



*Installation Instructions*



FTL5107 2007-2015 GM 1500 TRUCK & SUV 2" [LEVELING KIT](#)



## **FTL5107 2007-2015 GM 1500 TRUCK & SUV 2" LEVELING KIT**

### **PARTS LIST:**

<b>Qty</b>	<b>Part #</b>	<b>Description</b>
2	FT20275	Spacer
1	FT20278	Hardware Kit
2	FT5107i	Instruction Sheet
1	FTAS12	Sticker
1	FTREGCARD	Reg. Card

### **HARDWARE LIST:**

<b>Qty</b>	<b>Description</b>
6	3/8"-24 x 1 1/4" Hex Bolt
6	3/8" Split Washer
6	3/8" Flat Washer
6	10mm-1.5 C-Lock
6	10mm Flat Washer
1	Thread Locking Compound

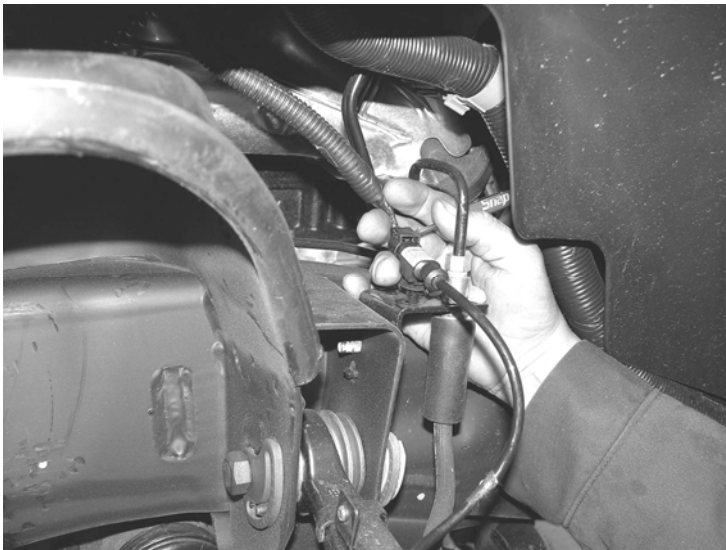
#### **Tool List: (Not Included)**

- Assorted Metric and S.A.E Sockets & Allen Wrenches
- Jack and Jack Stands
- Die Grinder with cut off wheel and sanding disc
- Hammer

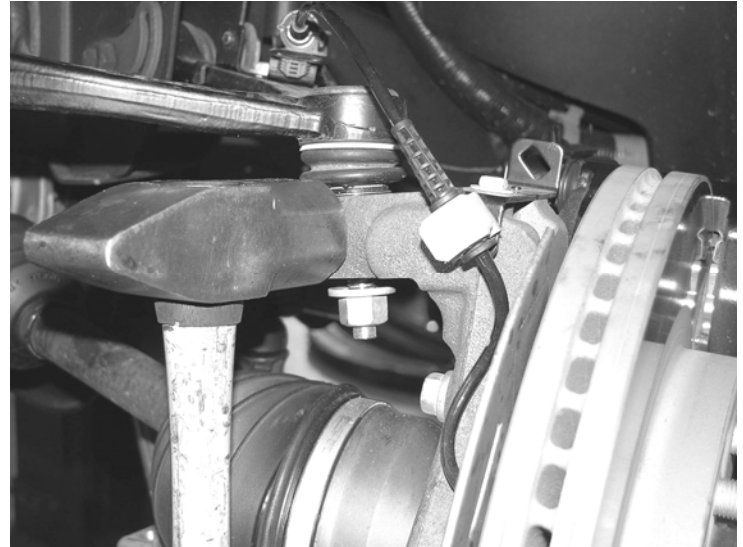
**READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION!**

## INSTRUCTIONS:

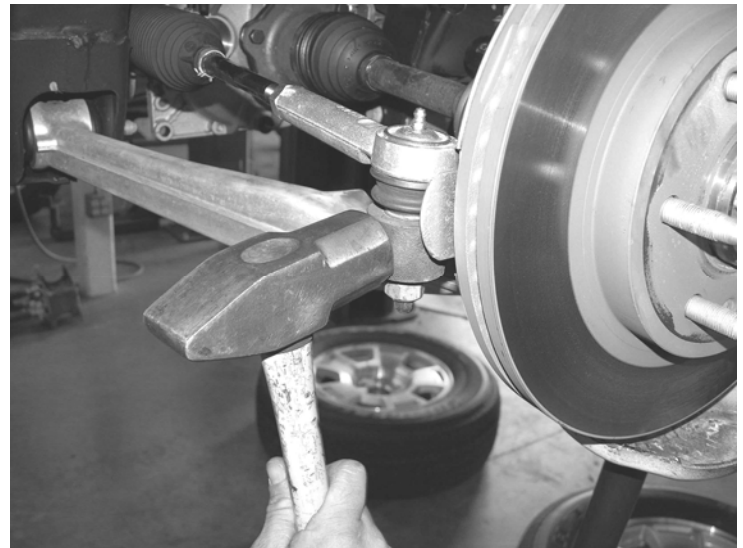
1. **Disconnect the negative terminal on the battery.** Place the Vehicle on a level working area. Block the rear tires. Working from both sides of the vehicle, jack up the vehicle and support the frame rails with jack stands. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE.** Remove both front tires.
2. Working from the driver side, support the bottom of the A-Arm with a jack. If vehicle is equipped with autoride, disconnect plug on top of the shock assembly. Remove the autoride bracket (if equipped) from A-Arm and save hardware. SEE PHOTOS BELOW.



3. Loosen the upper ball joint nut, strike the knuckle with a hammer till it comes loose from A-Arm. Save all hardware. (Use care not to hit threads.) SEE PHOTO IN NEXT COLUMN.



4. Loosen the tie rod nut and strike knuckle with hammer till it comes loose. Save all hardware (Use care not to hit threads.) Disconnect the factory swaybar endlinks and save with the hardware. SEE PHOTO BELOW.



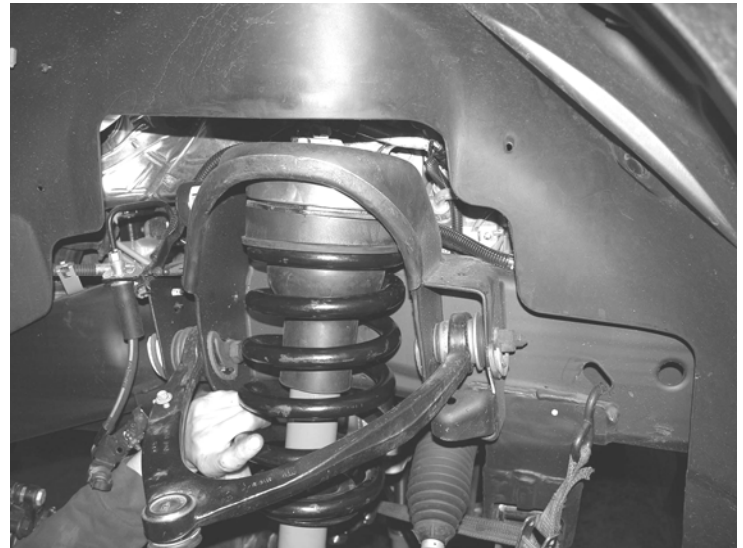
5. Remove the bottom coilover bolts and save. Disconnect the ABS line retainer from the stud on the coilover and remove the three nuts attaching the coilover to the coilover mount, discard hardware. Remove the coilover from vehicle. SEE PHOTO ON NEXT PAGE.



6. Repeat steps two through five on passenger side of truck
7. Locate FT20275 Coil Spacers and the supplied 10mm nuts and flat washers. Attach the Coil Spacer to the top of the factory coilover and torque to 30 ft.lbs. (**DO NOT USE AN IMPACT ON THE FACTORY STUDS**) Using a die grinder with a cutoff wheel, cut the excess of the factory studs flush with the top of the coil spacer. If required, use a die grinder with a sanding disc and sand the stud flush with spacer. Be sure not to cut into the spacer. SEE PHOTO BELOW AND IN NEXT COLUMN.



8. Install coilover and rotate it 180 degrees from the original position. This will align the new spacer to the original mounting holes in coilover mount. Attach the bottom part of the coilover to the lower A-Arm with the factory hardware. Torque bolts to 30 ft. lbs.
9. Using the supplied 3/8"x1 1/4" bolts, flat washers, split washers and thread locking compound, attach the coilover into the factory coilover mount. Torque to 30 ft. lbs. SEE PHOTO BELOW.



10. Attach the upper ball joint to the factory knuckle using the factory nut. Torque to 60 ft. lbs. Now reattach the tie rod to the steering knuckle using the factory nut. Torque to 50 ft. lbs.
11. Attach the factory swaybar endlinks with the factory hardware and tighten just till the bushings start to bulge. Attach the autoride bracket to upper A-Arm using the factory hardware. Re-connect the ABS sensor plug and attach the ABS line back to the upper A-Arm mount.

12. Reinstall wheels and tires and torque to manufactures specs. Turn wheels right and left to make sure there is proper clearance.

13. Check the front-end alignment and set to the factory specifications.

14. Re-check all bolts after 500 miles. Re-adjust headlights.