

2360 Boswell Road  
Chula Vista, CA 91914  
Phone 619.216.1444  
Fax 619.216.1474  
E-Mail tech@explorerprocomp.com

**LATEST REVISION:**  
**10.29.2011**



PRO COMP SUSPENSION

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**Suspension Systems that Work!**

**Part # 72101B  
2011-2012  
Ford F250/F350  
Super Duty  
Crew Cab/Short Bed  
2WD/4WD  
Traction Bar 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.	Illus.	Page
72101	<b>TRACTION BAR MOUNTING KIT</b>	1	-	-
91-7218	<b>FRONT MOUNT: LOWER: Used on vehicles with 6" lift kit</b>	2	2	5
91-7616	<b>FRONT MOUNT: LOWER: Used on vehicles with 8" lift kit</b>	2	-	-
91-7219	<b>DRIVER MOUNT: FORWARD BRACKET</b>	1	2	5
91-7220	<b>DRIVER MOUNT: REAR BRACKET</b>	1	2	5
91-7221	<b>PASSENGER MOUNT: FORWARD BRACKET</b>	1	2	5
91-7222	<b>PASSENGER MOUNT: REAR BRACKET</b>	1	2	5
91-7185	<b>REAR AXLE MOUNT: Driver</b>	1	1	4
91-7189	<b>REAR AXLE MOUNT: Pass</b>	1	1	4
90-6122	<b>HARDWARE PACK: Bushings and Sleeves</b>	1	-	-
90-2152	SLEEVE: 7/8" X .188 WALL X 3.9375"	2	1,2	4,5
90-2153	SLEEVE: 7/8" X .180 WALL X 2.9375"	2	1,2	4,5
15-10953	BUSHING	8	1,2	4,5
90-6800	<b>HARDWARE PACK: Traction Bars</b>	1	-	-
70-0505501800	1/2" X 5 1/2" Gr. 8 HEX BOLT	2	1,2	4,5
70-0504501800	1/2" X 4 1/2" Gr. 8 HEX BOLT	2	1,2	4,5
73-05000032	1/2" SAE Gr. 8 FLAT WASHER	8	1,2	4,5
72-050100816	1/2" Gr. 8 STOVER NUT	4	1,2	4,5
90-6801	<b>HARDWARE PACK: Pass Side: Front Mount Assembly</b>	1	-	-
31C125HCS8Y	5/16" X 1 1/4" HEX BOLT Gr. 8	2	2	5
31CNUCZ	5/16" STOVER NUT	2	2	5
31NWHDY/SAE	5/16" HARDENED FLAT WASHER	4	2	5
90-6802	<b>HARDWARE PACK: Front Mount Assemblies</b>	1	-	-
37C100HCS8Y	3/8" X 1 1/4" HEX BOLT Gr. 8	2	2	5
37CNUCZ	3/8" STOVER NUT Gr. C	2	2	5
37NWHDY/SAE	3/8" HARDENED FLAT WASHER	4	2	5
90-6705	<b>HARDWARE PACK: Pass: Front Mount Flange/Front Mount Assembly</b>	4	-	-
50C125HCS8Y	1/2" X 1 1/2 HEX BOLT Gr. 8	2	2	5
50CNUCZ	1/2" STOVER NUT Gr. C	2	2	5
50NWSAZ	1/2" SAE FLAT WASHER	4	2	5
<b>Additional parts needed:</b>				
72301B	<b>PLATE TRACTION BARS:</b>			
91-7191	<b>LATERAL TRACK BAR DRIVER</b>	1	2	5
91-7194	<b>LATERAL TRACK BAR PASSENGER</b>	1	-	-
72300B	<b>TUBE TRACTION BARS:</b>			
91-2350	<b>LATERAL TRACK BAR DRIVER</b>	1	-	-
91-2353	<b>LATERAL TRACK BAR PASSENGER</b>	1	-	-

## Introduction:

- ◆ This installation requires a professional mechanic!
- ◆ We recommend that you have access to a factory service manual to assist in the disassembly and reassembly of your vehicle. It contains a wealth of detailed information.
- ◆ Ensure that your work space is of adequate size and the work surface is level. Place the vehicle in neutral. Place your floor jack under the front cross member and raise vehicle. Place jack stands under the frame rails behind the front wheel wells 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.
- ◆ 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.*
- ◆ Check the parts and hardware against the parts list to assure that your kit is complete.
- ◆ Always use new cotter pins (these items are not supplied) when replacing them.
- ◆ MX6 shocks may hit the traction bar mount, if it does a ES series shock should be used.

### Optional Equipment Available from your Pro Comp Distributor!

52480: CARRIER BEARING SHIM KIT  
599: ALIGNMENT CAM KIT  
219567: DUAL STEERING STABILIZER  
222582F: FOX DUAL STEERING STABILIZER  
91-7057B: TRANSFER CASE SKID PLATE  
Call for Application: LIGHTS

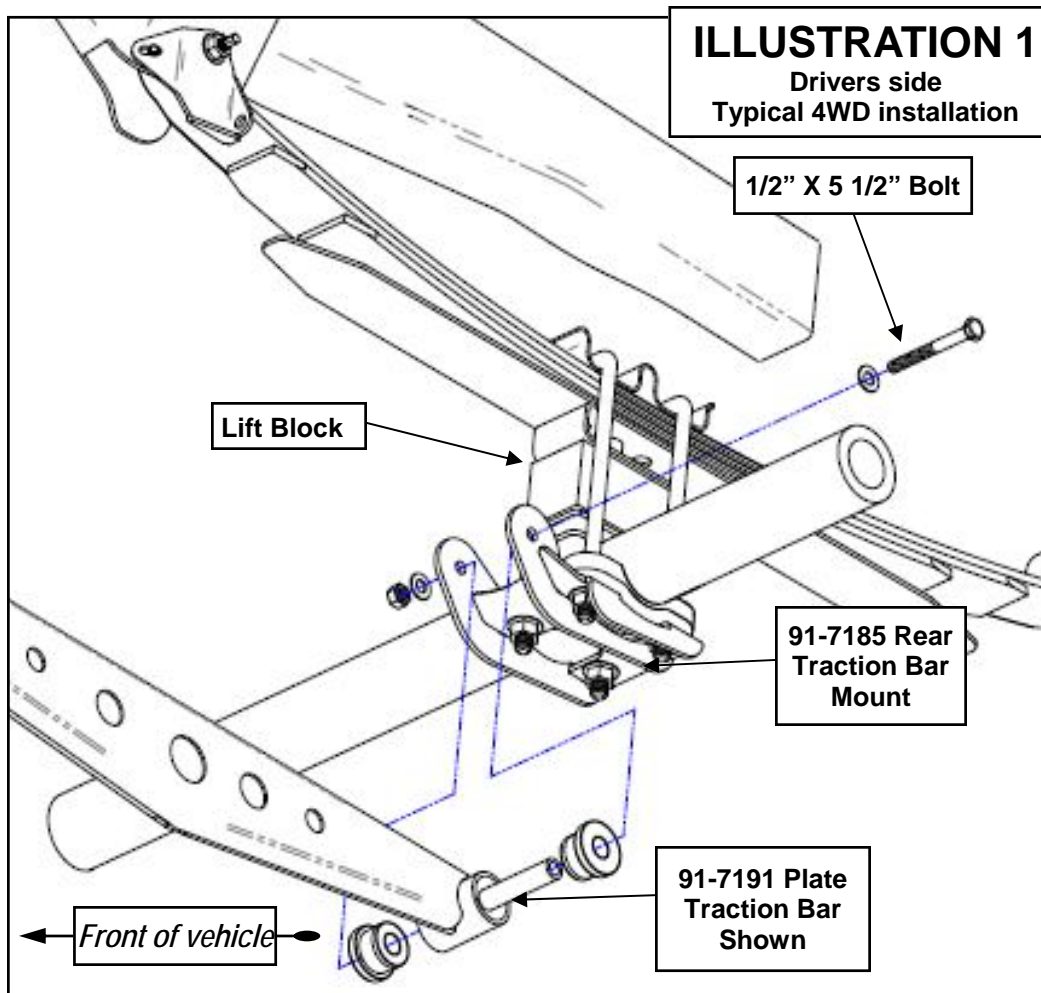
Also, check out our outstanding selection of Pro Comp tires  
to compliment your new installation!

## INSTALLATION INSTRUCTIONS:

- 1) Place a floor jack under the rear axle and raise the vehicle. Place jack stands under the frame to support the vehicle. Set the emergency brake and the block front wheels, in front and behind the tires. Remove the rear wheels and shocks.
- 2) Work on one side of the vehicle at a time.
- 3) Support the rear axle, on the driver side unbolt the U-bolts and install the lateral traction bar rear mount (**91-7185 drivers side and 91-7189 passenger side**) under the lower axle bracket as shown in ILLUSTRATION 1. Be sure when tightening to keep the mount parallel with the leaf spring.
- 4) Reinstall the U-bolts and tighten. Repeat on the other side.
- 5) Torque the U-bolts to **130** ft. lbs.
- 6) Place the floor jack under the rear axle and raise the vehicle. Move the jack stands under the rear axle to support vehicle and lower it onto the jack stands.

**NOTE: If installing this kit while the vehicle is on a lift, be sure to lower it to the ground before installing the front mounts and the traction bars.**

- 7) Working on the passenger side, loosely assemble the (3) piece forward mount using the **1/2" X 1 1/2"** bolts and hardware. Starting with the forward bracket (**91-7221**), place the front lower mount bracket (**91-7218: 6" kit or 91-7616: 8" kit**) on top of the flange with the

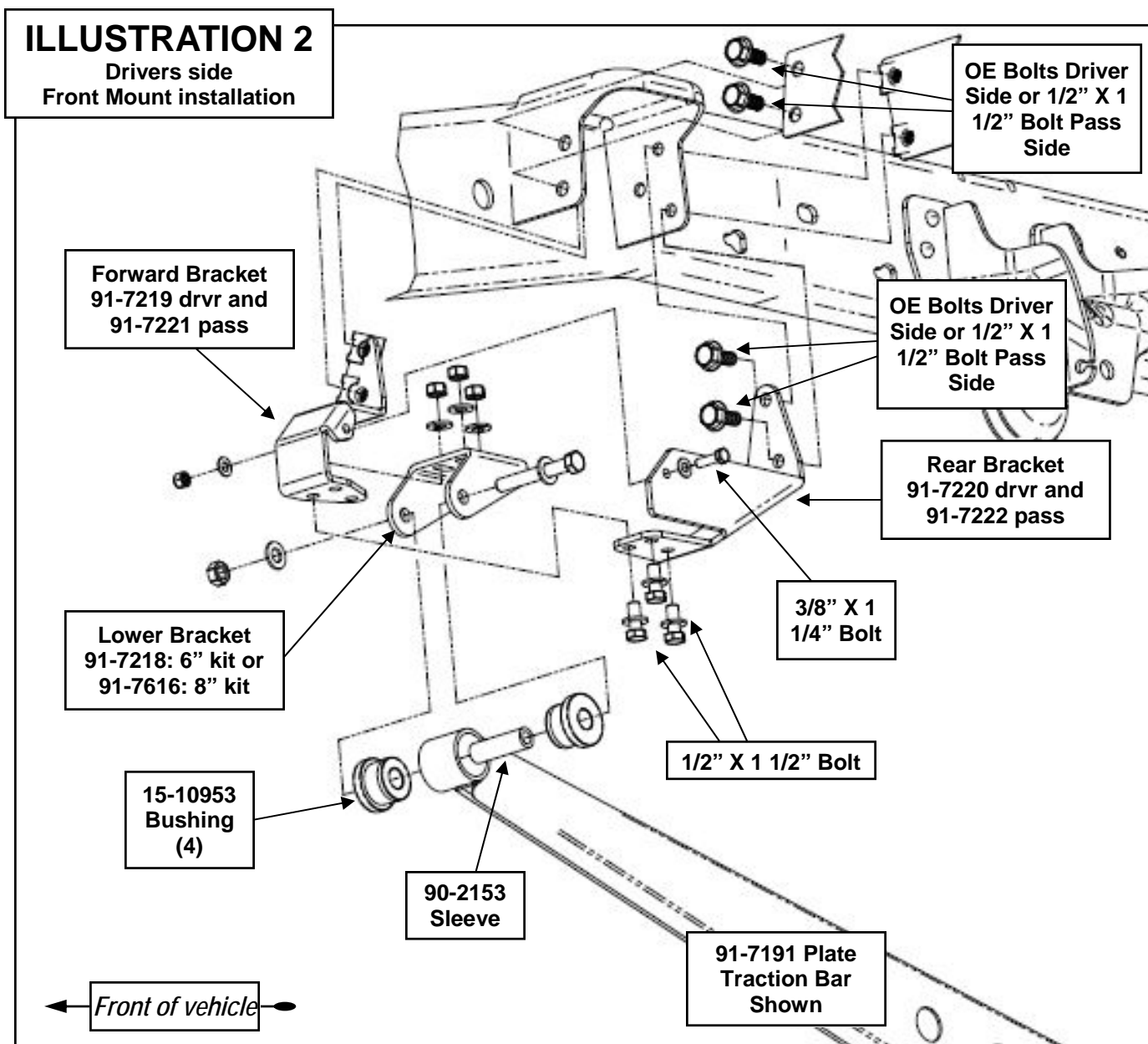


(3) 1/2" holes in it. Install the rear bracket (91-7222) and align it with the (3) holes in the forward bracket flange. **NOTE: If assembled correctly you will be able to put a 3/8" bolt through the hole in the corner of the assembled bracket.**

- 8) Install the loosely assembled passenger side front mount assembly up into the rear cab frame mount. Align the two 5/16" holes in the frame with the 5/16" holes in the bracket. Install supplied 5/16" X 1 1/4" hardware. Do not tighten the bolts at this time.
- 9) Align the 1/2" holes in the body mount to the 1/2" holes in the bracket. Install the supplied 1/2" X 1 1/2" hardware at this time. Tighten all hardware except the forward bracket flange bolts.

**NOTE: The flange bolts will be adjusted and tightened later**

- 10) On the driver side, remove the metal bracket from the rear body mount. Save the hardware for reinstallation. Remove the clips from the body mount.



- 7) Working on the driver side, loosely assemble the **(3)** piece forward mount using the **1/2" X 1 1/2"** bolts and hardware. Starting with the forward bracket **(91-7219)**, place the front lower mount bracket **(91-7218: 6" kit or 91-7616: 8" kit)** on top of the flange with the **(3)** holes in it. Install the rear bracket **(91-7220)** and align it with the **(3)** holes in the forward bracket flange.

**NOTE: If assembled correctly you will be able to put a 3/8" bolt through the hole in the corner of the assembled bracket.**

- 10) Install the previously removed **OE** clips onto the forward bracket **(91-7219)** with the nuts to the inside.
- 11) Raise the newly assembled front mount up into the rear cab frame mount. Align the **(4)** factory holes in the body mount and brackets. Reinstall the previously removed OE metal bracket to the body mount using the previously removed **OE** hardware to reinstall OE bracket, body mount, and front traction bar mount.
- 12) Reinstall the wheels and carefully lower the vehicle to the ground. Torque the lug nuts to manufacturers specification.  
**NOTE: Be sure to lower the vehicle on a level, flat surface.**
- 15) Install the bushings **(15-10593)** and sleeves **(90-2153 front and 90-2152 rear)** into the lateral traction bar tubes as shown in ILLUSTRATION 2. Use lubricant as necessary.
- 16) Install the lateral traction bars **(91-2350/91-7191 driver side and 91-2353/91-7194 pass side)** into the rear mounts using the supplied **1/2" X 5 1/2"** bolts and hardware. See ILLUSTRATION 2. Do not torque at this time.
- 17) With the vehicle at ride height, raise the traction bar up into the pocket of the front mount. At this point you can adjust the location of the front lower mount. Once the mount is properly adjusted, remove the traction bar from the front pocket and tighten the three front mount flange **1/2" X 1 1/2"** bolts to **80** ft/lbs.
- 18) Reinstall the front of the traction bar into the front mount using the supplied **(4) 1/2" X 4 1/2"** bolt. Torque the front and rear traction bar **1/2"** bolts to **65** ft./lbs.
- 19) Repeat this installation on the remaining side of the vehicle.
- 20) After installation is complete, retighten and torque all bolts as specified in the torque chart.

**Revision Page:**

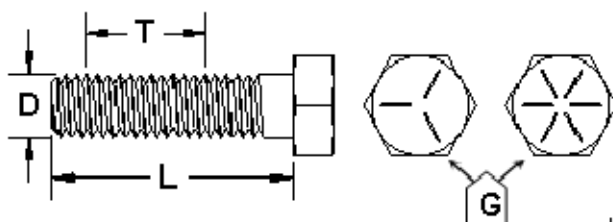
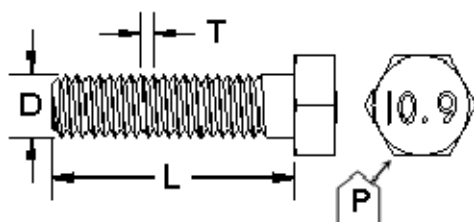
**8.16.11:** Added FRONT MOUNT: LOWER (91-7616 x2) to the BOM, the text and illustration #2. For use with vehicles with 8" Pro Comp lift kit installed.

**10.29.11:** Updated kit fitment to include 2012.

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

<b>Bolt Torque and ID</b>						
<b>Decimal System</b>			<b>Metric System</b>			
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

 <p>1/2-13x1.75 HHCS      <b>Grade 5</b>    <b>Grade 8</b> (No. of Marks + 2)</p> <p>D T L X</p> <p>G = Grade (Bolt Strength) D = Nominal Diameter (Inches) T = Thread Count (Threads per Inch) L = Length (Inches) X = Description (Hex Head Cap Screw)</p>	 <p>M12-1.25x50 HHCS</p> <p>D T L X</p> <p>P = Property Class (Bolt Strength) D = Nominal Diameter (Millimeters) T = Thread Pitch (Thread Width, mm) L = Length (Millimeters) X = Description (Hex Head Cap Screw)</p>
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**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.

**Warranty and Return policy:**

Pro Comp warrants its full line of products to be free from defects in workmanship and materials. 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
  - Discontinued products at Pro Comp's discretion
- Bent or dented product
- Finish after 90 days
- Leaf or coil springs used without proper bump stops
- Light bulbs
- Products with evident damage caused by abrasion or contact with other items
- Damage caused as a result of not following recommendations or requirements called out in the installation manuals
- Products used in applications other than listed in Pro Comp's catalog
- Components or accessories used in conjunction with other manufacturer's systems
- Tire & Wheel Warranty as per Pro Competition Tire Company policy
- Warranty claims without "Proof of Purchase"
- Pro Comp Pro Runner 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: [tech@explorerprocomp.com](mailto:tech@explorerprocomp.com)  
Website: [www.explorerprocomp.com](http://www.explorerprocomp.com)  
Fax: (619) 216-1474  
Ph: (619) 216-1444

<b>PLACE</b>
<b>WARRANTY REGISTRATION</b>
<b>NUMBER</b>
<b>HERE:</b> _____