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**FTS21043 2.5" Dirt Logic Coilover Shock Installation Instructions**  
**2007 GM 1500 4X4 & Tahoe 4X4**

## **Installation Instructions**

### **PARTS LIST:**

2	FTS8251 1	Dirt Logic 2.5 Non Resi.
2	FT86023	2.5 Bar Pin Hardware
2	FT82511i	Instruction Sheet

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

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



**FTS82511 2.5" Dirt Logic Shock Installation Instructions**  
*2007 1500 front coilover 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 frame rails with jack stands. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE.** Remove the front tires.
2. Remove front shock and disregard.
3. Locate Dirt Logic replacement shocks p/n fts82511 Non-Resi 2.5" front coilover shock.
4. Starting at the driver side of the vehicle slide the shock over the top of the upper arm and position the shock towards the rear of the truck. SEE PHOTO BELOW



5. Line up the 3 holes on the upper mount and install the 3 bolts / washers provided with the Coilover kit. SEE PHOTO BELOW



6. Slide the lower bar pin into place with the shock positioned towards the rear of the truck. SEE PHOTO BELOW



7. Line up the holes of the bar pin and insert the two 7/16 X 2 3/4" bolts that are supplied with the kit and torque them to 55 ft lb. SEE PHOTO BELOW



8. Now move to the passenger side and repeat the procedures for the installation of the Coilover
9. If the ride height of the vehicle needs to be adjusted you can purchase spanner wrench part number FTS98008

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.