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PRO COMP SUSPENSION

IMPORTANT!: *Installation of this kit requires cutting and drilling holes in front fenders*

57082

2014 & Up 4WD Toyota Tundra Performance Front Fender Flare 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.

57082

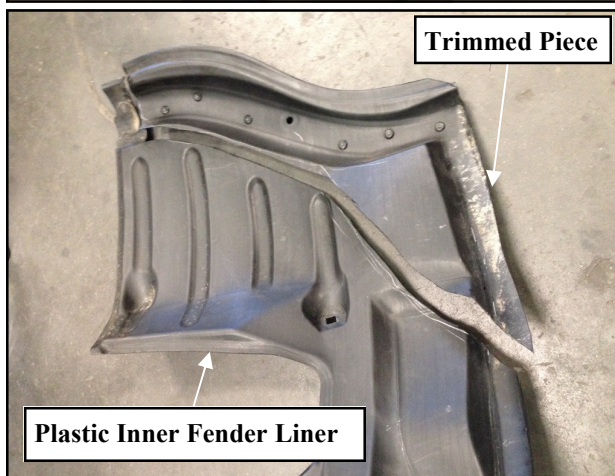
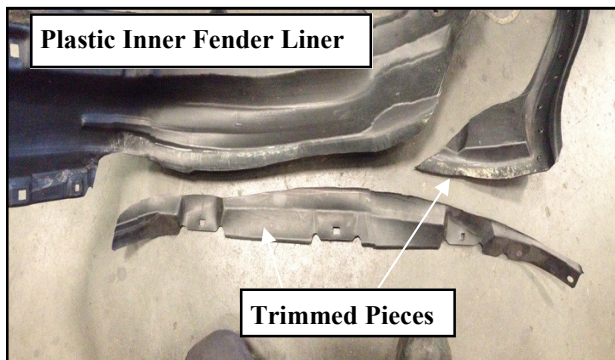
Part #	Description	Qty.
90-41001	FRONT FENDER FLARE: Drvr	1
90-41002	FRONT FENDER FLARE: Pass	1
84-10240	FRONT FENDER SUPPORT ARM	2
84-10241	FRONT FENDER SUPPORT PLATE	2
84-10236	BUMPER SUPPORT BRACKET: : Drvr	1
84-10237	BUMPER SUPPORT BRACKET: Pass	1
90-40138	FRONT FENDER LINER: Front drvr	1
90-40139	FRONT FENDER LINER: Front Pass	1
90-60720	HARDWARE PACK: Front Fender Flares	1
99401533	6mm X 16mm HEX BOLT	14
99401339	1/4" FENDER WASHER	14
99401415	6mm FLANGE NUT	14
99402238	NYLON RETAINER	30
90-6626	HARDWARE PACK: Front Fender	10
25C75HC8I/IMP	1/4"-20 X 3/4" HEX BOLT Gr. 8	2
25CNNLZ	1/4"-20 NYLOCK NUT	2
25RWFLZ/SAE-PC	1/4" SAE FLAT WASHER	4
84-10246	MARKER LIGHT BRACKET: Front	1
90-60060	HARDWARE PACK: Marker Light Bracket	1
	10-24 X 1/2" BUTTON HEAD BOLT	2
	10-24 NYLOCK NUT	2
	#10 SAE FLAT WASHER	2
90-60064	HARDWARE PACK: LED Amber	1
90-40144	LED AMBER	5
90-60066	HARDWARE PACK: Front Marker Light Bracket/Liner	2
94808A152	10-24 CLIP-ON NUT	15
94779a630	10-24 MACHINE SCREW BLACK	15
90-40739	WIRING HARNESS	1
	HARDWARE PACK:	1
	WEATHER STRIPPING	1

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.**

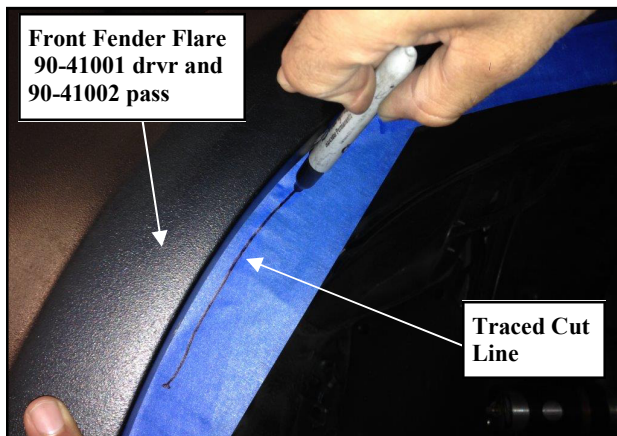
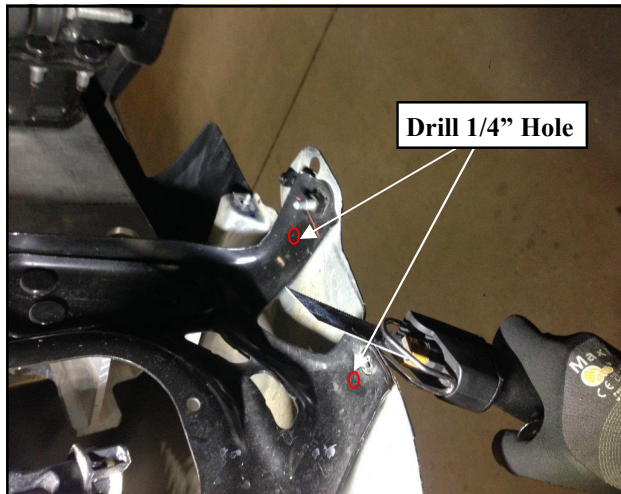
FRONT INSTALLATION:

1. Ensure that your work space is of adequate size and the work surface is level. Place the vehicle in park. 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 of and behind the rear wheels. Remove the front wheels.
2. Work on one side of the vehicle at a time.
3. Unbolt and remove the front plastic inner fender liner from the vehicle.
4. Unbolt and remove the covers from the back corners of the front bumper.
5. Using snips or another suitable cutting tool, trim the front plastic inner fender liner as shown in the picture below.
6. Apply masking tape to any area the front fender flares (**90-41001 drv**r and **90-41002 pass**) will contact, including the bolt hole locations.
7. Carefully, raise the front fender flare (**90-41001 drv**r and **90-41002 pass**) into position against the **OE** fender. Align the fender flare with the body lines and trace the outline of the fender flare onto the masking tape for reference.



8. Raise the front fender flare (**90-41001 drv**r and **90-41002 pass**) in place against the previously traced line on the fender. Using a marker, mark the (3) center bolt holes on the fender for drilling.
9. Remove front fender flare (**90-41001 drv**r and **90-41002 pass**) and center punch the (3) marks applied on the masking tape. Drill the (3) center mounting bolt center punched marks using a 1/4" drill bit.
10. Secure the front fender flare (**90-41001 drv**r and **90-41002 pass**) to the (3) center mounting holes on the **OE** fender using the supplied 6mm X 16mm bolts and 6mm nuts. Be sure the front fender flare is properly aligned with the body lines.
11. Once proper alignment is achieved, mark the outer mounting holes in front fender flare (**90-41001 drv**r and **90-41002 pass**) on the masking tape.

12. Center punch the remaining bolt hole markings in the masking tape. Drill the remaining center punched marks.
13. Carefully, raise the front fender flare (**90-41001 drv** and **90-41002 pass**) into position against the **OE** front fender and install to the previously drilled mounting holes using the supplied **6mm X 16mm** bolt and hardware.
14. Using the front fender flare (**90-41001 drv** and **90-41002 pass**) as a guide, trace a cutline onto the **OE** front fender. Continue that line onto the front bumper.



17. Once the bumper has been trimmed, drill new **1/4"** mounting holes in the bumper support bracket (**84-10236 drv** and **84-10237 pass**). Bolt the bumper back to the sub frame using the supplied **1/4" -20 X 3/4"** bolts and hardware.

18. Carefully remove the masking tape from the **OE** front fender.
NOTE: Additional trimming of the OE front fender may be necessary to aid in installation of the supplied front fender liners.

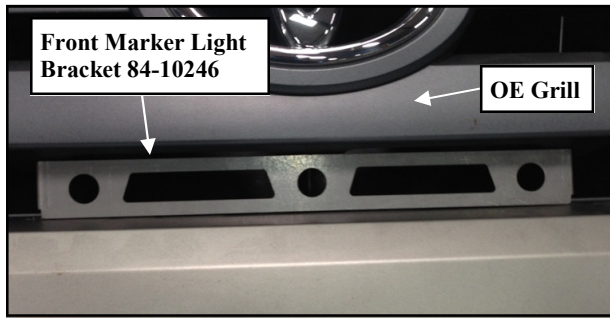
15. Carefully unbolt and remove the front fender flare (**90-41001 drv** and **90-41002 pass**) from the vehicle.

16. Trim the **OE** front fender along the previously applied cut line using a Sawzall or another suitable cutting tool.

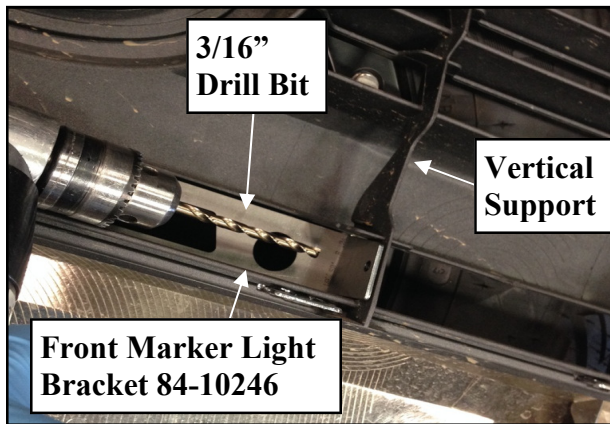
NOTE: Be sure to clean and de-bur any sharp edges.



19. Once the cut area has cooled, clean, sand, prime and paint the area with a quality paint.
20. Unbolt and remove the **OE** grille from the vehicle. Save the hardware for reinstallation.
21. Place the front marker light bracket (**84-10246**) on the bottom of the grill, centered between the **(2)** vertical supports.



22. Using the (2) side holes in the front marker light bracket (84-10246) as a template, drill through the (2) vertical supports using a 3/16" drill bit.



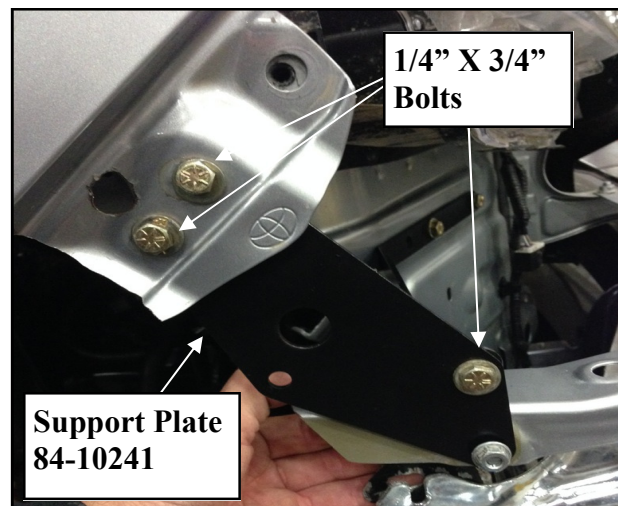
23. Secure the front marker light bracket (84-10246) to the grill vertical supports using the supplied 10-24 X 1/2" bolts and hardware.

NOTE: For TRD Pro models use the top mounting holes in the front marker light bracket.

24. Unclip and remove the corner panel under the headlights. Save the OE lock pins for reinstallation.
25. Mark and drill the new corner support bracket (84-10240).



26. Secure the new bracket to the previously drilled holes in the corner support bracket (84-10240) using the supplied 1/4" X 3/4" bolts and hardware. Attach support plate (84-10241) as shown.



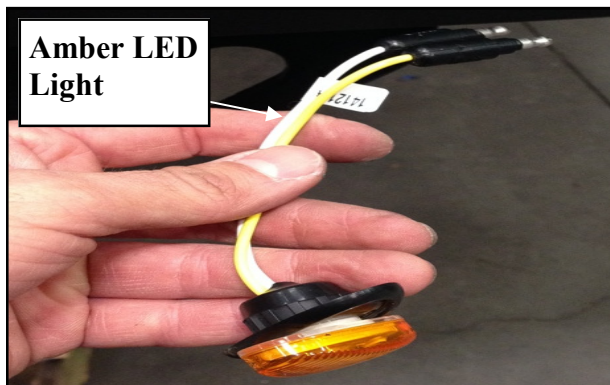
27. Reinstall the corner panel under the headlights using the previously removed OE lock pins.

28. On the driver side, unplug the OE side marker light harness and plug in the supplied wiring harness (90-40739). Run the short lead to the driver side amber LED light (90-40144) and run the long lead, behind the grille, to the front grille and passenger side amber LED light (3 front and 1 side)

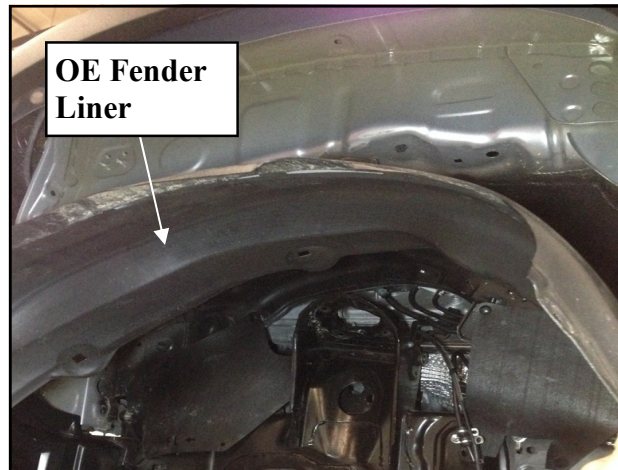
NOTE: Use wire ties secure the wiring and to route it away from all moving parts.



- 29. Reinstall the **OE** grille to the original mounting locations using the previously removed **OE** hardware.
- 30. Push the Amber LED lights (**90-40144**) into the mounting holes in the front grille bracket and front fender flares.

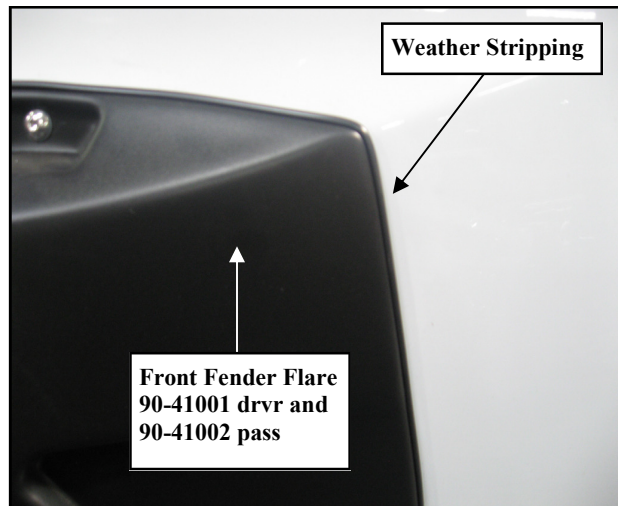


- 31. Install the bumper corner covers using the supplied hardware.
- 32. Install the **OE** front fender liners to the



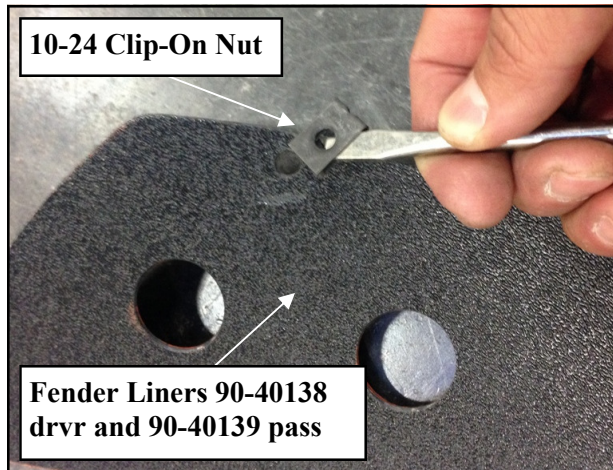
fender and the bumper cover using the previously removed **OE** hardware and supplied hardware.

- 33. Install the supplied weather stripping onto



the inner edge of the front fender flare (**90-41001 drv and 90-41002 pass**). Cut the excess weather stripping and use it on the remaining fender flare.

- 34. Carefully, raise the front fender flare (**90-41001 drv and 90-41002 pass**) into position against the **OE** front fender, align previously drilled mounting holes and secure in place using the supplied **6mm X 16mm** bolts, **M6** nuts and **1/4"** fender



washers. Make sure the 1/4" fender washers are installed under the heads of bolts on the outside of the fender.

IMPORTANT!: DO NOT over-tighten the M6 hardware. It will cause depressions in the front fender flare.

35. Install the provided fender liners (**90-40138 drvr** and **90-40139 pass**) to the fender and the bumper cover using the supplied **10-24** clip-on nuts and **10-24** black screws
36. Cut the edge trim to length and install onto front bumper.
37. Reinstall the wheels and lower the vehicle to the ground. Torque the lug nuts according to the wheel manufacturers recommendations.

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	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.

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