURE 3 - STEP 3

4. Remove and save lower shock hardware.
5. Carefully lower the front axle and remove the factory coil spring. **SEE FIGURE 4**



FIGURE 4 - STEP 5

6. Remove the factory lower spring perch from the axle and discard the factory hardware. Install FT30162 (2" spacer) using the M14 X 100mm bolt and washer. Torque to 160 ft-lbs. **SEE FIGURES 5-6**

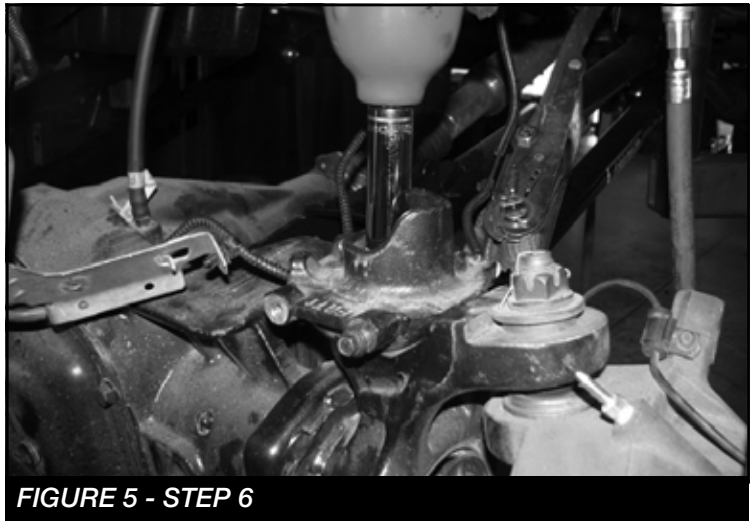


FIGURE 5 - STEP 6

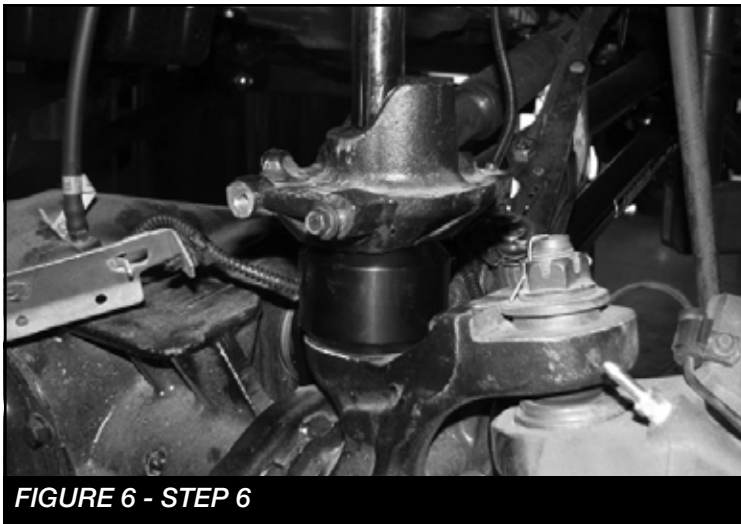


FIGURE 6 - STEP 6

7. Re-install the factory coil spring and isolator.
8. Locate the FT30580BK (driver shock extension), using the factory lower shock hardware, install the shock extension into the factory lower shock mount. **NOTE: See figure 7 for proper offset. The offset needs to be going away from the vehicle. Insert a supplied M14 washer between the factory and new Fabtech brackets.** Torque to 160 ft-lbs. **NOTE: If installing a Dirt Logic shock do not install lower shock extension. Install the Dirt logic directly into the factory mounts using the M14 washers to fill in the gap on the lower mount. SEE FIGURES 7-8**

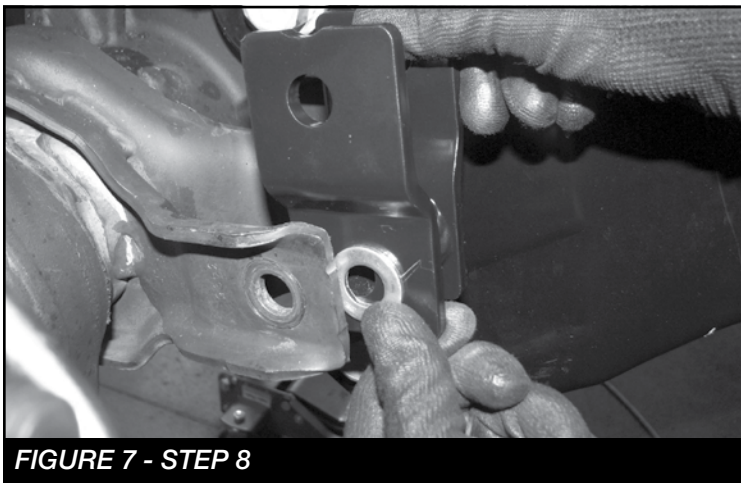


FIGURE 7 - STEP 8

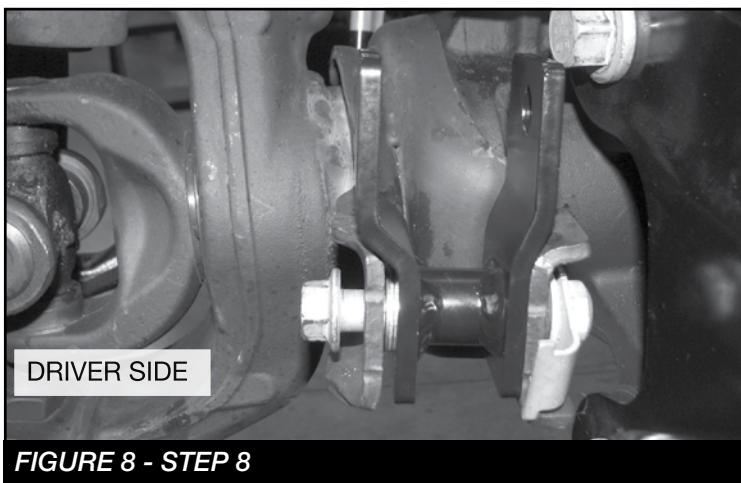


FIGURE 8 - STEP 8

9. Locate the supplied M14-2.0x80mm HEX bolts, washers and nuts. Re-install the factory shock using the supplied M14 hardware. Torque the lower shock bolt to 160 ft-lbs. **SEE FIGURE 9**

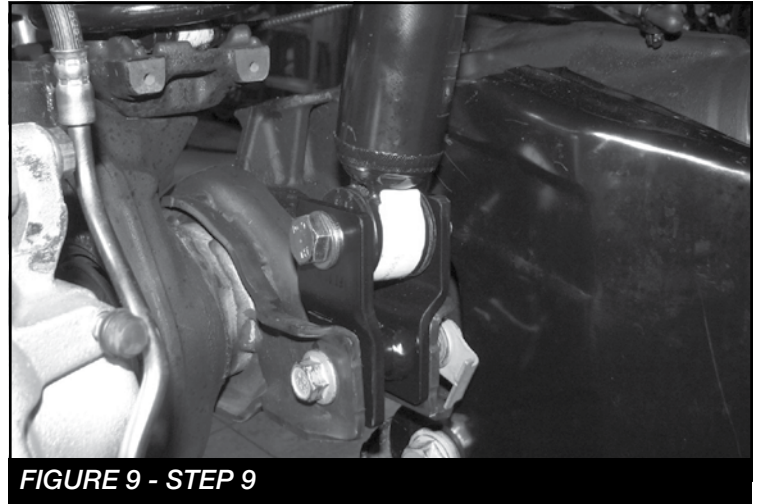


FIGURE 9 - STEP 9

10. Install FT30659 (Brake line bracket) to the factory brake line tab using the supplied 3/8" hardware. Next, install the bracket to the frame using the factory hardware. Torque hardware to 52 ft-lbs. **SEE FIGURE 10**

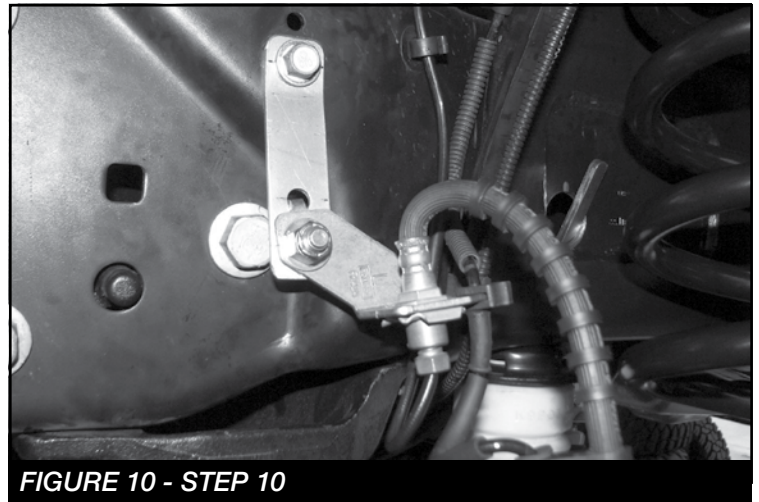


FIGURE 10 - STEP 10

11. Reconnect the factory lower brake line bracket to the lower spring perch using the factory hardware. Torque to 29 ft-lbs. **SEE FIGURE 11**

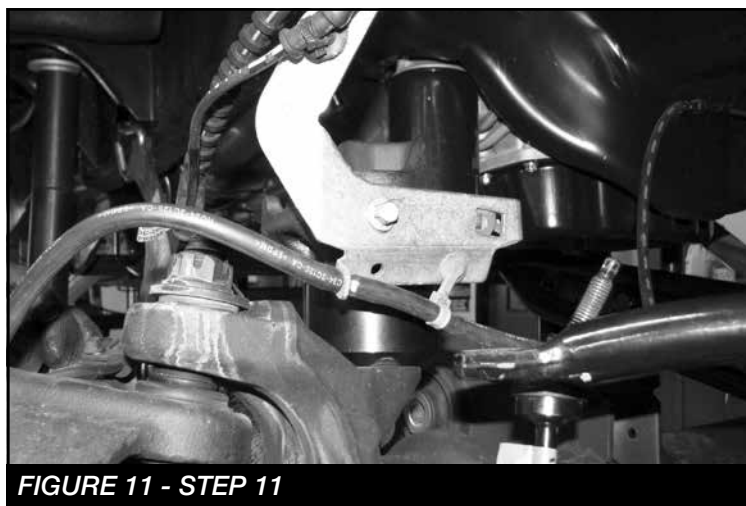


FIGURE 11 - STEP 11

12. REPEAT STEPS 3-9 ON THE PASSENGER SIDE

13. Install FT30659 (Brake line bracket) to the factory brake line tab using the supplied 3/8" hardware (Use lower hole). Next, using the supplied rubber clamp and 1/4" hardware, attach the ABS line to the upper hole on the FT30659 bracket. Re attach to the frame using the factory hardware. Torque 3/8" & factory hardware to 52 ft-lbs. Torque 1/4" hardware to 14 ft-lbs. **SEE FIGURE 12**

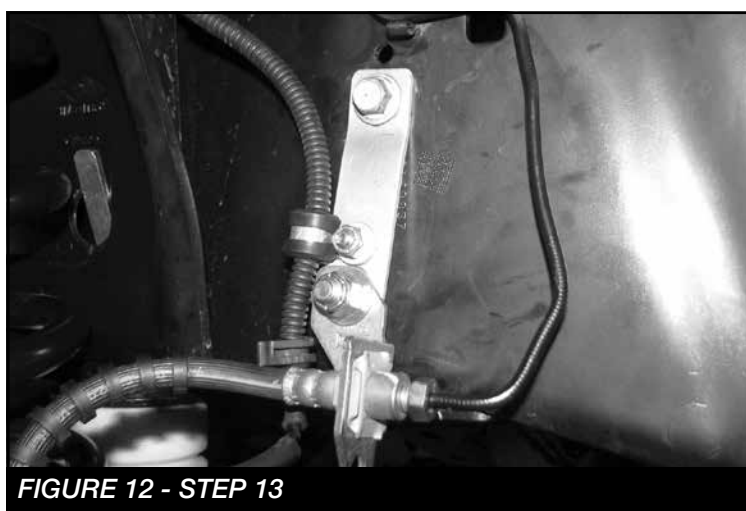


FIGURE 12 - STEP 13

14. REPEAT STEP 11 ON THE PASSENGER SIDE.

15. Reconnect the sway bar using the factory hardware.

16. 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.**
17. Check front end alignment and set to factory specifications. Readjust headlights.
18. Recheck all bolts for proper torque.
19. Recheck brake hoses, ABS wires and suspension parts for proper tire clearance while turning tires fully left to right.
20. 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.**
21. 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 THEREAFTER UNTIL FASTENERS RETAIN TORQUE SETTING.