



*Installation Instructions*



**FTL5107 2007-2016 GM 1500 TRUCK & SUV 2" LEVELING KIT**

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### **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)**

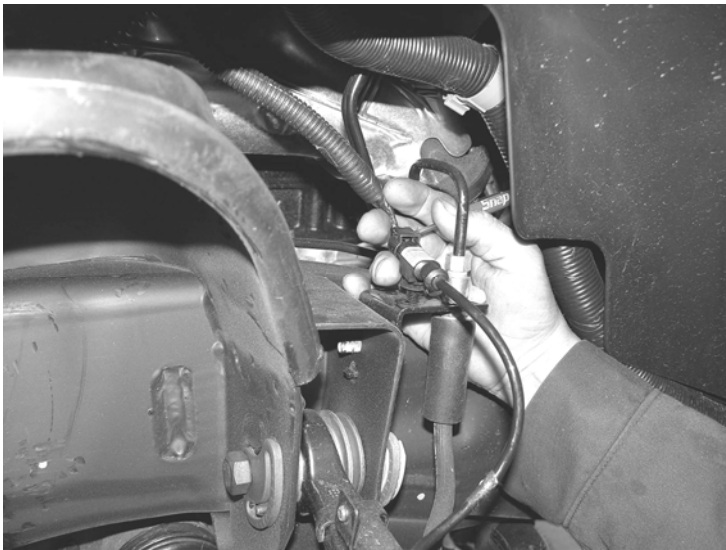
- Assorted Metric and S.A.E Sockets & Allen Wrenches
- Jack and Jack Stands
- Die Grinder with cut off wheel and sanding disc
- Hammer

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

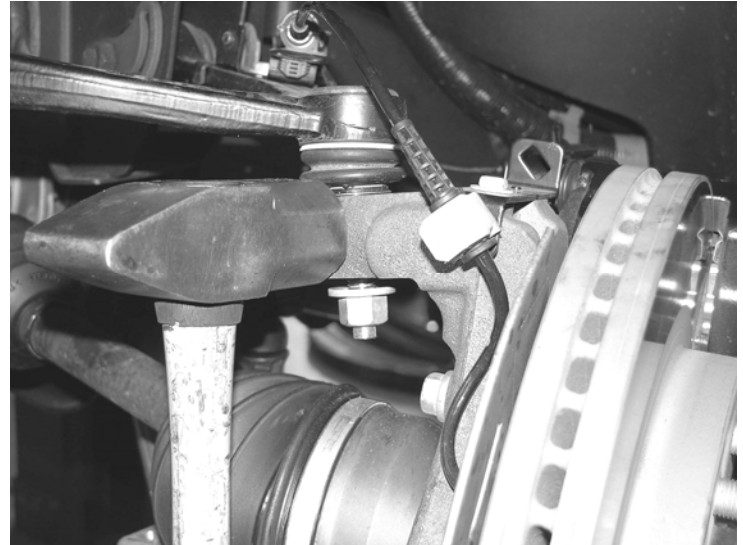
**CHECK ALL PARTS INCLUDED IN THIS KIT TO THE PARTS LIST ABOVE BEFORE BEGINNING INSTALLATION OF THIS KIT. IF ANY PIECES ARE MISSING, CONTACT FABTECH AT 909-597-7800.**

## INSTRUCTIONS:

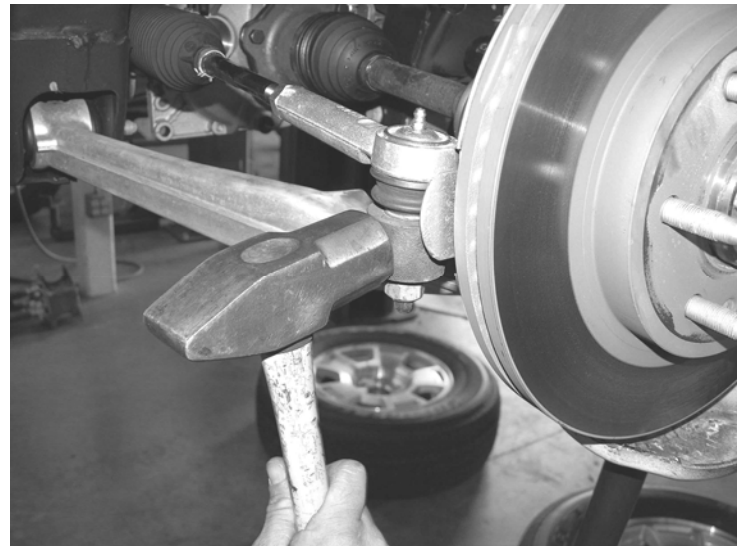
1. **Disconnect the negative terminal on the battery.** Place the Vehicle on a level working area. Block the rear tires. Working from both sides of the vehicle, jack up the vehicle and support the frame rails with jack stands. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE.** Remove both front tires.
2. Working 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.



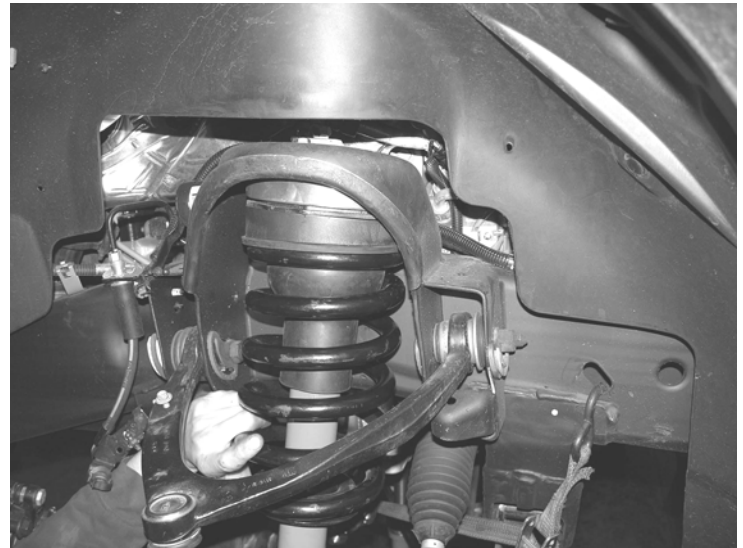
5. Remove the bottom coilover bolts and save. Disconnect the ABS line retainer from the stud on the coilover and remove the three nuts attaching the coilover to the coilover mount, discard hardware. Remove the coilover from vehicle. SEE PHOTO ON NEXT PAGE.



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 58 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 58 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 52 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.

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

For technical assistance call: 909-597-7800

**Product Warranty and Warnings-**

Fabtech provides a Limited Lifetime Warranty to the original retail purchaser who owns the vehicle, on which the product was originally installed, for defects in workmanship and materials.

The Limited Lifetime Warranty excludes the following Fabtech items; bushings, bump stops, ball joints, tie rod ends, limiting straps, cross shafts, heim joints. These parts are subject to wear and are not considered defective when worn. They are warranted for 60 days from the date of purchase for defects in workmanship.

Take apart shocks are considered a serviceable shock with a one year warranty on leakage only. Service seal kits are available separately for future maintenance. All other shocks are covered under our Limited Lifetime Warranty.

Fabtech does not warrant any product for finish, alterations, modifications and/or installation contrary to Fabtech's instructions. Alterations to the finish of the parts including but not limited to painting, powdercoating, plating and/or welding will void all warranties. Some finish damage may occur to parts during shipping which is considered normal and is not covered under warranty.

Fabtech products are not designed nor intended to be installed on vehicles used in race applications or for racing purposes or for similar activities. (A "RACE" is defined as any contest between two or more vehicles, or any contest of one or more vehicle against the clock, whether or not such contest is for a prize). This warranty does not include coverage for police or taxi vehicles, race vehicles, or vehicles used for government or commercial purposes. Also excluded from this warranty are sales outside of the United States of America.

Installation of most suspension products will raise the center of gravity of the vehicle and will cause the vehicle to handle differently than stock. It may increase the vehicle's susceptibility to a rollover, on road and off road, at all speeds. Extreme care should be taken to operate the vehicle safely at all times to prevent rollover or loss of control resulting in serious injury or death. Fabtech front end Desert Guards may impair the deployment or operation of vehicles equipped with supplemental restraining systems/air bag systems and should not be installed if the vehicle is equipped as so.

Fabtech makes every effort to ensure suspension product compatibility with all vehicles listed in the catalog, but due to unknown auto manufacturers production changes and/or inconsistencies by the auto manufacturer, Fabtech cannot be responsible for 100% compatibility, including the fitment of tire and wheel sizes listed. The Tire and Wheel sizes listed in Fabtech's catalog are only a guideline for street driving with noted fender trimming. Fabtech is not responsible for damages to the vehicle's body or tires.

Fabtech's obligation under this warranty is limited to the repair or replacement, at Fabtech option, of the defective product only. All costs of removal, installation or re-installation, freight charges, incidental or consequential damages are expressly excluded from this warranty. Fabtech is not responsible for damages and/or warranty of other vehicle parts related or non related to the installed Fabtech product. This warranty is expressly in lieu of all other warranties expressed or implied. This warranty shall not apply to any product that has been subject to accident, negligence, alteration, abuse or misuse as determined by Fabtech.

Fabtech suspension components must be installed as a complete system including shocks as shown in our current catalog. All warranties will become void if Fabtech parts are combined and/or substituted with other aftermarket suspension products. Combination and/or substitution of other aftermarket suspension parts may cause premature wear and/or product failure resulting in an accident causing injury or death. Fabtech does not warrant products not manufactured by Fabtech.

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