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**FTS80055 2.0 Dirt Logic Shock Installation Instructions**  
*1999-05 GM 1500 4X4 2.0 dual front shock*

## **Installation Instructions**

**PARTS LIST:**

Qu a	Part #	Description
1	FTS80055	Dirt Logic 2.0 w/ Resi.
1	FT86015	Bushing Hardware Kit 15
1	FTS89904	2.0 Resi. Mounting Kit
2	FT80055i	Instructions

***TOOL LIST: (NOT INCLUDED)***

- FLOOR JACK & JACK STANDS
- ASSORTED S.A.E. WRENCHES & SOCKETS
- TORQUE WRENCH



**FTS80055 2.0 Dirt Logic Shock Installation Instructions**  
*1999-05 GM 1500 4X4 2.0 dual front 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.**

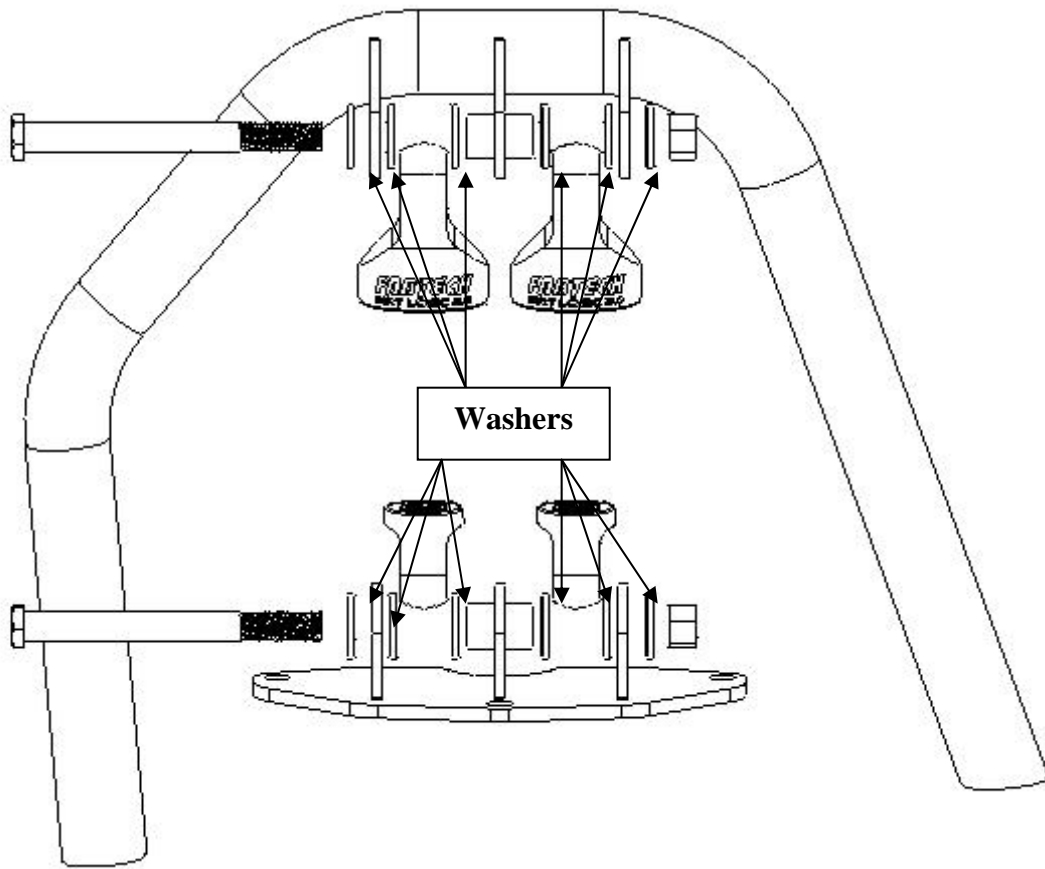
**DO NOT ALTER THE FINISH OF THESE COMPONENTS, EXAMPLE- CHROMING, ZINC PLATING OR PAINTING. CHANGING THE FINISH CAN CAUSE STRUCTURAL FATIGUE OF COMPONENTS.**

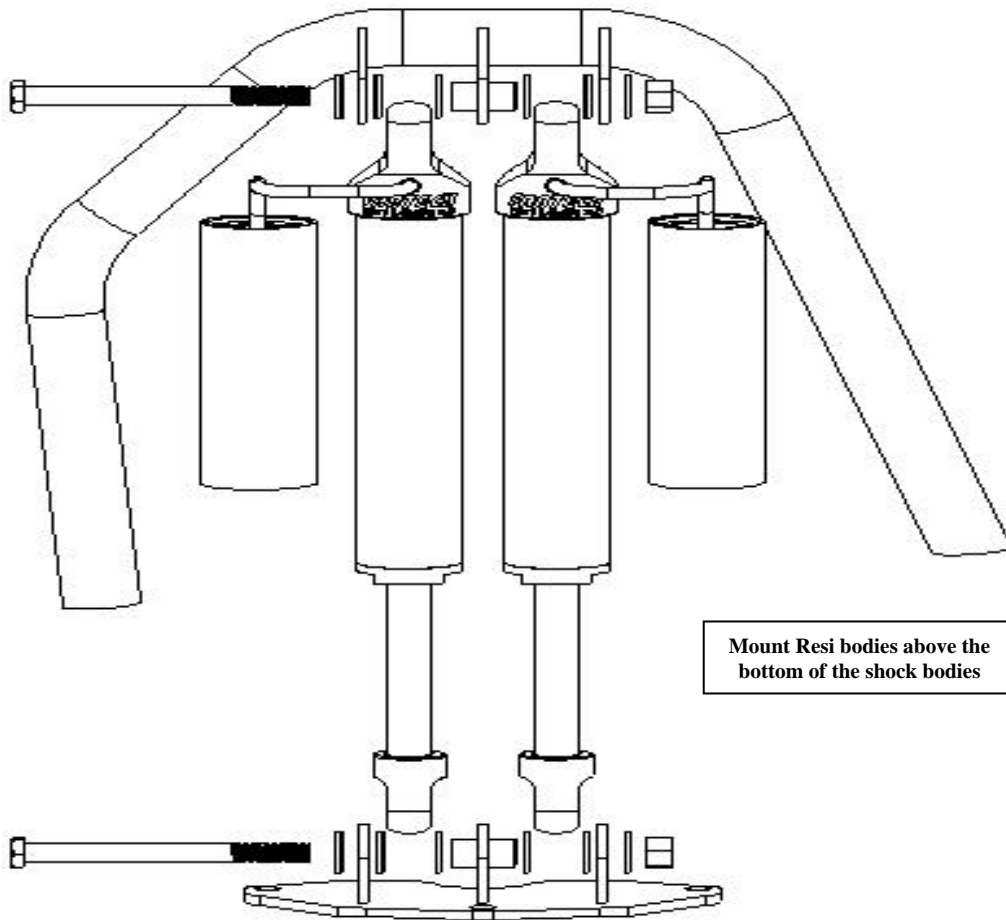
**CHECK ALL PARTS INCLUDED IN THIS KIT TO THE PARTS LIST ABOVE BEFORE BEGINNING INSTALLATION OF THE KIT. IF ANY PIECES ARE MISSING, CONTACT FABTECH AT 909-597-7800**

**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 front end of the truck and support the frame at the front with jack stands. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE.** Remove the front tires.
2. Working from the driver side of the truck, remove the dual front white body shocks. Discard the shocks and save all the old hardware.
3. Locate Dirt Logic 2.0 front shocks p/n fts80055 Resi. Shock. Using the supplied bushing kit, install two bushings and a sleeve into each end of the shocks.
4. Install the assembled shock using the original hardware into the shock hoop with the reservoir facing towards the outside of the truck. Insert the bolt into the front of the mount (with a washer) through the upper mount. Place a washer between both sides of the shock. Push the bolt through the center upper mount. Place another washer on the bolt and follow with the shock and another washer. Place another washer and Ny-Lock nut on the outside of the mount. Torque to 55 lbs.
5. Now install the lower rod end of the shock into the tabs on the upper arm. Place the ½ washers in the same places as the top mount; slide the saved ½ X 6” bolt through and hand tighten. Torque to 55 ft lbs. **NOTE: Make sure a washer is placed on both sides of the shock bushing. This is needed to keep the bushing from failing.**
6. Locate the reservoir mounting kit p/n fts89904. Read the instructions supplied with the kit carefully before installing reservoirs. **Note: Make sure that the bottom of the reservoir bodies are not lower than the shock bodies. This will keep the upper A-Arms from hitting.**
7. Locate the limit strap that is supplied with the kit. Now with both the tires back on the vehicle and the truck sitting on the ground you can begin to install the limit strap. Start at the lower mount where the stock shock used to be. First put one of the big washers on the supplied bolt now put the bolt through the limit strap and then the lower mount. Take the other big washer and put it on the other side of the mount with the smaller washer and Ny-lock nut following. Torque to 55 ft lbs. Move to the top. Take the thicker washer and put it on the stud part of the limit strap, now put the stud through the stock upper shock mount followed by the other thick washer and the Ny-lock nut. Torque to 55 ft. lbs. **Note: Failure to use the limit strap will result in damage to the CV and the upper shock hoop.**
8. Repeat steps all steps on passenger side of the truck.
9. Turn the wheels left to right to check for clearance from the reservoir to tire before driving to make sure nothing is going to hit.
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.