



INSTALLATION INSTRUCTIONS

FTL5303		2" 1994-2012 RAM 2500/3500 4WD
2	FT44255BK	SHOCK SPACER
1	FT90127	HARDWARE KIT
1	FT5303i	INSTRUCTIONS
1	FTAS12	FABTECH STICKER 10X4
1	FTAS16	DRIVER WARNING DECAL
1	FTREGCARD	REGISTRATION CARD

FT90127 - HARDWARE KIT		LOCATION
6	3/8 SAE WASHER G8 ZINC	
6	3/8-16 C-LOCK NUT ZINC	
1	THREAD LOCKING COMPOUND	

1994-2012 DODGE RAM 2500/3500 4WD 2" LEVELING KIT

FT5303i



- 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 -

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.

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.

FOOTNOTES -

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. Disconnect the sway bar on both driver and passenger side. **SEE FIGURE 1**

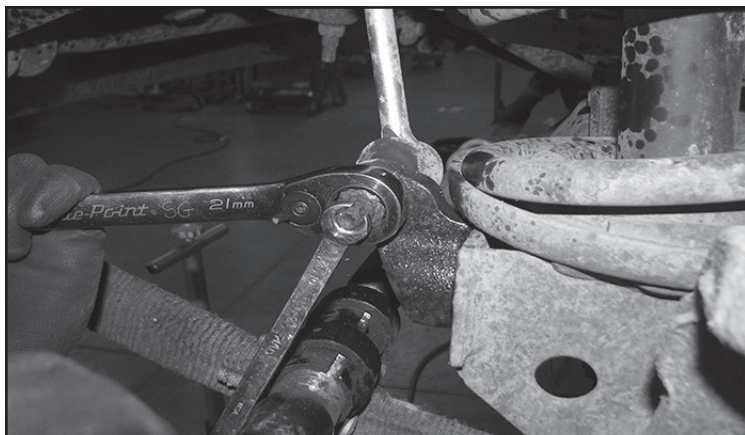


FIGURE 1 - STEP 2

3. Remove and save the lower shock bolt under the spring mount. **SEE FIGURE 2**



FIGURE 2 - STEP 3

4. Supporting the front axle, remove and save the track bar bolt from the frame side. **SEE FIGURE 3**



FIGURE 3 - STEP 4

5. Loosen the (3) upper shock tower nuts. Leave attached. **SEE FIGURE 4**

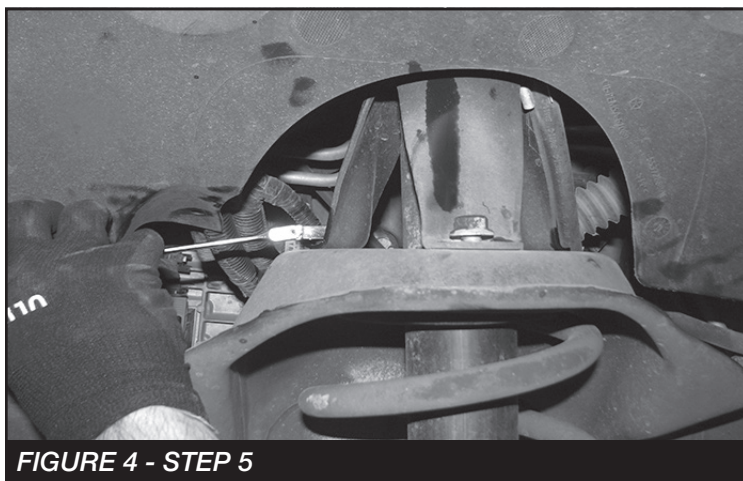


FIGURE 4 - STEP 5

6. Gently lower the front axle to remove the shock from the lower mount and remove the coil spring. **SEE FIGURE 5**

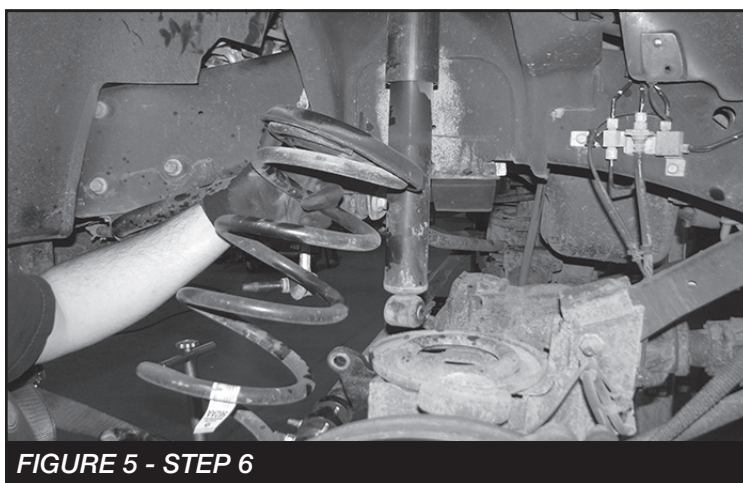


FIGURE 5 - STEP 6

7. Remove the shock tower nuts and retaining plate. **SEE FIGURE 6**

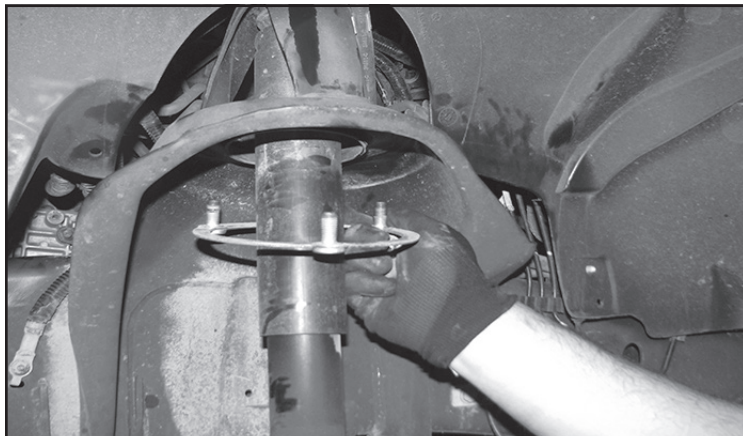


FIGURE 6 - STEP 7

8. Locate and install FT44255BK (shock spacer) with the supplied 3/8" hardware. Leave loose at this time. **SEE FIGURES 7-8**

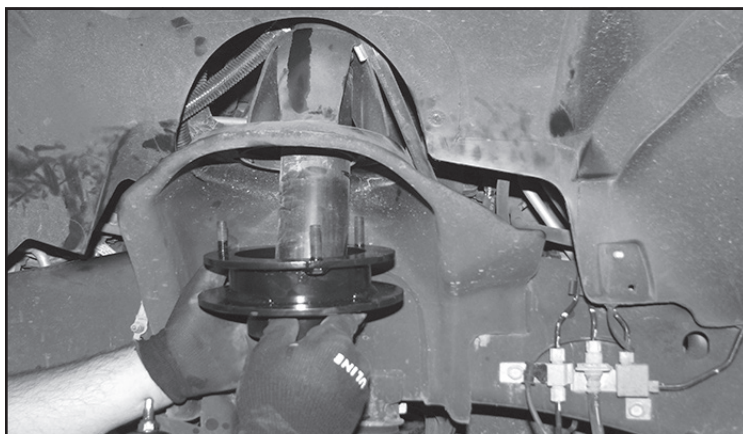


FIGURE 7 - STEP 8

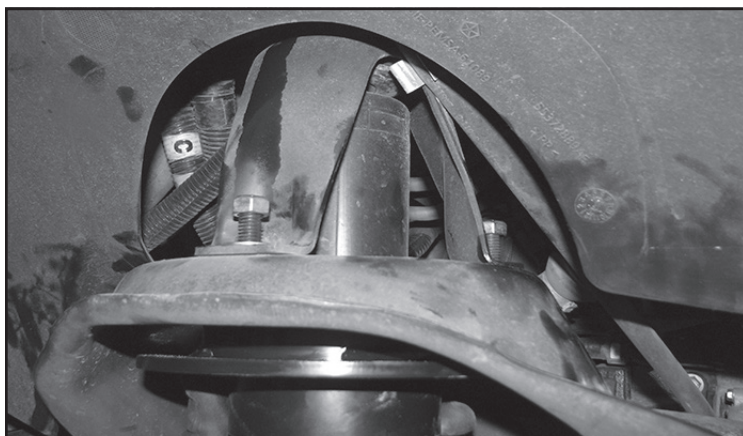


FIGURE 8 - STEP 8

9. Re-install the factory coil spring and rubber isolator. Install the shock into the lower mount with the factory bolt. Torque to 120 ft-lbs. **SEE FIGURE 9.** Next, Torque the 3/8" upper spacer hardware to 52 ft-lbs **SEE FIGURE 10.**

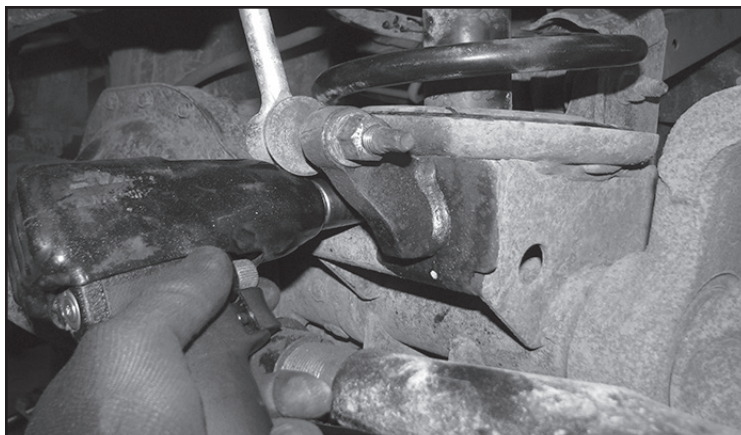


FIGURE 9 - STEP 9

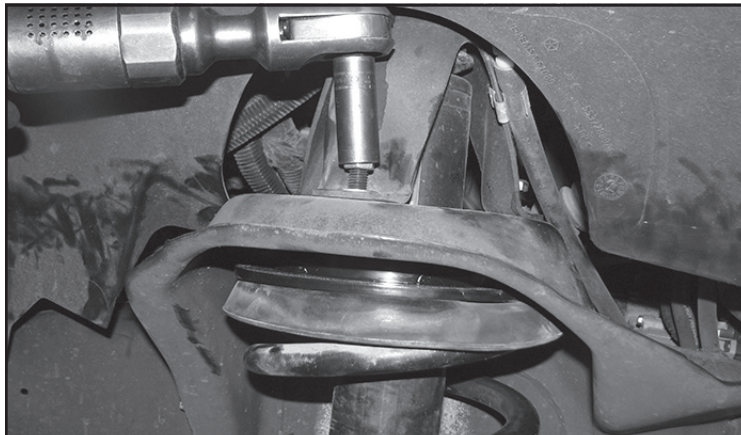


FIGURE 10 - STEP 9

10. Re-connect the track bar, torque to 240 ft-lbs, and the sway bar torque to 58 ft-lbs.
11. Install tires/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.**
12. Check front end alignment and set to factory specifications. Readjust headlights.
13. Recheck all bolts for proper torque.
14. Recheck brake hoses, ABS wires and suspension parts for proper tire clearance while turning tires fully left to right.
15. 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.

RETORQUE ALL NUTS, BOLTS AND LUGS AFTER 50 MILES AND PERIODICALLY THEREAFTER.