



## PRO COMP SUSPENSION

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*Suspension Systems that Work!*

**\*\*TO BE USED IN CONJUNCTION WITH TUNDRA LIFT KIT\*\*  
PART # 57047/57047MX**

**Part #57197  
2007-2012  
Toyota Tundra  
4WD & 2WD  
Stainless Steel  
Skid Plate 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.

## 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.
- ◆ 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 vehicle back in gear, set the emergency brake, and place blocks both in front and behind the rear wheels.
- ◆ 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 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.

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

**MX UPGRADE KIT: 57057MX**

**Traction Bars: 72500**

**Mounting kit: 72077**

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

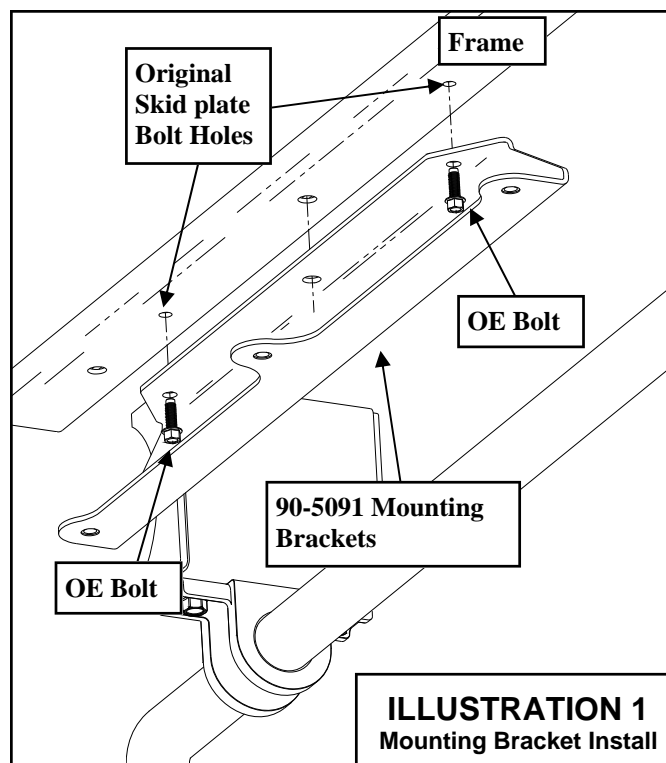
**Parts List:**

Part #	Description	Qty.	Illus.	Page
<b>90-5088</b>	<b>FRONT SKID PLATE</b>	<b>1</b>	<b>2</b>	<b>4</b>
<b>90-5089</b>	<b>LOWER SKID PLATE</b>	<b>1</b>	<b>2</b>	<b>4</b>
<b>90-5091</b>	<b>MOUNTING BRACKET</b>	<b>1</b>	<b>1,2</b>	<b>3,4</b>
<b>90-6335</b>	<b>HARDWARE PACK: Skid Plate</b>	<b>1</b>	<b>-</b>	<b>-</b>
70-0371001509	3/8" X 1 1/2" SS Button Head Bolt	9	2	4
73-03700034	3/8" SAE Gr. 8 Flat Washer	9	2	4
73-03700536	3/8" Lock Washer	9	2	4
<b>90-6335</b>	<b>HARDWARE PACK: Plastic Bumper Tabs</b>	<b>1</b>	<b>-</b>	<b>-</b>
73-03700034	3/8" USS Flat Washer	3	2	4
72-0370100812	3/8" Nylock Nut	3	2	4

***This item is designed as a decorative accessory item. It is not intended to provide additional vehicle safety or protection.***

**Installation Instructions:**

1. Position the vehicle on a smooth, flat, hard surface (i.e. concrete or asphalt).
2. Block rear tires and set parking brake.
3. If necessary, remove the (2) front OE skid plate retaining bolts from the frame mounting holes as shown in ILLUSTRATION 1.
4. Install the (90-5091) mounting bracket to the original skid plate front holes in the frame. Secure using the previously removed OE bolts. Torque the bolts according to factory specifications. See ILLUSTRATION 1.
5. Install the lower skid plate (90-5089) to the rear crossmember using the supplied 3/8" X 1 1/2" bolts and hard-



ware. Leave the bolts loose at this time. See ILLUSTRATION 2.

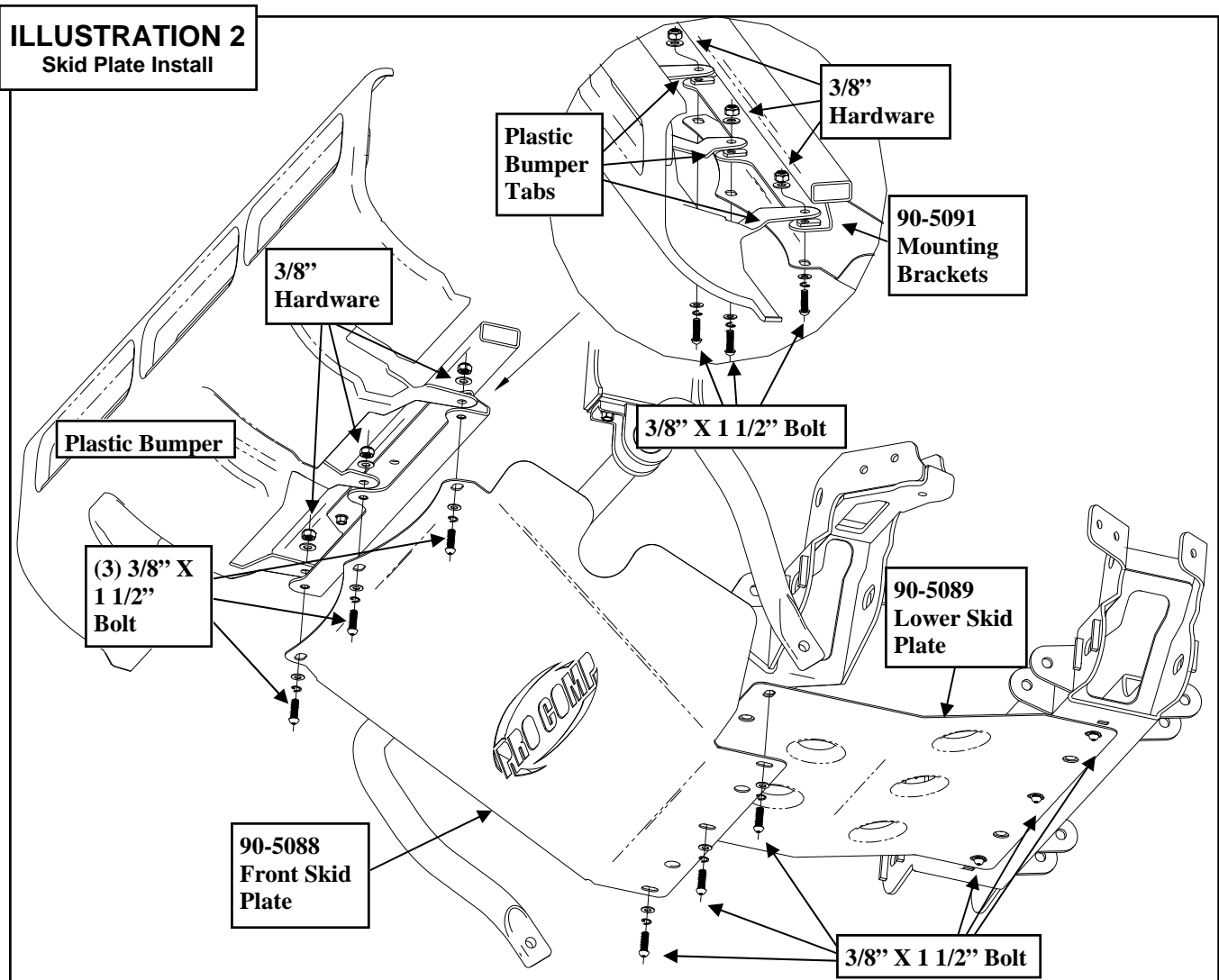
6. Install the front skid plate (90-5088) to the bracket (90-5091) on the frame using the supplied 3/8" X 1 1/2" bolts and hardware. Leave the bolts loose at this time. See ILLUSTRATION 2.
7. Secure the front skid plate (90-5088) and the lower skid plate (90-5089) to the front crossmember using the 3/8" X 1 1/2" bolts. Leave the bolts loose at this time. See ILLUSTRATION 2.
8. Align the front and lower skid plates and torque all hardware according to

the factory manual and the torque chart on page 5.

9. Slip the front bumper plastic tabs over the bolts that secure the skid plate to the mounting bracket and secure using the supplied 3/8" washers and nuts.

**NOTE: *DO NOT* over tighten this hardware it will damage the plastic tabs.**

10. Re-check and re-torque all hardware after 100 miles.



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

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.