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Latest Revision
6.1.22



PRO COMP SUSPENSION

62208

2004-Up Ford F-150 1 1/2" 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.
13-90380EM	U-BOLT, 5625-18 X 3.375W X 8.625L	4
95-152F	04-UP F150 1.5 LIFT BLOCK	2
35-12429	F150 LEAF CLAMP PLATE	3
20-65303M	HARDWARE PACK: UBOLT NUTS 14MM-2.0 PLATED	1
90-60831	HARDWARE PACK: CENTER PIN BOLTS	1
50F400KCS/X	1/2-20 X 4 SOC CAP SC ALLOY/BL OX FULL THREAD	4
50FNFLZ/GR-G	1/2-20 FLANGE NUT LOCKING GRADE G ZINC	4

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

RECOMMENDED PRO COMP SHOCKS

2WD

	<u>2004-2008</u>	<u>2009-2014</u>
<u>Front Strut:</u>	PN: 620553	PN: 621553
<u>Series:</u>	PN: 925504 (rear)	PN: 927504 (rear)
<u>MX-6:</u>	PN: MX6078 (rear)	PN: MX6079 (rear)

Optional Equipment Available from your Pro Comp Distributor!

2004-2008 Models:

(4WD) Suspension Lift Kit:	52204/52204MX
(2WD) Suspension Lift Kit:	52205/52205MX
Skid plate:*	52104 (4WD)
Traction Bars (Extra cab):	Mounting kit: 72095, Bars: 72500
Traction bars (Super Crew cab):	Mounting kit: 72096, Bars: 72500
Coil over upgrade kit:*	52206MX (4WD), 52207MX (2WD)
Add a leaf kit:*	13134
Rear end shim kit:	52700
MX-6 Rear shock:*	MX6009 (4WD), MX6079 (2WD)
MX-6R Reservoir Rear shock:*	MX6068R (4WD), MX6066R (2WD)
MX-6R Reservoir Mounting Kit:*	63012 and 63013
Light Bar:	24700

2009-2014 Models:

4WD 6" Suspension Lift Kit	52209/52209MX
2WD 6" Suspension Lift Kit	52213/52213MX
4WD Level Lift Kit	62159
Add a leaf kit: (Use with Suspension lift kit 13137*)	
4WD Coil Over Upgrade Kit	52211MX*
2WD Coil Over Upgrade Kit	52214MX*
Rear end shim kit	52700
Traction Bar Kit: 4wd Crew Cab Short Bed 72096*	

*Install on Pro Comp lift kit equipped vehicles ONLY!

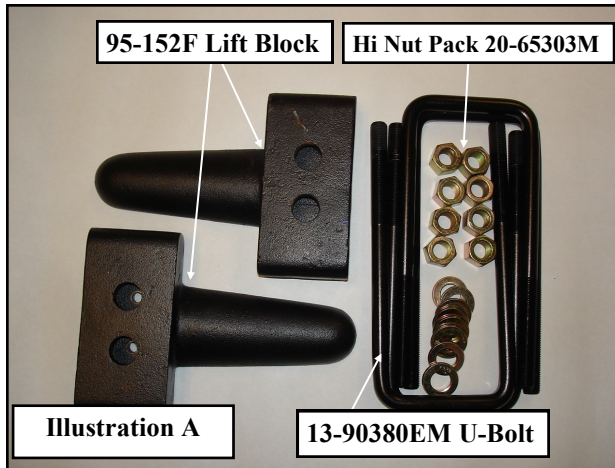
Also, check out our outstanding selection of Pro Comp tires
compliment your new installation!

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:

62208
Revised
6.1.22

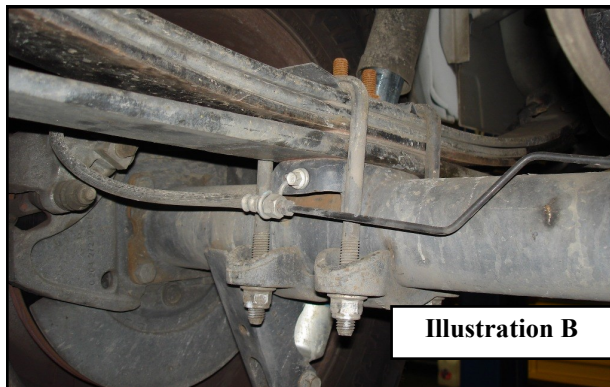


1. Prior to installing this kit, with the vehicle on the ground. Measure the height of your vehicle. This measurement can be recorded from the center of the wheel, straight up to the top of the inner fender lip. Record the measurements below.

LF: _____ RF: _____

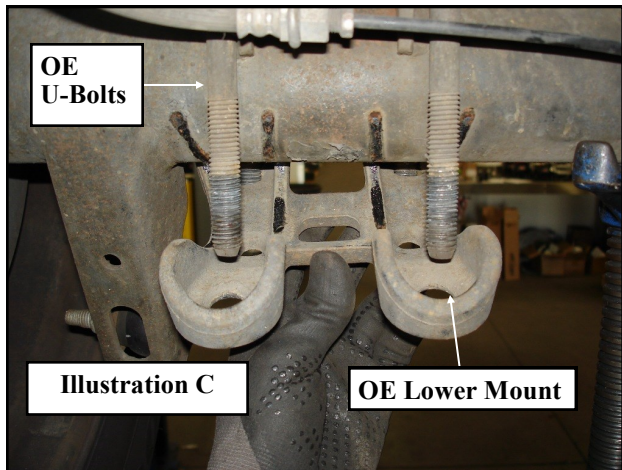
LR: _____ RR: _____

2. Block the front tires and raise the rear of the vehicle. Support the frame with jack stands forward of the rear springs.



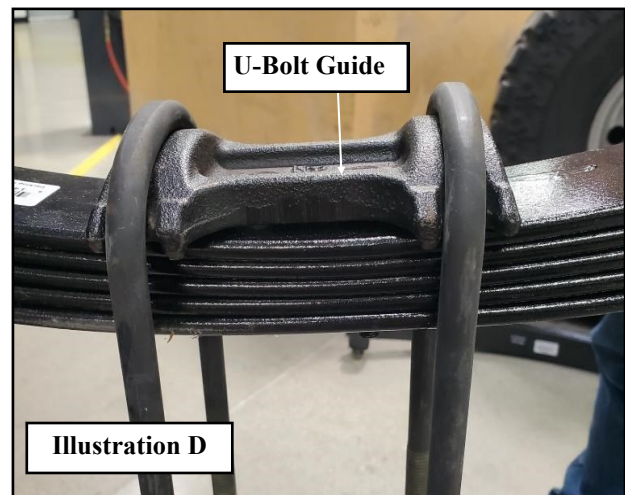
3. Remove the rear wheels.
4. Work on one side of the vehicle at a time.
5. Unbolt the lower shock mount bolts on both sides of the vehicle. It may be necessary that you slightly raise the axle to unload the shocks for removal.

6. Support the rear axle with a floor jack and remove the **U-bolts** on the driver side. Loosen the **U-bolts** on the passenger side and carefully lower the rear axle.

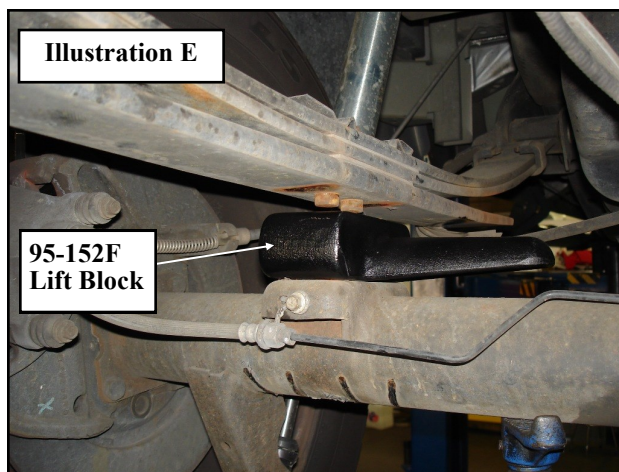


NOTE: Be sure not to over extend the rear brake line and rear axle vent line.

7. Install the lift block (**95-152F**) making sure the pin is fitted 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 fits into the holes on the new lift block.



NOTE: Be sure the arrow on the block faces toward the front of the vehicle.



8. Remove the factory cast U-bolt guide from the spring assembly by removing leaf spring center pin. See Illustration D. This will not be reinstalled. If the vehicle comes with a potentiometer, install two leaf clamp plates (35-12429) to position the sensor correctly. Use only one leaf (35-12429) on the passenger side. See Illustration F.
9. Secure the assembly with the **U-bolts (13-90380EM)** and new hi-nuts and washers from hardware pack (**20-65303M**). Do not torque the **U-bolts** at this time.

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

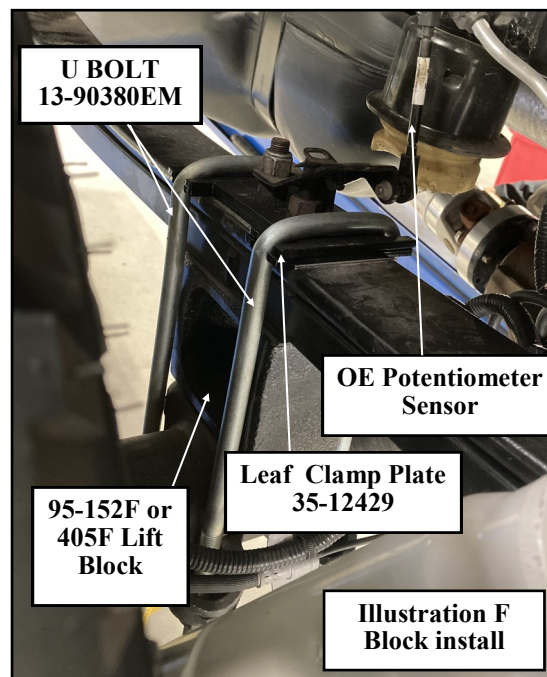
10. Repeat the installation on the other side of the vehicle.
11. When the installation of the remaining side is complete, torque the **U-bolts** to **120 ft./lbs.**
12. Reinstall the lower shock mounts using the previously removed **OE** lower bolts. Torque per **OE** specifications.
13. Now would be a good time to inspect the shocks for damage or fluid leakage. Replace if necessary.

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

14. Check all hardware at this time to ensure that everything is tight. Check for adequate clearance on all repositioned brake lines and emergency brake cables. Make

sure you check with the suspension fully extended, and compressed.

15. Reinstall the wheels and lower the vehicle to the ground. Torque the lug nuts according to the wheel manufacturers recommendations.



16. Torque all bolts to factory specifications. Re-torque all bolts after 500 miles.

Revision Page:

REV 2 FIXED BOM, UPDATED DESCRIPTIONS.

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

1/2-13x1.75 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)

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)



The PRO COMP PROMISE WARRANTY

At Pro Comp, we know you have many choices when selecting products to personalize your vehicle. You should demand nothing but the highest quality available and have total confidence that the products you selected are the best in the industry. It is for these reasons that Pro Comp Suspension products are backed by the best warranty in the industry...the Pro Comp Promise!

Pro Comp promises that its products will last a lifetime or we will replace it free of charge. It's that simple! Because of our commitment to quality and manufacturing excellence, we are able to stand behind our products. FOREVER.

It is Pro Comp's Promise that if one of our suspension products breaks not due to misuse, neglect or vandalism, we will replace it. Whether you are the original purchaser or not, you can be assured that we will make it right. The Pro Comp Promise covers all suspension products including shocks and steering stabilizers. Buy Pro Comp Suspension today and enjoy it for the rest of your life!

That's our Pro Comp Promise!

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 that the Dealer / Installer explains and delivers all warning notices, warranty forms and instruction sheets included with Pro Comp product.

Warranty and Return Policy:

Pro Comp warrants its full line of products to be free from defects in workmanship and materials for the life of the product. Pro Comp's obligation under this warranty is limited to repair or replacement, at Pro Comp's option, of the defective product. Any and all costs of removal, installation, freight or incidental or consequential damages are expressly excluded from this warranty. Pro Comp is not responsible for damages and / or warranty of other vehicle parts related or non-related to the installation of Pro Comp product. A consumer who makes the decision to modify his vehicle with aftermarket components of any kind will assume all risk and responsibility for potential damages incurred as a result of their chosen modifications. Warranty coverage does not include consumer opinions regarding ride comfort, fitment and design. Warranty claims can be made directly with Pro Comp or at any factory authorized Pro Comp dealer.

IMPORTANT! To validate the warranty on this purchase please be sure to mail in the warranty card.

Claims not covered under warranty

* Parts subject to normal wear; this includes bushings, bump stops, ball joints, tie rod ends and heim joints.

* Finish after 90 days.

* Damage caused as a result of not following recommendations or requirements called out in the installation manuals.

Pro Comp MX Series coil-over shocks are considered a serviceable shock with a one-year warranty against leakage only. Rebuild service and replacement parts will be available and sold separately by Pro Comp. Contact Pro Comp for specific service charges. Pro Comp accepts no responsibility for any altered product, improper installation, lack of or improper maintenance or improper use of our products.

E-Mail: info@procompusa.com
Website: www.procompusa.com
Fax: (310) 747-3912
Ph: 1-800-776-0767

PLACE
WARRANTY REGISTRATION
NUMBER
HERE: _____