



INSTALLATION INSTRUCTIONS

FTS21193		6" MAGNARIDE REAR SHOCK MOUNT KIT
2	FT20690BK	REAR SHOCK EXTENSION
1	FT21193i	INSTRUCTIONS
1	FT20691	HARDWARE KIT

FT20691 - HARDWARE KIT		LOCATION
3	#12 X 3/4" TEK SCREW	
2	1/2-13 X 3-1/2 HEX BOLT G8 ZINC	
4	1/2 SAE WASHER G8 ZINC	
2	1/2-13 C-LOCK NUT ZINC	
1	THREAD LOCKING COMPOUND	

GM C/K1500 2WD/4WD MAGNARIDE REAR SHOCK MOUNT KIT FTS21193i



- TOOL LIST -

Required Tools (Not Included)

Basic Hand Tools
Floor Jack
Jack Stands
Assorted Metric and S.A.E sockets, and Allen wrenches
Torque Wrench

- PRE-INSTALLATION NOTES -

READ THIS BEFORE YOU BEGIN INSTALLATION -

Check all parts to the parts list above before beginning installation.

Read all instructions thoroughly from start to finish before beginning the installation. If these instructions are not properly followed severe frame, driveline and / or suspension damage may occur.

Check your local city and state laws prior to the installation of this system for legality. Do not install if not legal in your area.

Prior to the installation of this suspension system perform a front end alignment and record. Do not install this system if the vehicle alignment is not within factory specifications. Check for frame and suspension damage prior to installation.

The installation of this suspension system should be performed by two professional mechanics.

This suspension must be installed with Fabtech shock absorbers.

Use the provided thread locking compound on all hardware.

WARNING- Installation of this system will alter the center of gravity of the vehicle and may increase roll over as compared to stock.

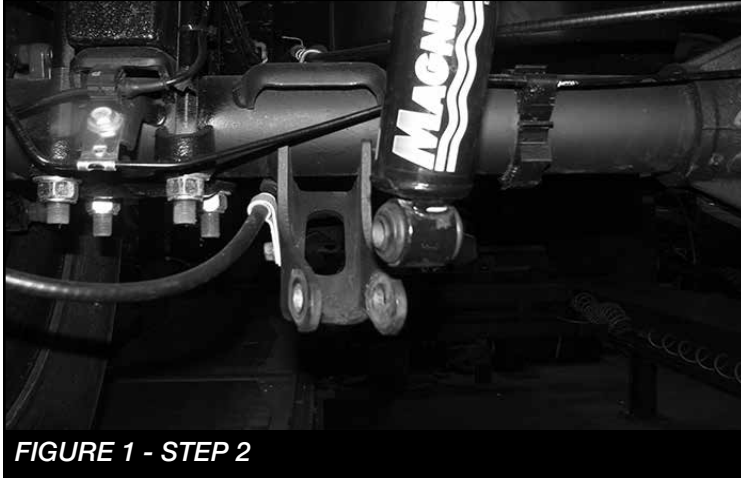
Vehicles that receive oversized tires should check ball joints, uniballs, tie rods ends, pitman arm and idler arm every 2500-5000 miles for wear and replace as needed.

Verify differential fluid is at manufactures recommended level prior to kit installation. Installation of the kit will reposition the differential and the fill plug hole may be in a different position. (For example, if the manufacture recommends 3 quarts of fluid, make sure the diff has 3 quarts of fluid). Check your specific manual for correct amount of fluid.

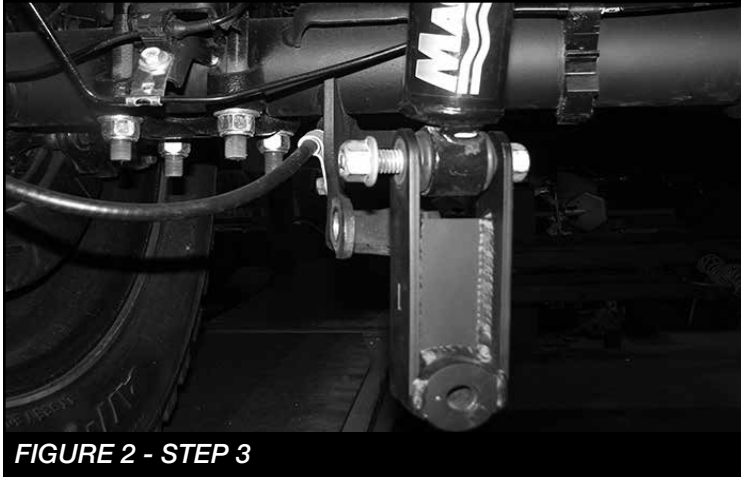
- INSTRUCTIONS -

REAR SUSPENSION

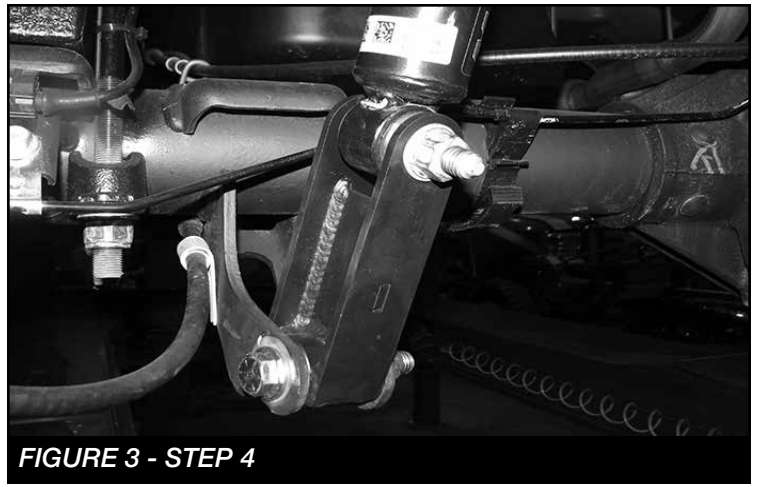
1. Disconnect the negative terminal on the battery. Jack up the rear end of the truck and support the frame rails with jack stands. **NEVER WORK UNDER AN UNSUPPORTED VEHICLE!**
2. Remove and save the rear lower shock bolt. **SEE FIGURE 1**



3. Locate (FT20690BK) rear shock extension and factory bolt. Install the new bracket on the rear shock. Torque to 160 ft-lbs. **SEE FIGURE 2**



4. Locate the supplied 1/2" hardware. Rotate the shock 90 degrees and install the new bracket to the factory lower shock mount. Torque to 127 ft-lbs. **SEE FIGURE 3**



5. Install tires and wheels and torque lug nuts to wheel manufacturer's specifications. Turn front tires left to right and check for appropriate tire clearance. **Note - Some oversized tires may require trimming of the front bumper & valance.**
6. Check front end alignment and set to factory specifications. Readjust headlights.
7. Recheck all bolts for proper torque.
8. Recheck brake hoses, ABS wires and suspension parts for proper tire clearance while turning tires fully left to right.
9. Check the fluid in the front and rear differential and fill if needed with factory specification differential oil. **Note - some differentials may expel fluid after filling and driving. This can be normal in resetting the fluid level with the new position of the differential/s.**
10. Install Driver Warning Decal. Complete product registration card and mail to Fabtech in order to receive future safety and technical bulletins on this suspension.

Vehicles that will receive oversized tires should check ball joints, uniballs and all steering components every 2500-5000 miles for wear and replace as required.

RE-TORQUE ALL NUTS, BOLTS AND LUGS AFTER 50 MILES AND THEREAFTER UNTIL FASTENERS RETAIN TORQUE SETTING.