



www.fabtechmotorsports.com

4331 EUCALYPTUS AVE. CHINO, CA. 91710
PHONE 909-597-7800 FAX 909-597-7185

FTS80029 2.25" Dirt Logic Shock Installation Instructions *2004-07 F150 rear shock*

Installation Instructions

PARTS LIST:

Qu a	Part #	Description
1	FTS80029	Dirt Logic 2.25 w/ Resi.
1	FT86001	Bushing Kit
1	FTS89903	2.25" Urethane Mounting Kit
2	FT800291	Instruction Sheet

TOOL LIST: (NOT INCLUDED)

- FLOOR JACK & JACK STANDS
- ASSORTED S.A.E. WRENCHES & SOCKETS
- TORQUE WRENCH
- DIE GRINDER W/ 1" CARBIDE BITE
- FLAT BLACK SPRAY PAINT



FTS80029 2.25" Dirt Logic Shock Installation Instructions
2004-07 F150 rear shock

READ BEFORE BEGINNING INSTALATION

DIRT LOGIC SHOCKS ARE BUILT TO EXACTING STANDARDS AND ARE PROPERLY TUNED FOR YOUR VEHICLE IN ORDER TO OPTIMIZE YOUR RIDE. REMEMBER THAT EACH DIRT LOGIC SHOCK IS DESIGNED AND BUILT TO BOTH BEAUTIFY AND UPGRADE YOUR VEHICLE SO SPECIAL CARE SHOULD BE TAKEN WHEN INSTALLING AND CLEANING YOUR NEW DIRT LOGIC SHOCK.

BEFORE INSTALLING THIS SHOCK MAKE SURE TO FOLLOW THE INSTRUCTIONS SUPPLIED WITH THE FABTECH PERFORMANCE SUSPENSION SYSTEM YOU PURCHASED.

THIS DIRT LOGIC SHOCK IS SHIPPED PRESSURIZED WITH NITROGEN. PAY CAREFUL ATTENTION NOT TO DISCHARGE THIS SHOCK WITHOUT PROPER TOOLS AND TRAINING. DO NOT USE ANY HEAVY DEGREASER OR OTHER ACIDIC CLEANER ON ANY PART OF THIS SHOCK.

IF THIS SHOCK IS EQUIPPED WITH A COIL, BE AWARE THAT THE COIL HAS SOME AMOUNT OF PRELOAD FROM THE FACTORY AND SHOULD NOT BE REMOVED WITHOUT PROPER TOOLS AND TRAINING.

IF THIS SHOCK IS EQUIPPED WITH A RESERVOIR HOSE, DO NOT LOOSEN OR REMOVE HOSE WITHOUT FOLLOWING PROPER DIRECTION AND TRAINING AND USING PROPER TOOLS.

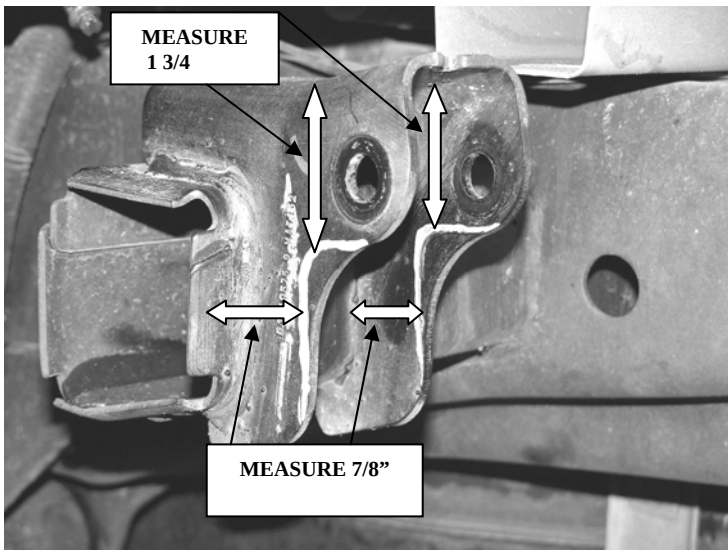
DO NOT ALTER THE FINISH OF THESE COMPONENTS, EXAMPLE- CHROMING, ZINC PLATING OR PAINTING. CHANGING THE FINISH CAN CAUSE STRUCTURAL FATIGUE OF COMPONENTS.

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

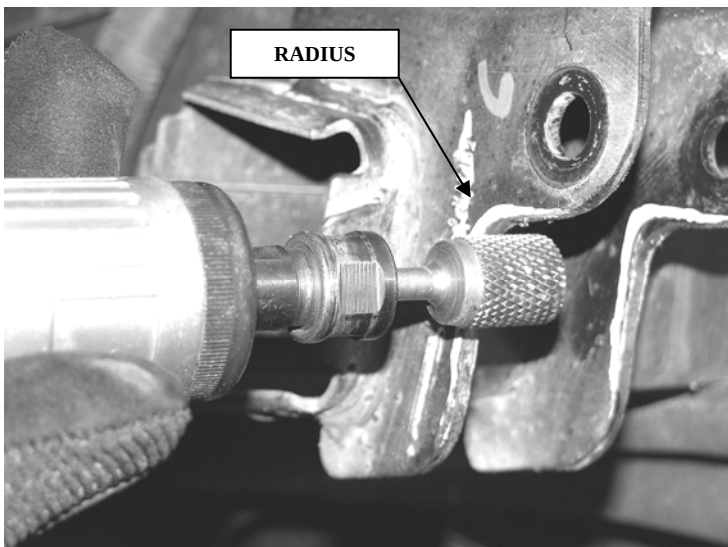
NOTE- READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION! IF THESE INSTRUCTIONS ARE NOT PROPERLY FOLLOWED SEVERE SHOCK AND OR SUSPENSION DAMAGE MAY RESULT.

INSTRUCTIONS:

1. Disconnect the negative terminal on the battery. Park the truck on level ground and set the emergency brake. Jack up the rear end of the truck and support the frame at the front frame rails with jack stands. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE.** Remove the rear tires.
2. Remove rear shock and disregard saving the stock hardware.
3. Locate Dirt Logic replacement shocks p/n fts81029 Non-Resi or fts80029 Resi. Shock and install the bushing kit onto the 2.25" Shock included in the package.
4. Working from the driver side of the truck, use a white paint marker to mark the upper shock mount as shown in the photo below. SEE PHOTO BELOW



5. Using a 1" carbide bite, grind the tab back to the marked area. Make sure to radius all edges. SEE PHOTO BELOW



6. Once the tab is ground out to the measurements, install the shock. Cycle the shock to make sure no further grinding is needed. SEE PHOTO IN NEXT COLUMN.



7. Once the shock fits properly remove the shock and paint any raw material where grinding took place to prevent any rusting. SEE PHOTO BELOW.



8. Once the paint is dry mount the Dirt Logic shock using the factory hardware and torque to 50 lbs. SEE PHOTO BELOW



9. Find the reservoir mounting kit supplied with the shocks. Read the reservoir mounting instructions supplied with the kit and install. SEE PHOTO BELOW



10. Re-torque all the hardware after 200 miles.

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.