PRO COMP SUSPENSION

Suspension Systems that Work!

PN# 62346
2011-2012
Ford F250 4wd
5” Rear Block
Kit

This document contains very important information that includes warranty information and instructions for resolving problems you may encounter. Please keep it in the vehicle as a permanent record.

Part #	Description	Qty.
95-502SD	**5" TAPERED LIFT BLOCK**	**1**
95-503SD	**5" TAPERED LIFT BLOCK**	**1**
13-90560em	**U-BOLT**	**4**
20-65472m	**HARDWARE PACK: Hi Nuts**	**1**

NOTE: All part images may vary from catalog and instructions.

RECOMMENDED PRO COMP SHOCKS:

2011-2012

Rear:

F250	ES	MX
	932008	MX6018

Optional Equipment Available from your Pro Comp Distributor!

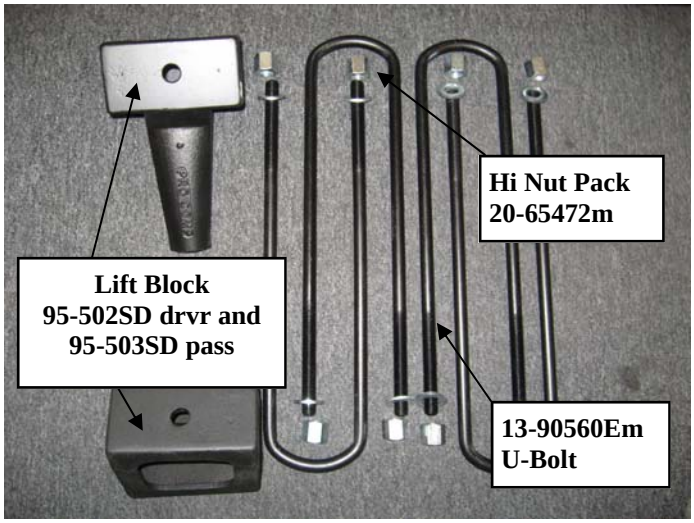
52821B, 52802B, 52803B, 52882B, 52883B: 2011-2012 SUSPENSION LIFT KITS
95-550SD (x2): 5 1/2" LIFT BLOCK, (Use with Suspension Lift Kit)
95-400SD (x2): 4" LIFT BLOCK, (Use with Suspension Lift Kit)
72101: TRACTION BAR MOUNTING KIT
72301: PLATE TRACTION BAR KIT (must be used with kit 72101)
72300: TUBE TRACTION BAR KIT (must be used with kit 72101)
52480: CARRIER BEARING SHIM KIT
599: ALIGNMENT CAM KIT
222582: DUAL STEERING STABILIZER
222582F: FOX DUAL STEERING STABILIZER
91-7057B: TRANSFER CASE SKID PLATE
599: ALIGNMENT CAM KIT,
219567: DUAL STEERING STABILIZER
99-400: 4 DEGREE REAR AXLE SHIM KIT
LIGHTS

Also, check out our outstanding selection of Pro Comp tires
to compliment your new installation!

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, 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 stress cracks. The overall vehicle must be in excellent working condition. Repair or replace all worn or damaged parts!
- Read the instructions carefully and study the illustrations before attempting installation! 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 Pro Comp lift kit is a positive experience, variations in construction and assembly in the vehicle manufacturing process will virtually 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 support department at the number listed on the cover page. We do not recommend that you modify the Pro Comp parts in any way as this will void any warranty expressed or implied by the Pro Comp Suspension company.**

REAR INSTALLATION:



1. Prior to installing this kit, with the vehicle on the ground. Measure the height of your vehicle. This measurement can be recorded from the center of the wheel, straight up to the top of the inner fender lip. Record the measurements below.

LF:_____ **RF**:_____

LR:_____ **RR**:_____

2. Block the front tires and raise the rear of the vehicle. Support the frame with jack stands forward of the rear springs.
3. Remove the wheels and tires.
4. Remove the shocks on both sides of the vehicle. It may be necessary that you slightly raise the axle to unload the shocks for removal.
5. On the driver side, unbolt the emergency brake line bracket from the upper spring plate.
6. If your vehicle is equipped with factory sway bar, unbolt it from the end links.
7. Support the rear axle with a floor jack and remove the **OE U-bolts** on the driver side. Slightly loosen the **OE U-bolts** on the passenger side.
8. Lower the rear axle and install the supplied **4”** tapered lift block **(95-502SD drvr** and **95-503SD pass)**. Make sure the pin fits into the hole on the spring perch. Use your floor jack to raise the axle to the spring making sure the pin on the leaf spring assembly fits into the hole on the lift block. Secure the assembly with the supplied **U-bolts (13-90560Em)** and hardware **(20-65472m).** Do not torque the nuts at this time.

NOTE: Make sure the block sits flush on the axle perch.

9. Bolt the emergency brake line bracket back on to the upper spring plate.
10. Repeat the installation on the other side of the vehicle.
11. Now would also be a good time to inspect the rear shocks for damage or fluid leakage. Replace if necessary.

NOTE: For improved performance Pro Comp rear shocks are recommended. See the chart on page 2 for applications.

12. Reinstall the previously removed shocks**.** Torque the shock hardware according to manufacturers specifications.
13. Reinstall the wheels and tires and lower the vehicle to the ground. Torque lug nuts to manufacturers specifications.
14. Torque the U-bolt nuts to 120 ft./lbs.
15. If vehicle came equipped with a rear

sway bar, Re-attach the rear sway bar to the end links. Secure with the previously removed **OE** hardware.

16. Re-check the wheel lug torque on all four wheels at this time.
17. Re-check *all* hardware (both the front and the rear) for proper installation and torque!!
18. On both sides of the vehicle, check the routing of the brake lines and the ABS wire harnesses. There must be no pinching, rubbing, or stretching of either component. Reposition them if needed.

NOTES:

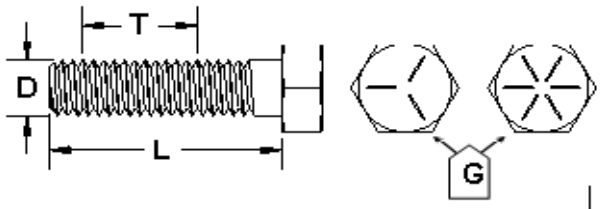
⇒ **After 100 miles recheck for proper torque on all newly installed hardware.**

⇒ **Recheck all hardware for tightness after off road use.**

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	Grade8	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



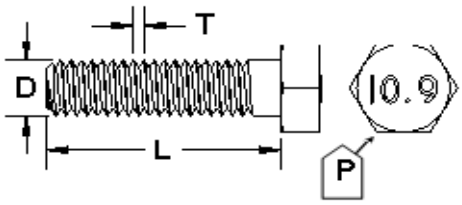
1/2-13x1.75 HHCS

D T L X

Grade 5 **Grade 8**

(No. of Marks + 2)

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



M12-1.25x50 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)

Notice to Owner operator, Dealer and Installer:

Vehicles that have been enhanced for off-road performance often have unique handling characteristics due to the higher center of gravity and larger tires. This vehicle may handle, react and stop differently than many passenger cars or unmodified vehicles, both on and off–road. You must drive your vehicle safely! Extreme care should always be taken to prevent vehicle rollover or loss of control, which can result in serious injury or even death. Always avoid sudden sharp turns or abrupt maneuvers and allow more time and distance for braking! Pro Comp reminds you to fasten your seat belts at all times and reduce speed! We will gladly answer any questions concerning the design, function, maintenance and correct use of our products.

Please make sure your Dealer/Installer explains and delivers all warning notices, warranty forms and instruction sheets included with Pro Comp product.

Application listings in this catalog have been carefully fit checked for each model and year denoted. However, Pro Comp reserves the right to update as necessary, without notice, and will not be held responsible for misprints, changes or variations made by vehicle manufacturers. Please call when in question regarding new model year, vehicles not listed by specific body or chassis styles or vehicles not originally distributed in the USA.

Please note that certain mechanical aspects of any suspension lift product may accelerate ordinary wear of original equipment components. Further, installation of certain Pro Comp products may void the vehicle's factory warranty as it pertains to certain covered parts; it is the consumer's responsibility to check with their local dealer for warranty coverage before installation of the lift.