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2008-2016 FORD SUPER DUTY 4WD
REAR LIFT FOR 8” F-250 W/OUT FACTORY OVER LOAD LEAF
FTS22104 REAR LIFT KIT

	FTS22104	F- 250 8" Rear Kit
Qty	**Part #**	**Description**
2	FTBK5	5" Block
4	FT742U	U-Bolt
2	FT30275	Add-A-Leaf
1	FT30321	Hdwr Sub-Assembly
1	FTS419	Shim Kit
1	FT30240BK	Drv. Sway Bar Bracket
1	FT30241BK	Pass. Sway Bar Bracket

	FT30321	Hdwr Sub-Assembly Kit
Qty	**Part #**	**Description**
2	FT22104i	Instruction Sheet
1	FT30166	E-Brake Cable Sleeve
1	FT90080	Center Pin Kit
2	FT30284	Leaf Spring Spacer
1	FT30620	Hardware Kit

Tool List: (Not Included)

Floor Jack
Jack Stands
Assorted Metric and S.A.E Sockets & Allen Wrenches
Drill w/ Assorted Drill bits

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

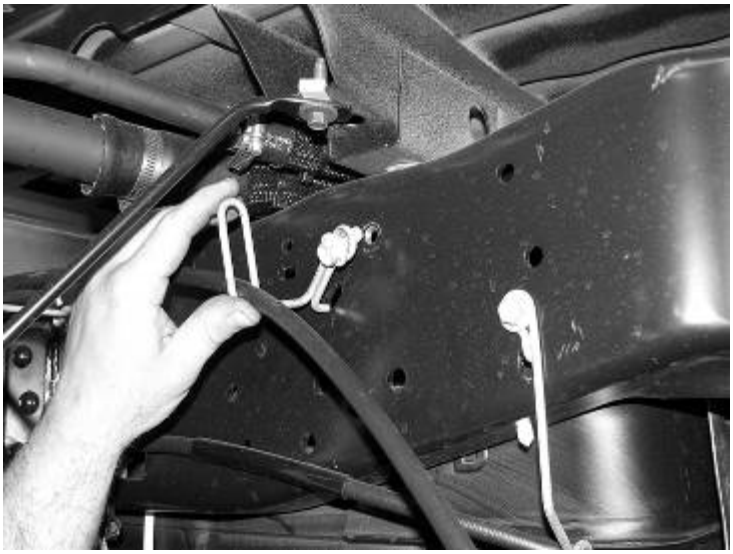
CHECK ALL PARTS INCLUDED IN THIS KIT TO THE PARTS LIST ABOVE BEFORE BEGINNING INSTALLATION OF THIS KIT. IF ANY PIECES ARE MISSING, CONTACT FABTECH AT 909-597-7800

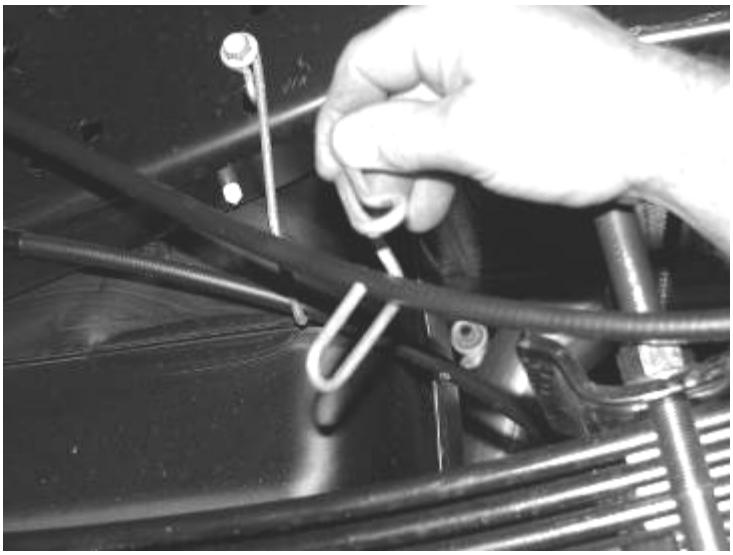
FOOTNOTES - VEHICLES EQUIPPED WITH A REAR SWAY BAR ORDER PART # FTS92033 (16” LINK) OR PART # FTS92034 (26” LINK)

INSTRUCTIONS:

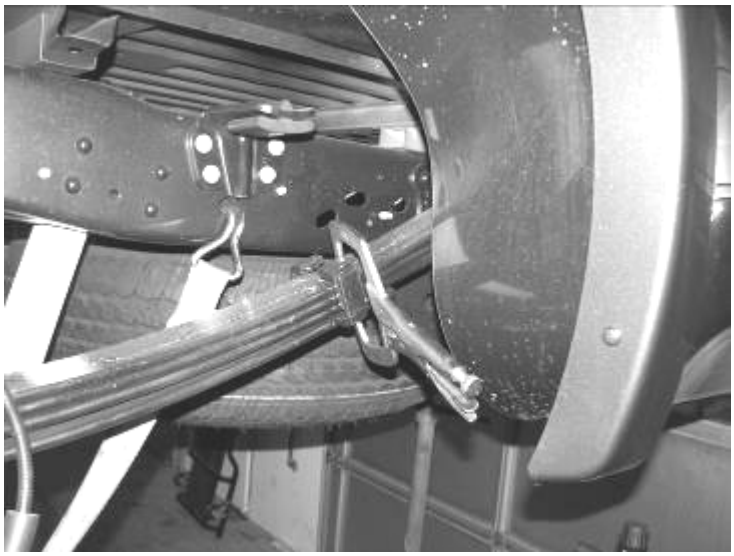
1. Disconnect the negative terminal on the battery. Jack up the rear end of the vehicle and support the frame rails with jack stands. Supporting the rear differential remove and discard the rear shocks and u-bolts. Lower the axle down slowly. Use care not to over extend the brake hose. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE!**

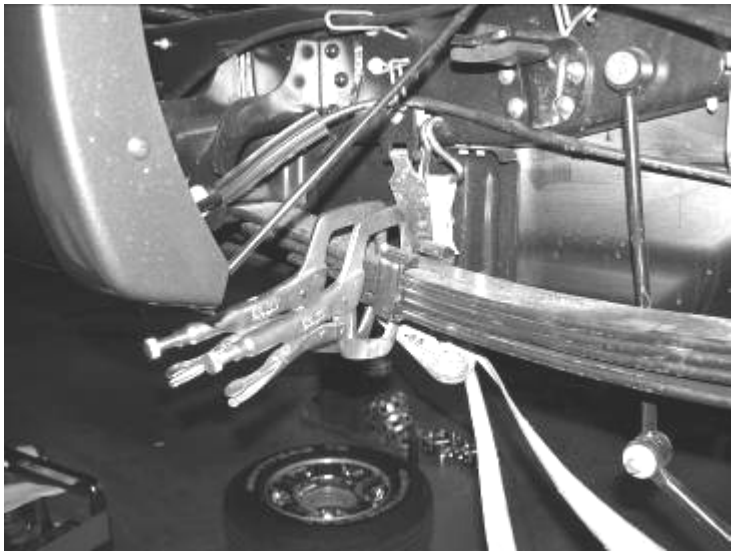
2. Locate the factory emergency brake cable bracket on the driver's side rear frame section and remove. Use a die grinder with a cut-off wheel and cut the bracket ONLY. Remove the bracket from the cable and discard with the hardware. SEE PHOTOS BELOW



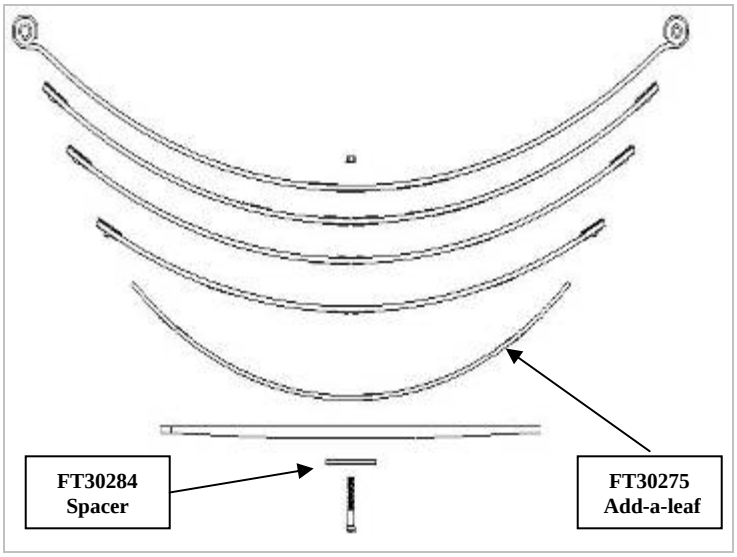


3. Clamp the leaf spring in the middle of the spring and remove the center bolt. (DO NOT REMOVE THE LEAF SPRING FROM THE TRUCK)

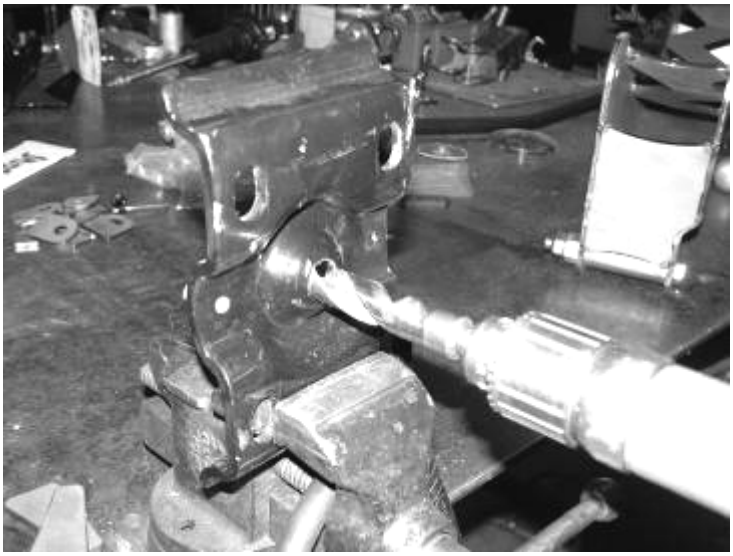




4. Separate the individual leafs and install the provided FT30275 add a leafs with the new center bolt in a pyramid pattern smallest on the bottom graduating to the longest on top. Locate FT30284 Leaf Spring Spacer and place on the bottom of the stack. Clamp the spacer and springs and tighten the center bolt as not to leave a gap between the springs. Cut the thread of the bolt smooth with the nut. The nut should be on the top of the leaf spring pack. SEE DRAWING ON NEXT PAGE

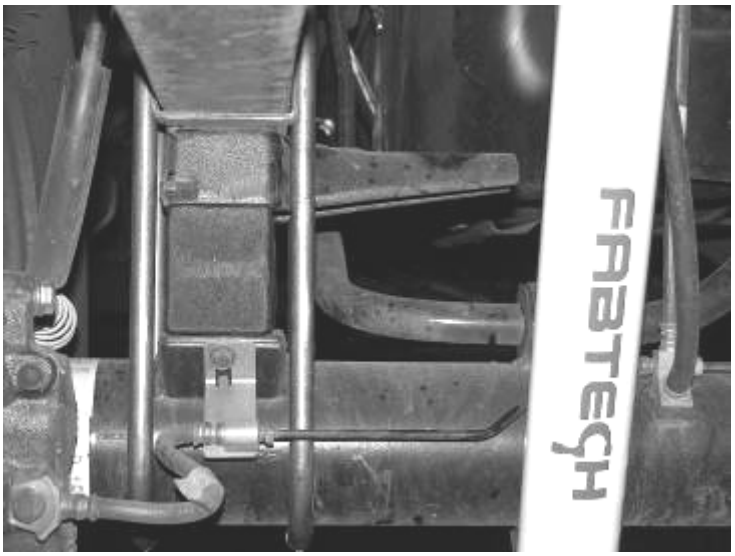


5. (**2008-2011 MODELS)**--Locate the upper leaf spring plate. Use a drill with a 13/16" drill bit and enlarge the factory hole in the plate. This is so the new center pin nut will fit inside the plate. SEE PHOTO BELOW



6. Locate and install the rear lift blocks, the factory block will be positioned on top of the new Fabtech block, with the short center pin of both blocks facing down, to the axle. The short end of the blocks should face to the front of the vehicle. Using the supplied u-bolts, nuts, and washers align axle, lift blocks, and springs and torque to U-Bolts to 180 ft-lbs. SEE PHOTO BELOW

2008 - 2011 MODEL UBOLT CONFIGURATION SHOWN BELOW

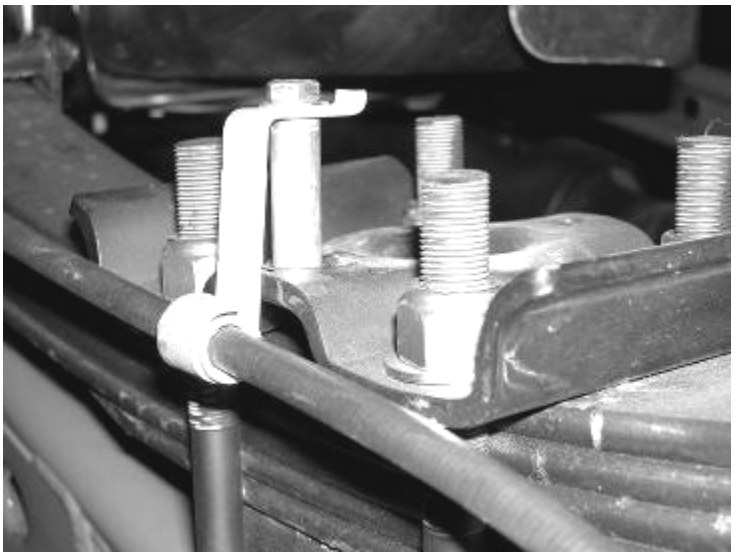


2012 - UP MODEL UBOLT CONFIGURATION SHOWN BELOW

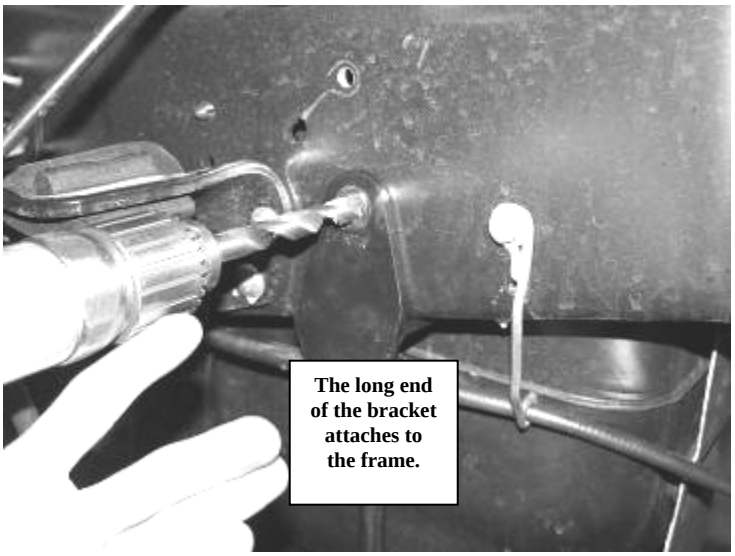
7. Install Fabtech shock part number FTS7266 Performance Shocks or FTS81005 Dirt Logic Shocks (not included) with the factory hardware and torque bolts to 65ft-lbs.

8. Locate the E-Brake Cable mount on the driver side spring pack perch. Remove the bolt attaching it to the perch and discard the hardware.

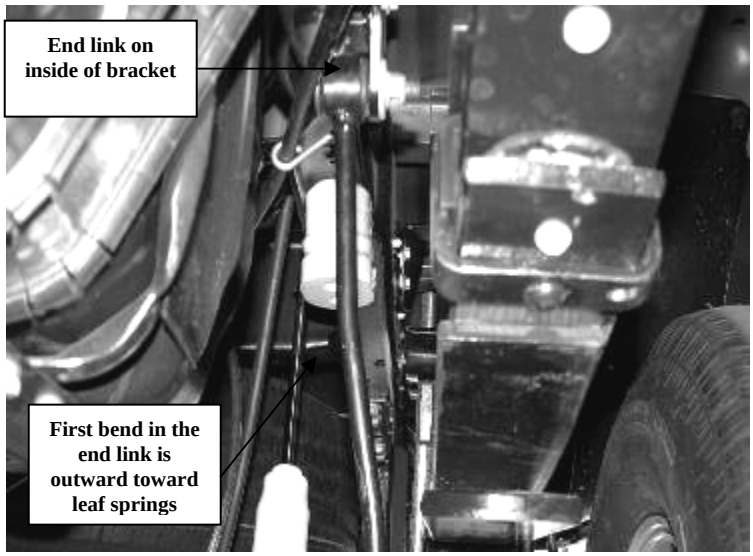
9. Locate FT30166 E-Brake Cable Sleeve and attach between the spring perch and E-brake Cable bracket using the supplied 5/16"-18 x 2" bolt and split washer. SEE PHOTO BELOW

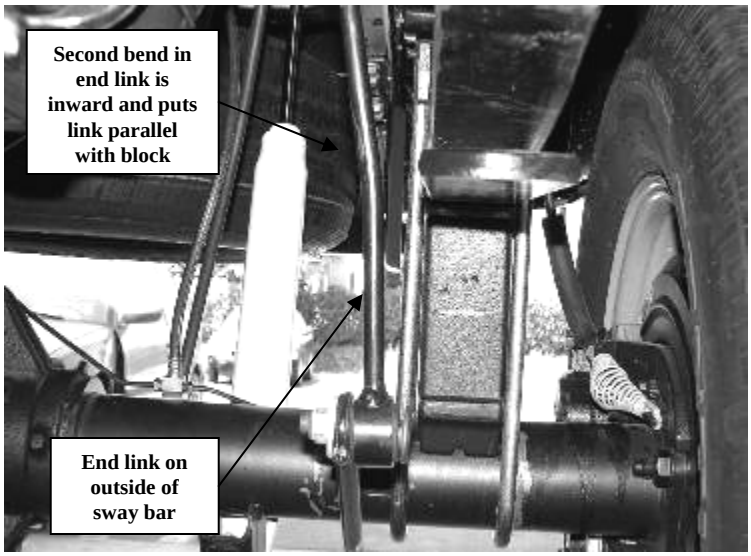


10. Locate the FT30240BK (driver) and FT30241BK (pass) Rear Sway Bar Drop Brackets. Remove the factory sway bay end links from the frame and the sway bar ,save the hardware. Place the drop bracket onto the frame so that the hole in the new bracket is directly above the factory hole **(the longer end of the bracket goes upward and attaches to the frame)**. Use a paint pen or center punch to mark the center of the hole. Using a drill, drill the new hole into the frame starting with a smaller size bit and working up to the ½" size. Attach the bracket with the supplied ½"x 1 ½" hardware and torque to 75 ft. lbs. Using a drill with a 3/8" bit, drill the bottom hole through the new bracket into the frame. Use the supplied 3/8" hardware and install the bolts through the bracket into the frame, torque to 30 ft. lbs. Install the end link into the bottom of the new drop bracket with the factory hardware and torque to 50 ft. lbs. SEE PHOTO BELOW



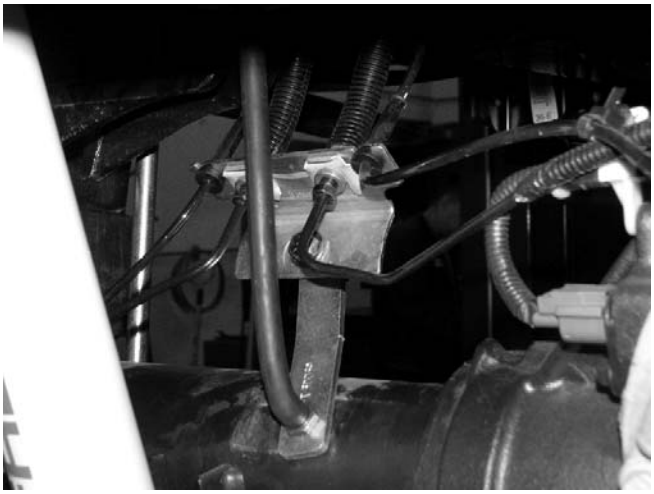
11. Locate the factory sway bar endlinks. Attach the end link with the factory hardware to inside of the frame bracket so that the first bend in the link is outward toward the spring. The second bend in the link is inward and has the link parallel to the block. Attach the bottom of the link to the outside of the sway bar. SEE PHOTOS BELOW AND IN NEXT COLUMN





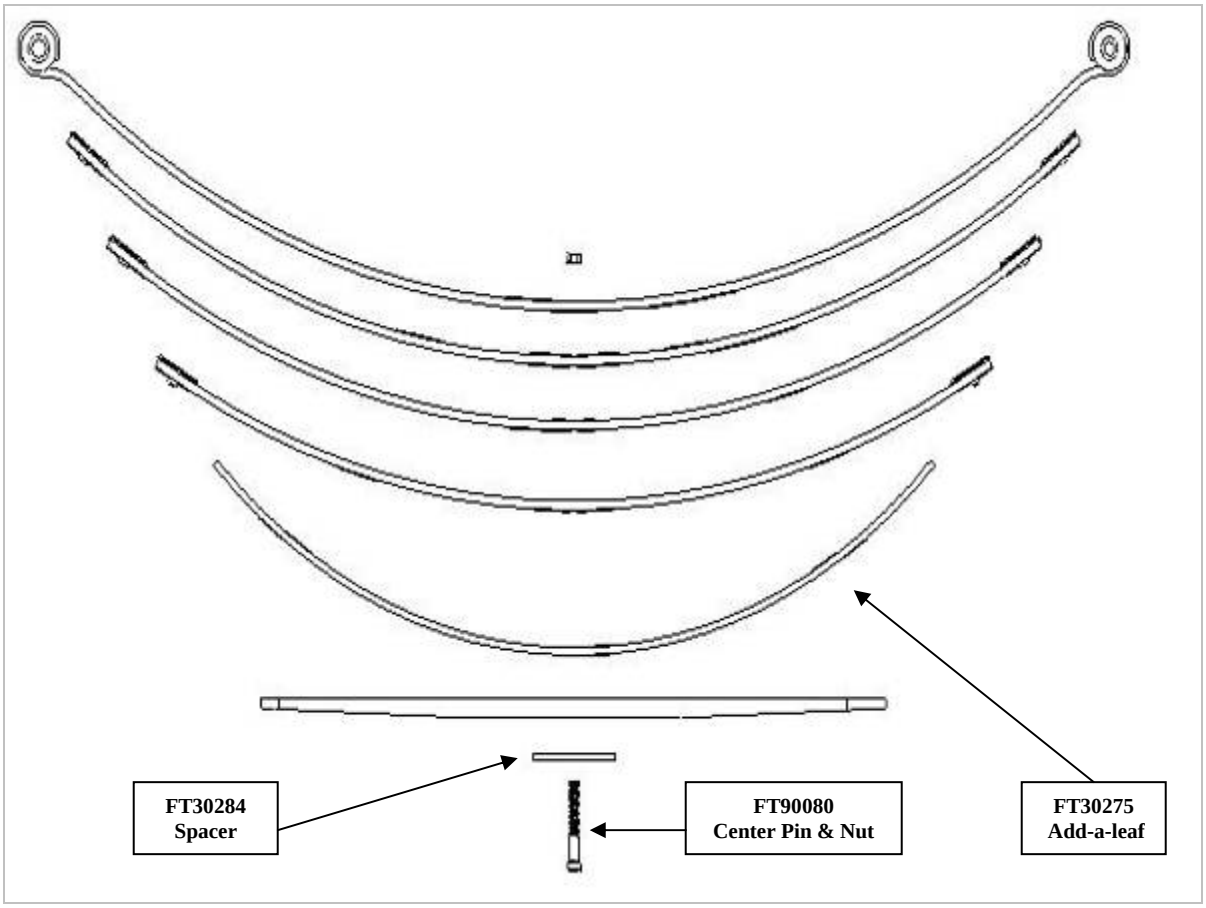
12. Install FTS419 Shim Kit per the instructions in the FTS419 box.

13. **2011 models only** .Locate the factory brake line mount on the driver side of the axle. Remove the vent line from the bolt and remove bolt, save hardware. Locate the supplied brake line bracket FT30059 in front box kit; attach the side with the sleeve to the axle using the factory hardware. Using the supplied 3/8” x 2” bolt, nut, and washer attach the brake line to the other end. Reattach vent line. SEE PHOTO BELOW.



14. Recheck all bolts for proper torque. Recheck brake hoses and lines for proper clearances.

15. 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.
16. Check front-end alignment and set to factory specifications. Readjust 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 inconstancies 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.

Installation of Fabtech product may void the vehicles factory warranty; it is the consumer's responsibility to check with their local vehicle's dealer for warranty disposition before the installation of the product.

It is the responsibility of the distributor and/or the retailer to review all warranties and warnings of Fabtech products with the consumer prior to purchase.

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