



Installation Instructions

FTS51008BK 6" 01-05 GM K2500 SUV Auto Ride Shock Mount Kit

PARTS LIST:

2	FT20127BK	SHK EXT 6" FRT 2500 AR MNT
2	FT20130BK	SHK EXT 6" RR 2500 AR MNT
2	FT20131BK	SHK EXT 6" RR 2500 AR BRACE
1	FT20132BK	SHK EXT 6" RR 2500 AR SPACER
2	FT20136	AUTO RIDE REAR SENSOR BRACKET
1	FT20137	HARDWARE KIT
1	FT51008i	INSTRUCTION SHEET

HARDWARE:

2	9/16-12 x 3" Hex Cap Bolt
4	9/16" SAE Flat Washer
2	9/16-12 Steel Lock Nut
2	3/8-16 x 1-3/4" Hex Cap Bolt
4	3/8" SAE Flat Washer
2	3/8-16 Nyloc Lock Nut
2	9/16-12 x 3" Hex Cap Bolt
2	9/16" SAE Flat Washer
2	9/16-12 Steel Lock Nut
1	1/2-13 x 1-1/2" Hex Cap Bolt
1	1/2-12 x 2" Hex Cap Bolt
2	1/2-13 Steel Lock Nut
4	1/2" SAE Flat Washer
2	1/4-20 Hex Cap Bolt
2	1/4-20 Nyloc Lock Nut
4	1/4" SAE Flat Washer
2	9/16-12 x 4-1/2" Hex Cap Bolt
2	9/16-12 Steel Lock Nut
4	9/16" SAE Flat Washer
2	8mm x 1.25mm Nut (non locking)
1	Lock Tite

TOOL LIST (NOT INCLUDED)

Assorted Metric & SAE Sockets & Wrenches
Torque Wrench
Drill

READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION! IF THESE INSTRUCTIONS ARE NOT PROPERLY FOLLOWED, SEVERE FRAME, DIVELINE AND / OR SUSPENSION DAMAGE MAY RESULT. CHECK FOR FRAME AND SUSPENSION DAMAGE PRIOR TO INSTALLTION. THIS KIT DOES NOT REQUIRE WELDING FOR INSTALLATION. DO NOT WELD ANY OF THESE COMPONENTS.

THE INSTALLTION OF THIS KIT SHOULD BE PERFORMED BY A PROFESSIONAL MECHANIC.

INSTALLATION -

1. Disconnect the negative terminal on the battery. Jack up the front end of the truck and support the frame rails with jack stands. Never work under an unsupported vehicle.
2. Working from the front driver side of the truck, remove front shock bolt from lower control arm and compress shock. **Do not remove shock from upper mount or disconnect upper stem harness.** Disconnection of harness may cause damage to on board computer.
3. Locate Fabtech mount FT20127 and insert the factory shock into the new mount. Use the supplied 3/8" x 1 3/4" bolt, nut, and washer and the 9/16" x 3" bolt, nut, and washer to attach the shock to the new mount. Leave loose.
4. Attach the new Fabtech shock mount to the factory lower control, use factory hardware. Torque 3/8" bolt to 20lbs and 2 eye bolts to 50lbs. SEE PHOTOS BELOW.



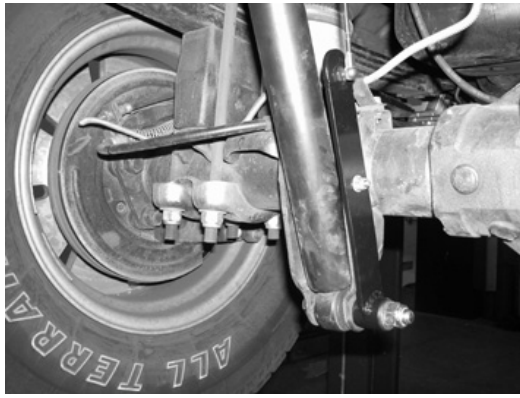
5. Repeat steps two through four on passenger side of truck.
6. Reinstall the tires onto the truck and torque the lugs to wheel manufactures specifications.

Rear Installation:

7. Jack up the rear end of the vehicle and support the frame rails with jack stands. Remove tires and wheels.

DO NOT UNPLUG ELECTRICAL CONNECTION ON SHOCK AT ANYTIME. DO NOT ALLOW SHOCK TO HANG FROM ELECTRICAL CONNECTION.

8. Working from both sides of the truck, with a floor jack slightly jack up on the axle to compress the shock approximately 1/2". On the lower shock mount locate the Auto Ride sensor arm, unbolt the mount and save hardware. Remove the lower shock bolt and discard. Locate Fabtech sensor bracket FT20136, with the supplied 9/16" x 4 1/2" bolt, nut, and washers and 3/8" x 1 3/4" bolt, nut, and washers attach to the factory lower shock mount. Reattach the Auto Ride sensor arm to the new mounting hole in the Fabtech bracket using the supplied 8 mm nut and Lock Tite. Torque 9/16" bolt to 60lbs, 1/4" bolt to 5lbs, and factory nut to 5lbs. SEE PHOTO BELOW.



Drivers Side Rear

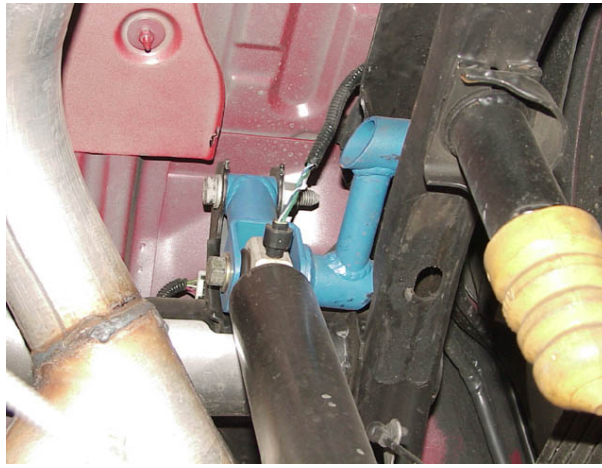
9. Locate the factory upper shock bolt and remove, save hardware.
10. Locate the new Fabtech upper shock mount FT20130, Using the factory hardware attach the bracket to the frame. Leave loose. Locate the Fabtech Support Tube FT20131, insert the upper shock mount into the new Fabtech bracket. Using the supplied 9/16" x 3" bolt and washer, attach the shock mount to the support tube (you will be locating the support tube to the front of the shock mount), leave loose. Align the support tube flat against the frame, using a drill, drill a 1/2" hole through the frame, attach support tube with supplied 1/2" x 1 1/2" bolt, nut, and washer. Torque all upper bolt to 50lbs.



Driver Side

Passenger Side Rear

11. Locate the factory upper shock bolt and remove, save hardware.
12. Locate the new Fabtech upper shock mount FT20130, Using the factory hardware attach bracket to frame. Leave loose. Locate the Fabtech Support Tube FT20131, insert upper shock mount into the new Fabtech bracket. Using the supplied 9/16" x 3" bolt and washer, attach the shock mount to the support tube (you will be locating the support tube to the rear of the shock mount), leave loose. Line the support tube up with the existing hole in the frame, using a drill, drill the factory hole out to 1/2". Locate the supplied spacer sleeve FT20132 and 1/2" x 2" bolt, nut, and washer (Note: you will be location the space between the frame and the support tube). Attach support tube to frame. Torque all upper hardware to 50lbs.



Passenger Side

15. Check the front-end alignment and set to the factory specifications.

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.