



INSTALLATION INSTRUCTIONS

PART No. FB27256
14-18 Dodge Ram 2500/3500
Steel 2" Leveling Kit



REQUIRED TOOLS

Jack
 Jack Stands
 Sockets
 Ratchet
 Torque Wrench

KIT CONTAINS

Coil Spacer	2
Shock Relocator Mounts (Diver/ Passenger)	1ea
Front Shock Sleeve	2
Front Brake Line Spacer	2
14MM-2.0x90MM Hex Bolt	2
14MM-2.0 Flanged Nut	2
10MM-1.5x25MM Hex Bolt	2
10MM-1.5 Flanged Nut	2
8MM-1.25x40MM Hex Bolt	2
8MM Nut Clips	2

QTY



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NOTE: All part images can vary from internet and instructions booklet.

BEFORE AND AFTER LIFT



STOCK TRUCK



LIFT INSTALLED



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Introduction:

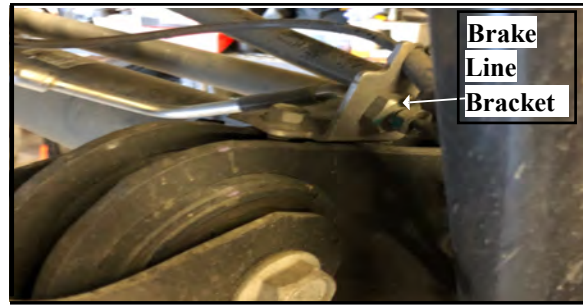
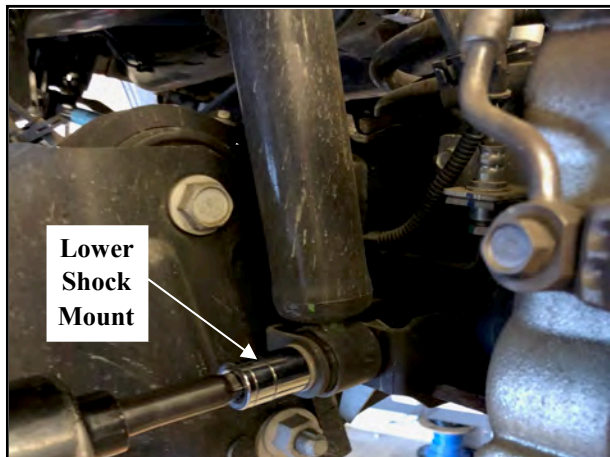
- ◆ This installation requires a professional mechanic!
- ◆ We recommend that you have access to a factory service manual for your vehicle to assist in the disassembly and reassembly of your vehicle. It contains a wealth of detailed information.
- ◆ Prior to installation, very carefully inspect the vehicle's steering and driveline systems paying close attention to the tie rod ends, ball joints, wheel bearing preload, pitman and idler arm. Additionally, check steering-to-frame and suspension-to-frame attaching points for cracks. The overall vehicle must be in excellent working condition. You must repair or replace all worn or damaged parts!
- ◆ Read the instructions carefully and study the illustrations before attempting install! You may save yourself a lot of extra work.
- ◆ Check the parts and hardware against the parts list to assure that your kit is complete. Separating parts according to the areas where they will be used and placing the hardware with the brackets before you begin will save installation time.
- ◆ Check the special equipment list and ensure the availability of these tools.
- ◆ Secure and properly block vehicle prior to beginning installation.
- ◆ ALWAYS wear safety glasses when using power tools or working under the vehicle!
- ◆ Use caution when cutting is required under the vehicle. The factory undercoating is flammable. Take appropriate precautions. Have a fire extinguisher close at hand.
- ◆ Foot pound torque readings are listed on the Torque Specifications chart at the end of the instructions. These are to be used unless specifically directed otherwise. Apply thread lock retaining compound where specified.
- ◆ **Please note that while every effort is made to ensure that the installation of your Fishbone Offroad lift kit is a positive experience, differences in construction and assembly during the vehicle manufacturing process will ensure that some parts may seem difficult to install. Additionally, the current trend in manufacturing of vehicles results in a frame that is highly flexible and may shift slightly on disassembly prior to installation. The use of pry bars and tapered punches for alignment is considered normal and usually does not indicate a faulty product. However, if you are uncertain about some aspect of the installation process, please feel free to call our tech department at the number listed on the cover page. We do not recommend that you modify the Fishbone Offroad parts in any way as this will void any warranty expressed or implied by the Fishbone Offroad company.**

Front Installation:

1. Position your vehicle on a smooth, flat, hard surface (concrete or asphalt). Block the rear tires and set the emergency brake.
2. Measure and record the distance below from the center of each wheel to the top of its fender opening.

LF: _____ RF: _____

3. Place the vehicle in neutral. Place your floor jack under the front axle and raise the vehicle. Place jack stands under the frame rails and lower the frame onto the stands. Remove the jack and place the vehicle back in gear, set the emergency brake, and place blocks both in front and behind the rear wheels.
4. Remove the front wheels.
5. Raise the axle using the floor jacks to remove the tension from the shocks then remove lower shock bolt and pull from lower shock mount.

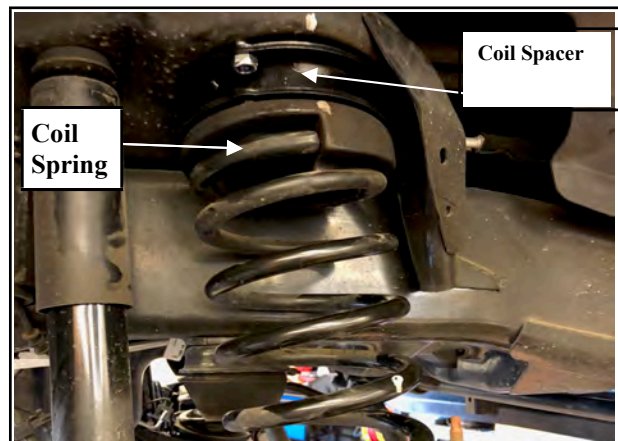


6. Remove brake line bracket bolt with 12mm wrench to take tension off brake line then lowering axle

Remove only one spring (mark or note springs location & orientation before removal). Remove **OE** spring isolator.

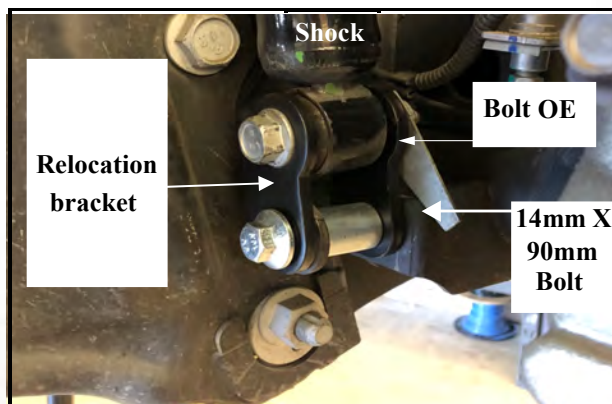


8. Compress spring down if necessary install new coil spacer, OE spring isolator and reinstall spring. Be sure to line up the previously applied coil spring reference mark, install bolt and supplied lock nut.



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9. Lift axle back up and make sure the coil lines up with the isolator and seats into lower coil bucket.
10. Now would also be a good time to inspect the rear shocks for damage or fluid leakage. Replace if necessary.
11. **Install the shock relocation brackets** into the lower shock mounts using 14mm-2.0 X 90mm and shock spacer supplied, See photo below, Install shock into upper shock relocation bracket using OE bolt and hardware be sure the relocation brackets are on correct side the bracket will lean to the shock angle.



12. Install brake line spacer

install supplied brake line spacer be sure the clip-on-nut is properly aligned with factory hole with the added longer hardware thru the factory brake line bracket

Careful not to pinch or kink brake-line while removing!!!!

Please Please!!! When install is complete go through each and every step one more time to confirm that all processes were complete per our install booklet!! **This is very important as things can be missed because you're excited to see your ride!!!**

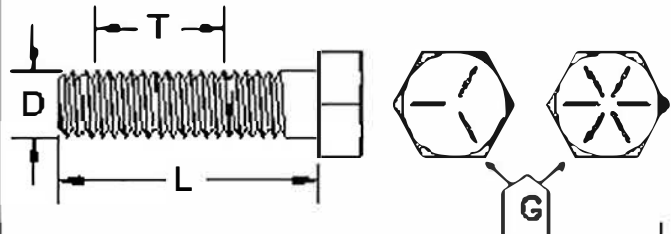
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Use this only as a guide for hardware without a called out torque specification in the instruction manual.

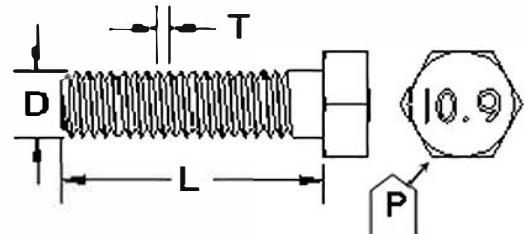
Bolt Torque and ID						
Decimal System			Metric System			
All Torques in Ft. Lbs. Maximums						
Bolt Size	Grade 5	Grade 8	Bolt Size	Class 9.8	Class 10.9	Class 12.9
5/16	15	20	M6	5	9	12
3/8	30	45	M8	18	23	27
7/16	45	60	M10	32	45	50
1/2	65	90	M12	55	75	90
9/16	95	130	M14	85	120	145
5/8	135	175	M16	130	165	210
3/4	185	280	M18	170	240	290



1/2-13x 1.75 HHCS **Grade 5** **Grade 8**
 (No. of Marks + 2)

D T L X

G = Grade (Bolt Strength)
 D = Nominal Diameter (Inches)
 T = Thread Count (Threads per Inch)
 L = Length (Inches)
 X = Description (Hex Head Cap Screw)



M 12-1.25x50 HHCS

D T L X

P = Property Class (Bolt Strength)
 D = Nominal Diameter (Millimeters)
 T = Thread Pitch (Thread Width, mm)
 L = Length (Millimeters)
 X = Description (Hex Head Cap Screw)