



Installation Instructions

FTS51011BK Multiple Frt. Shock System 2001 - 2006 GM C/K2500HD (2wd & 4wd) w/ 8" System 2007 – 2008 GM K2500HD (4wd ONLY) w/ 8" System

	FTS51011BK	Multi Shock K2500HD 8"
Qty	Part #	Description
1	FT20084	Hardware
1	FT20543BK	Driver Hoop
1	FT20544BK	Passenger Hoop
1	FT20430	Hdwr Sub-Assembly Kit
1	FTAS10	Sticker Passenger Side
1	FTAS11	Sticker Driver Side

	FT20430	Hdwr Sub-Assembly Kit
Qty	Part #	Description
2	50000005081	1/2" SAE Washer
2	56000005052	9/16" SAE Flat Washer
1	56180003052	9/16"-18 Nyloc
1	56183501052	9/16"-18 x 3 1/2" Bolt
1	FT101	Passenger Frame Sleeve
8	FT402087	Shock Sleeve
2	FT51011i	Instruction Sheet
2	FT84	1/4"-28 Grease Fitting
2	FTS88	1" Bumpstops

	FT20084 Hardware Kit
Qty	Description
4	1/2-13 x 6" Hex Cap Bolt
4	1/2"-13 Nyloc Lock Nut
16	1/2" SAE Flat Washer
8	3/8-16 x 1-1/4" Hex Cap Bolt
6	3/8-16 x 3" Bolt (Not used)
14	3/8-16 Steel Lock Nut
28	3/8" SAE Flat Washer
1	Thread Locking Compound

SHOCKS REQUIRED- (NOT INCLUDED)

4- Fabtech FTS7129 Performance Shocks

- or -

4- Fabtech FTS80016 Dirt Logic 2.25 Shocks

TOOL LIST: (NOT INCLUDED)

- FLOOR JACK & JACK STANDS
- ASSORTED METRIC AND S.A.E SOCKETS, WRENCHES
- TORQUE WRENCH
- RATCHET OR PULL STRAPS

READ BEFORE BEGINNING INSTALLATION

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

DUAL SHOCK SYSTEM MUST BE INSTALLED WITH FABTECH SHOCK ASBORBERS

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

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

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

THIS SYSTEM IS DESIGNED TO FIT FOUR (4wd) WHEEL DRIVE TRUCKS FROM 2007 – 2008 AND TWO WHEEL DRIVE (2WD) & FOUR WHEEL DRIVE (4WD) TRUCKS FROM 2001 - 2006.

SUSPENSION SYSTEM WILL NOT WORK ON VEHICLES EQUIPPED WITH FACTORY AUTO RIDE SUSPENSION

FRONT SUSPENSION INSTRUCTIONS:

1. Disconnect the negative terminal on the battery. With the vehicle on level ground set the emergency brake and block the rear tires. Jack up the front end of the truck and support the frame rails with jack stands. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE!** Remove the front tires.

FOLLOW STEP 2 FOR 2007 – 2008 MODEL TRUCKS

2. Use a paint pen and mark both of the plastic inner wheel liners as shown. Once marked, cut **ONLY** the liners. Use this as a starting point, you may have to trim a little more of the liner based on the truck and the original cut. SEE PHOTOS BELOW AND IN NEXT COLUMN.

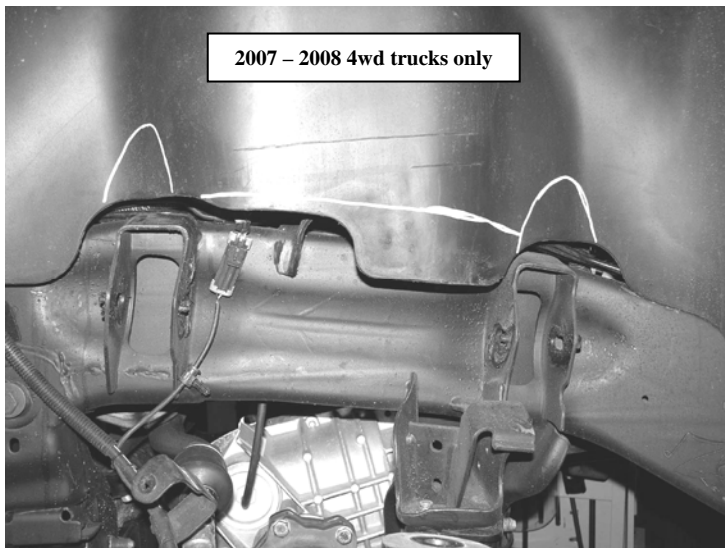


Photo shows upper control arms removed for photo only. Do not remove the control arms for hoop installation.

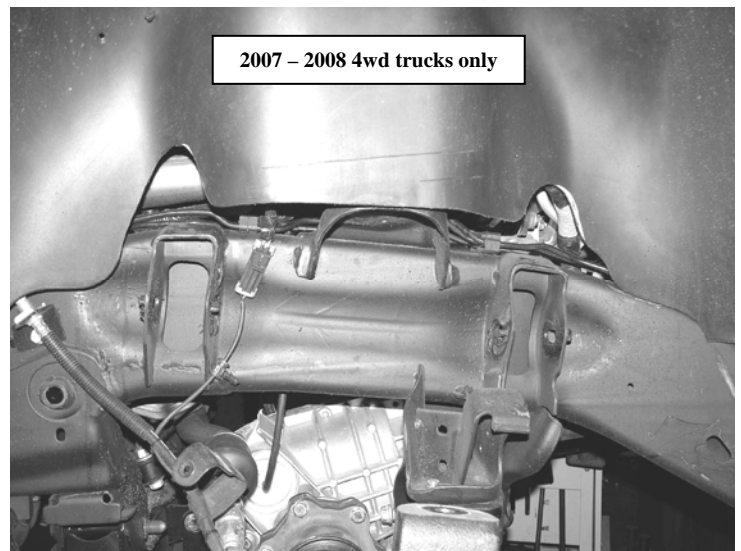
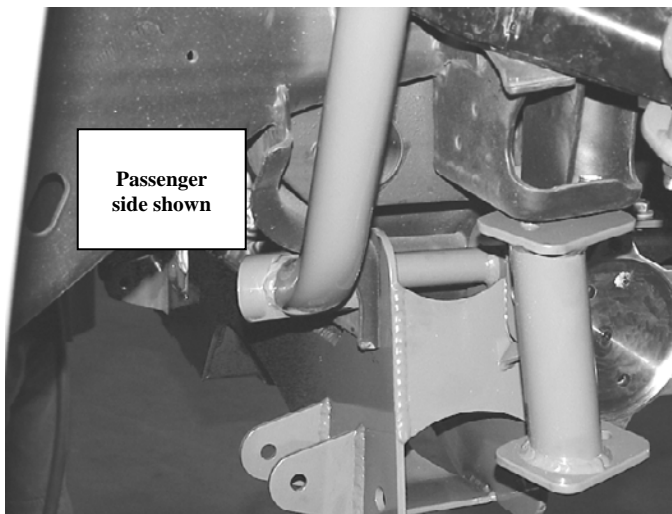


Photo shows upper control arms removed for photo only. Do not remove the control arms for hoop installation.

3. Working from the driver side of the vehicle, locate and remove the steering box bolt on the outside of the frame rail closest to the upper control arm. SEE PHOTO ON NEXT PAGE.



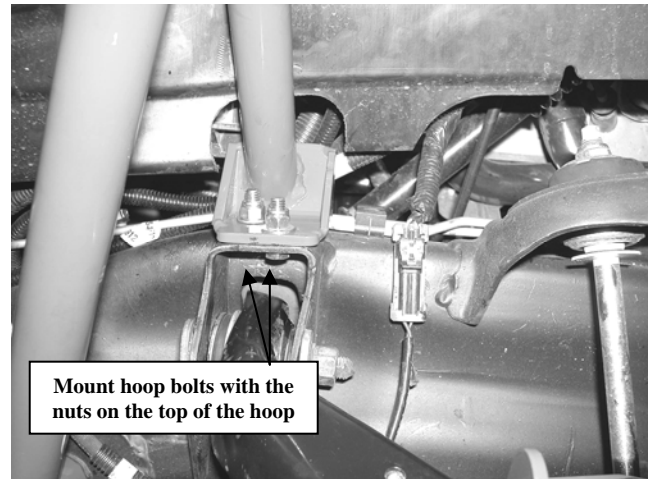
4. Locate and remove the nut and washer that retains the stock lower control arm pivot bolt towards the rear of the vehicle. Do not remove the bolt, only the nut and washer.
5. Locate FT20543BK driver side shock hoop and place the rear leg mount over the stock rear lower control arm bolt and attach with the stock nut and washer. SEE PHOTO BELOW



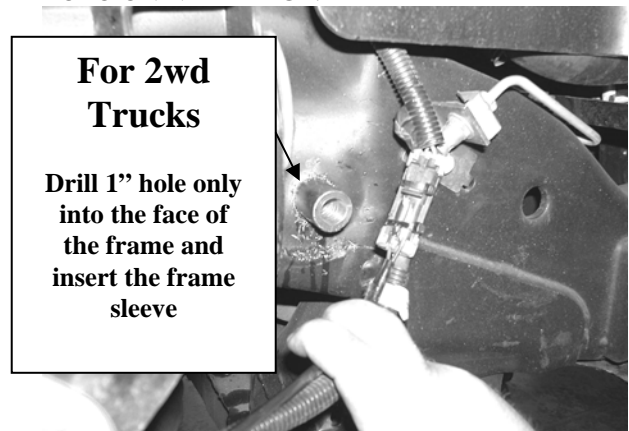
6. Place the front leg of the hoop over the steering box bolt hole and re-install the stock steering box bolt, nut, and washer. Torque the steering box bolt to 110lbs and the rear lower control arm bolt to 90 lbs. SEE PHOTO BELOW



7. Pushing on the top of the hoop, mate the upper mounting tabs to the top of the upper control arm pocket and center punch holes. Remove the hoop from the truck. Drill out to 3/8" diameter. Install 3/8" x 1-1/4" bolts, nuts and washers. Torque to 25 lbs. Drill out to 3/8" diameter. Re-install the hoop and install 3/8" x 1-1/4" bolts, nuts and washers. Torque to 25 lbs. SEE PHOTO IN NEXT COLUMN



8. Locate FTS88 Bumpstops and install onto the upper control arm (replaces smaller FTS60235 bumpstop).
9. Locate and install Fabtech shock part number FTS7129 Performance Shocks or FTS80016 Dirt Logic 2.25 with the supplied 1/2" x 6" bolts, nuts and washers. Torque bolt to 75LBS.
10. Repeat same procedure for passenger side with these exceptions. **For Four Wheel Drive Trucks**, remove the factory differential mounting bolt on the side of the frame rather than the steering box bolt, torque bolt to 70 LBS. **For 2001 – 2006 Two Wheel Drive Trucks**, with the hoop on the rear lower control arm bolt, rotate the hoop up onto the frame and mark the hole in the front mount onto the frame. Remove the hoop from the truck. Using a drill with a 9/16" drill bit, drill through the entire frame. Then use a 1" drill bit and **ONLY** drill through the face of the frame. Locate and install FT101 Frame Sleeve and the supplied 9/16" hardware. Follow all other steps the same as the driver side. SEE PHOTO ON NEXT PAGE.



11. 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.