



## INSTALLATION INSTRUCTIONS

FTL5206		2.5F 2011- 2015 F350/350 4WD
2	FT30546BK	COIL SPACER
2	FT30554	COIL ISOLATOR
1	FT30580	SHOCK EXTENSION BRACKET DRIVER
2	FT30581	SHOCK EXTENSION BRACKET PASSENGER
1	FT30578	SWAY BAR DROP DOWN BRACKET (DRIVER)
1	FT30579	SWAY BAR DROP DOWN BRACKET (PASS)
1	FT30555	HARDWARE SUBASSEMBLY

FT30588 - HARDWARE KIT		LOCATION
2	M14-2.0 X 80MM HEX BOLT	SHOCK EXT.
4	M14 FLAT WASHER	
2	M14 X 2.0 NYLOCK NUT	
4	3/8-16 X 1-1/4 HEX BOLT	SWAY BAR BROP
4	3/8-16 X C-LOCK NUT	
8	3/8 SAE WASHER	
1	THREAD LOCKING COMPOUND 2 MIL	

FT30555		HARDWARE SUBASSEMBLY
1	FT30588	HARDWARE KIT
1	FT5206i	INSTRUCTIONS
1	FTAS12	STICKER FT BLUE 10X4 DIE CUT
1	FTAS16	DRIVER WARNING DECAL
1	FTREGCARD	REGISTRATION CARD

## 2011-2015 FORD F250/F350 SUPERDUTY 4WD 2.5" LEVELING KIT

FT5206i



## - 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

### ***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.

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. Save hardware. **SEE FIGURE 1**

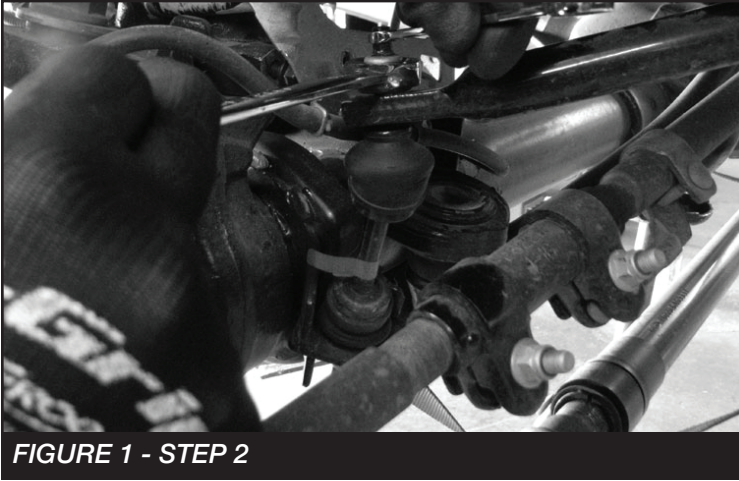


FIGURE 1 - STEP 2

3. Remove the brake line bracket from the frame. Save hardware. Remove the bracket from the brake line block. Using a small grinding bit, grind the flat spot on the inside of the bracket so it make a complete circle. **SEE FIGURE 2-3.**

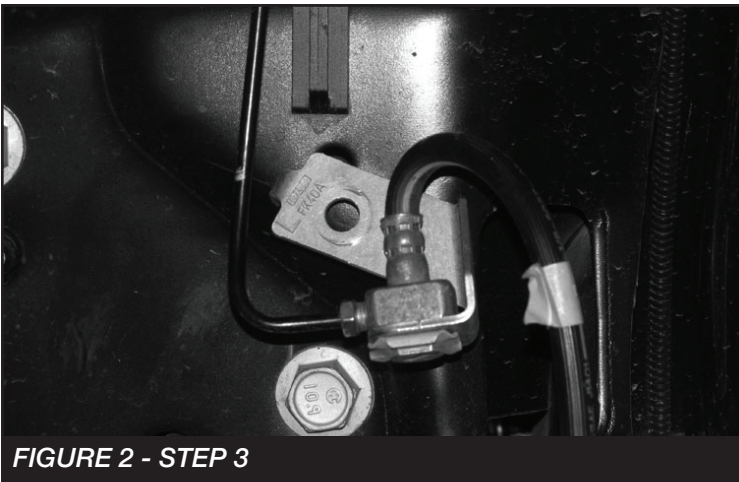


FIGURE 2 - STEP 3

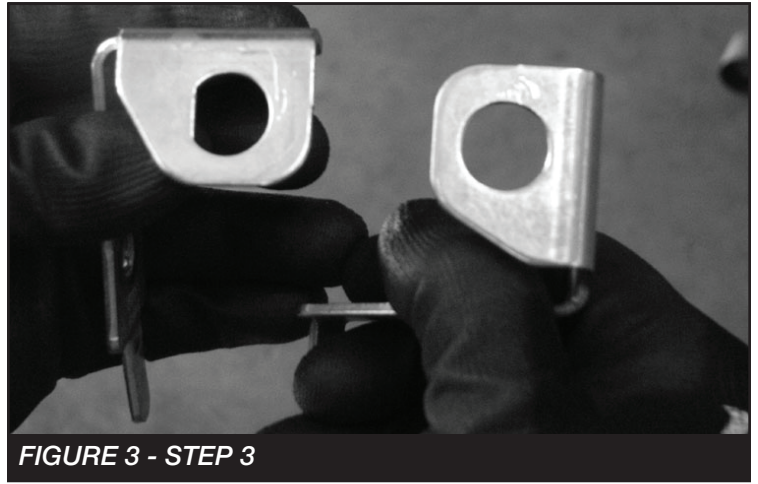


FIGURE 3 - STEP 3

4. **NOTE:** With care, barely loosen the hard brake line and rotate the block 180 degrees then, reinstall into the bracket like shown in **FIGURE 4.**

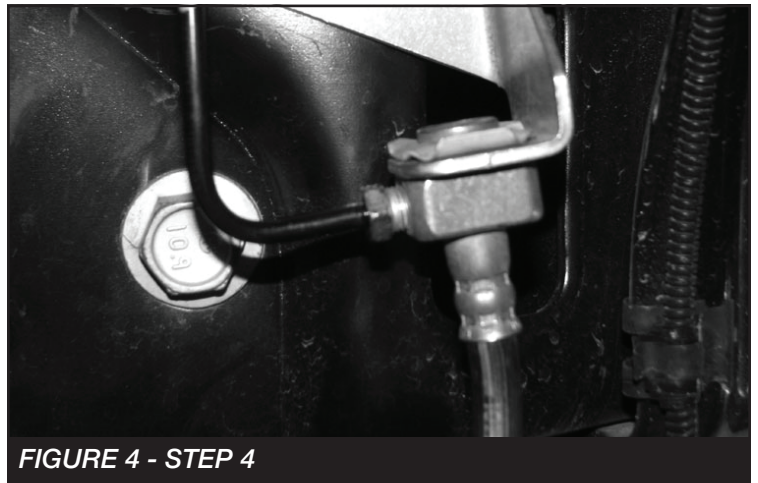


FIGURE 4 - STEP 4

5. Disconnect the sway bar at the frame and lower. Using the factory hardware install FT30578 (driver side sway bar drop) **NOTE:** the flat side of the bracket will face towards the outside of the vehicle. Repeat for passenger side. **SEE FIGURE 5.**



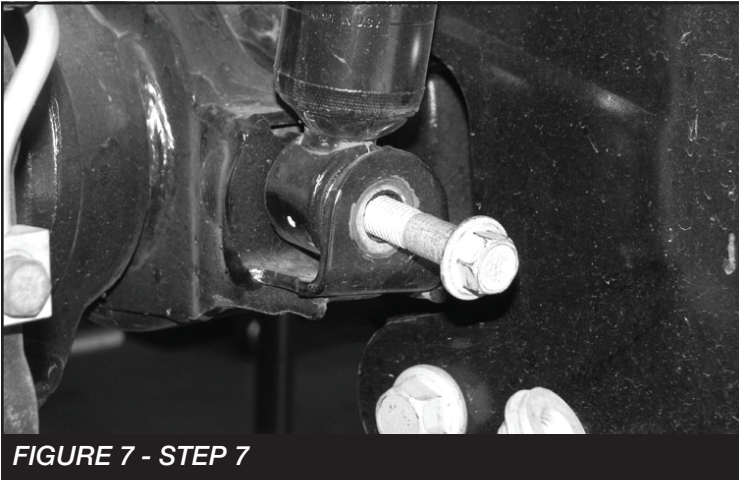
FIGURE 5 - STEP 5

6. Raise the sway bar to the new drop down brackets and attach with the supplied 3/8" hardware. Torque 52 ft-lbs. **SEE FIGURE 6.**



**FIGURE 6 - STEP 6**

7. Remove the lower shock bolts from both driver and passenger side, save for re-installation. **SEE FIGURE 7.**



**FIGURE 7 - STEP 7**

8. Carefully lower the front axle and remove the coil springs. **SEE FIGURE 8.**



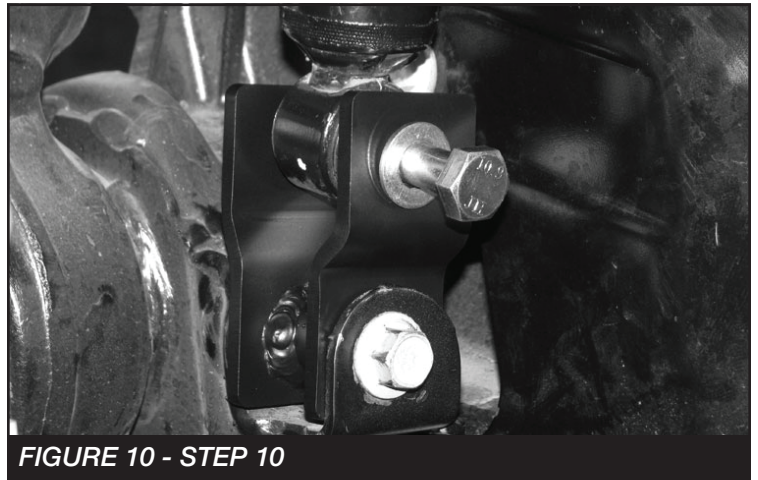
**FIGURE 8 - STEP 8**

9. Locate FT30580 (spring spacer) and FT30554 (spring isolator). Install the spacer and new isolator on top of the factory spring and factory upper isolator then install in to the truck. **SEE FIGURE 9.**

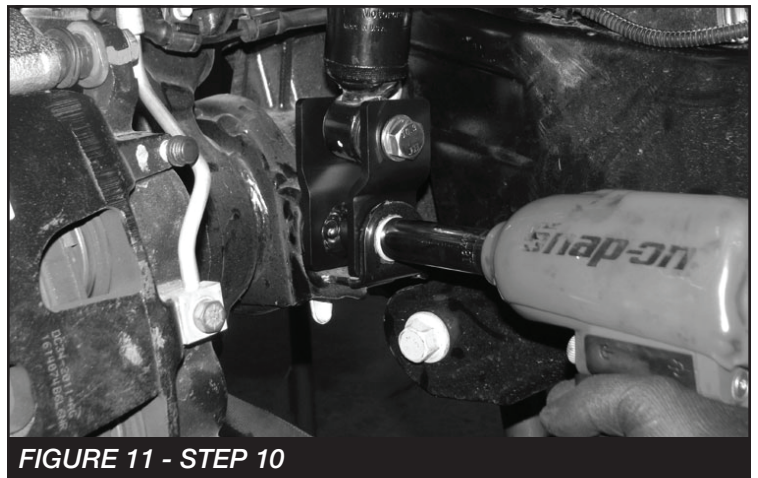


**FIGURE 9 - STEP 9**

10. Locate FT30578 (Driver side shock extension) and install using the factory hardware. Torque to 160 ft-lbs. Locate the supplied M14 Hardware. Install the lower shock into the new Fabtech extension bracket using the supplied M14 Hardware. Torque to 160 ft-lbs. **SEE FIGURES 10-11**



**FIGURE 10 - STEP 10**



**FIGURE 11 - STEP 10**

11. Repeat steps 8-10 on the passenger side.

12. Connect the sway bar end link to the sway bar and re-install the brake line bracket to the frame using the factory hardware. **SEE FIGURES 12-13**

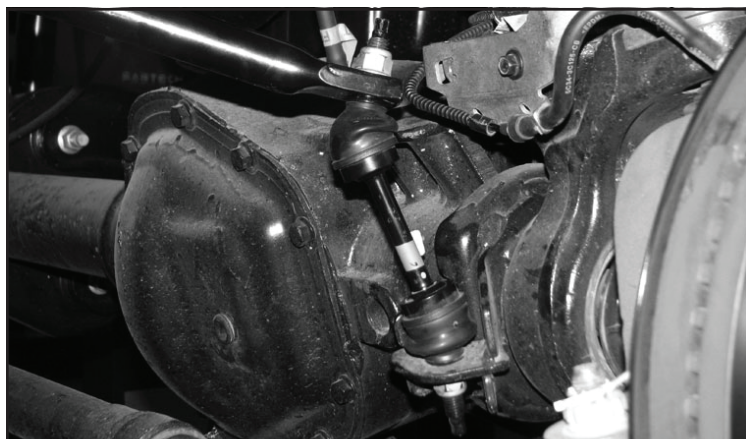


FIGURE 12 - STEP 12

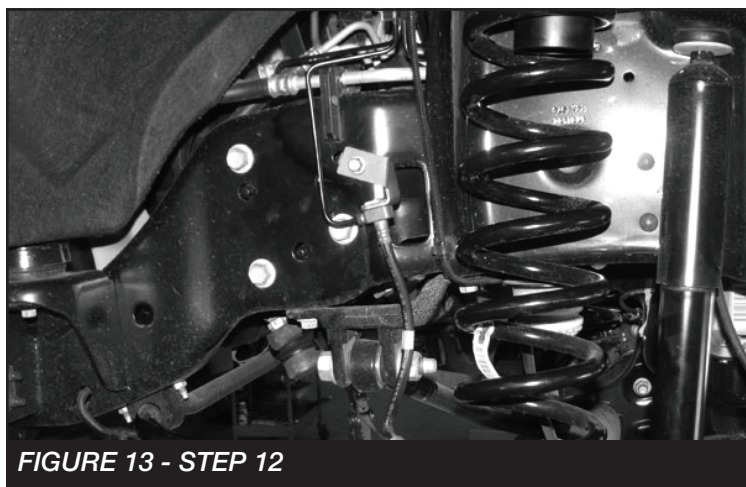


FIGURE 13 - STEP 12

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 all bolts for proper torque.
16. Recheck brake hoses, ABS wires and suspension parts for proper tire clearance while turning tires fully left to right.

17. 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.**
18. 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.**