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INSTALLATION INSTRUCTIONS 2007 GM K1500 P/U & S.U.V. TIE ROD REPLACEMENT

FTS21063 Replacement Tie Rod Kit

PARTS LIST:

Qty	Part #	Description
2	FT20277	Tie Rod End Driver/Passenger
2	FT21063i	Instruction Sheet
1	FT21063-1	Processing Instructions
1	FT21063-2	Reimbursement Form

READ THE FOLLOWING BEFORE BEGINNING INSTALLATION

INSTALLATION OF THESE TIE ROD ENDS DOES NOT REQUIRE A RE-ALIGNMENT OF THE VEHICLE IF THE INSTALLATION FOLLOWED PROPERLY AS PRINTED IN THIS DOCUMENT

DO NOT ALTER THE FINISH OF THESE COMPONENTS, EXAMPLE- CHROMING, ZINC PLATING OR PAINTING. CHANGING THE FINISH CAN CAUSE STRUCTURAL FATIGUE OF COMPONENTS.

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

READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION! IF THESE INSTRUCTIONS ARE NOT PROPERLY FOLLOWED, SEVERE FRAME, SUSPENSION AND TIRE DAMAGE MAY RESULT TO THE VEHICLE.

VEHICLES THAT WILL RECEIVE OVERSIZED TIRES SHOULD CHECK BALL JOINTS, TIE RODS ENDS AND IDLER ARM EVERY 2500-5000 MILES FOR WEAR AND REPLACE AS NEEDED.

Tool List: (NOT INCLUDED)

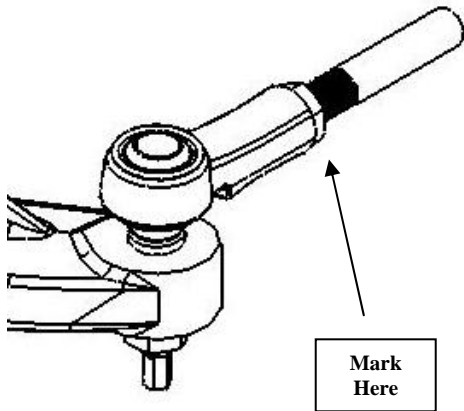
- Floor Jack & Jack Stands
- Assorted Metric & S.A.E Sockets & Allen Wrench's
- Torque Wrench
- Tie Rod End Remover
- Grease Gun with Grease
- Paint Pen

INSTALLATION INSTRUCTIONS

1. Disconnect the negative terminal on the battery. Jack up the front end of the truck and support the frame rails with jack stands. Remove the front tires.

NEVER WORK UNDER AN UNSUPPORTED VEHICLE!

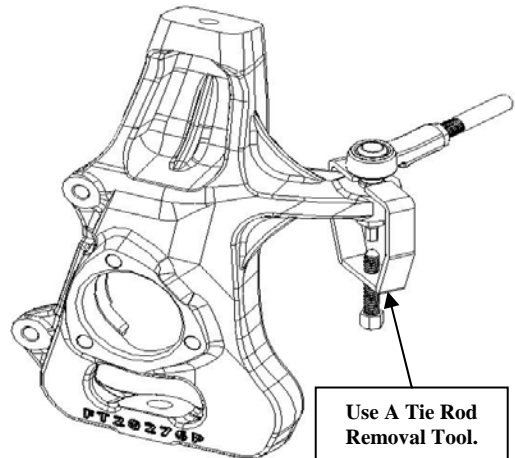
2. Using a paint pen, mark the location of the Jam Nut to the Outer Tie Rod End on the inner tie rod. Using a tape measure, measure the amount of threads exposed from the Jam Nut to the Inner Tie Rod End. Record this measurement from both Driver and Passenger Sides of the truck. This must be done in order to retain the current alignment of the vehicle. Performing this process will ensure that a new front alignment will not be necessary. SEE DRAWING BELOW.



Driver_____

Passenger_____

3. Working from the driver side of the truck, remove the nut attaching the Tie Rod End to the Steering Knuckle. Discard the nut. Using a Tie Rod End Removal Tool, remove the Tie Rod End from the Steering Knuckle. **DO NOT USE A HAMMER TO REMOVE THE TIE ROD END FROM THE STEERING KNUCKLE. IT CAN DAMAGE THE STEERING KNUCKLE.** SEE DRAWING IN NEXT COLUMN.



4. Loosed the Jam Nut on the Tie Rod End approx. one turn. Remove the Tie Rod End from the truck and **follow the return procedure enclosed in this kit.**
5. Locate the FT20277 Tie Rod End supplied with this kit and install onto the factory Inner Tie Rod. Reinstall the new Tie Rod End to the recorded measurement and tighten the Jam Nut. Double check the Jam Nut is located to the earlier painted mark and the measurements of the exposed threads are the same as recorded earlier. **IF THE TIE ROD ENDS ARE NOT SET BACK TO THE ORIGINAL MEASUREMENTS THE TRUCK WILL BE OUT OF ALIGNMENT.**
6. Using the supplied nut, attach the Tie Rod End to the steering knuckle and torque to 40 Ft. LBS.
7. Repeat all steps on the passenger side of the truck.
8. Reinstall the tires onto the truck and torque the lugs to factory specifications, which can be found in the owner's manual. Set the truck back on the ground and cycle the steering left to right from stop to stop. Make sure there is plenty of clearance between the ABS line and all other components.
9. Return the used tie rods and appropriate paperwork to Fabtech per included processing instructions in order to receive labor reimbursement.

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.

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.

Fabtech reserves the right to supercede, discontinue, change the design, finish, part number and, or application of parts when deemed necessary without written notice. Fabtech is not responsible for misprints or typographical errors within the catalog or price sheet.