INSTALLATION INSTRUCTIONS
Ascent-XP Front Bumper
Part Number: 107272
Application: 2016-20 Toyota Tacoma

GENERAL SAFETY PRECAUTIONS

Your safety, and the safety of others, is very important. To help you make informed decisions about safety, we have provided installation and operating instructions and other information on labels and in this guide. This information alerts you to potential hazards that could hurt you or others. It is not possible to warn you about all potential hazards associated with this product, you must use your own good judgment.

CARELESS INSTALLATION AND OPERATION CAN RESULT IN SERIOUS INJURY OR EQUIPMENT DAMAGE. READ AND UNDERSTAND ALL SAFETY PRECAUTIONS AND OPERATING INSTRUCTIONS BEFORE INSTALLING AND OPERATING THIS PRODUCT.

This guide identifies potential hazards and has important safety messages that help you and others avoid personal injury or death. WARNING and CAUTION are signal words that identify the level of hazard. These signal words mean:

⚠WARNING signals a hazard that could cause serious injury or death if you do not follow recommendations. ⚠CAUTION signals a hazard that may cause minor to moderate injury if you do not follow recommendations.

This guide uses NOTICE to call attention to important mechanical information and Note: to emphasize general information worthy of special attention.

⚠ WARNING

IMPACT AND MOVING PARTS ENTANGLEMENT HAZARD

Failure to observe these instructions could lead to severe injury or death

- **Always** Know Your Winch. Take time to fully read the Instructions and/or Operations Guide, and/or Basic Guide to Winching Techniques, in order to understand your winch and its operations.
- **Never** work under vehicle before properly securing vehicle.
- **Always** use appropriate and adequate care in lifting components into place.
- **Never** work under vehicle before properly securing vehicle.
- **Always** use appropriate and adequate care in lifting components into place.
- **Never** use a jack to support the vehicle.
- **Always** use jack stands in pairs to support the vehicle.
- **Always** use jacks or jack stands only on a hard, stable, and level surface.
- **Never** exceed the rated capacity of a jack or jack stands.
- **Always** verify that the parking brake is set, the transmission is in park (automatic) or reverse (manual) and the rear wheels are blocked before working on vehicle.
- **Never** work under vehicle before properly securing vehicle.
- **Always** use appropriate and adequate care in lifting components into place.
- **Always** ensure components will remain secure during installation and operation.
- **Always** tighten all nuts and bolts securely, per the installation and operation.
- **Always** perform regular inspections and maintenance on the winch, winch mount and related hardware.
- **Always** replace all worn or damaged parts before operating.
- **Never** operate this WARN product with damaged or missing parts.
- **Always** use extreme caution when drilling on any vehicle. Make sure that all fuel lines, brake lines, electrical wires, and other objects are not punctured or damaged when / if drilling on the vehicle. Thoroughly inspect the area to be drilled (on both sides of material) prior to drilling and relocate any objects that may be damaged. Failure to inspect the area to be drilled may result in vehicle damage, electrical shock, fire, or personal injury.
- **Always** use extreme caution when cutting and trimming during fitting.
- **Always** wear safety glasses when installing this kit. A drilling operation will cause flying metal chips. Flying chips can cause eye injury.
- **Always** remove jewelry and wear eye protection.
- **Never** lean over battery while making connections.
- **Never** route electrical cables across any sharp edge, through or near moving parts, near parts that become hot.

Read installation and operating instructions thoroughly.

WARN INDUSTRIES, INC. 12900 S.E. Capps Road,
Clackamas, OR USA 97015-8903, 1-503-722-1200, FAX: 1-503-722-3000
Customer Service: 1-800-543-9276
Dealer Locator Service: 1-800-910-1122
International Fax: 1-503-722-3005

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⚠ CAUTION

MOVING PARTS ENTANGLEMENT HAZARD

Failure to observe these instructions could lead to minor or moderate injury

- Part edges may be sharp!
- Always use proper posture / lifting technique or get lifting assistance while handling and installing product.

Read installation and operating instructions thoroughly.

NOTICE

EQUIPMENT DAMAGE

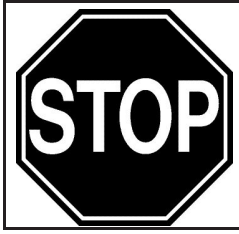
- **Never** tow vehicle by attaching a tow bar to the eyelets on the bumper.
- Do not attach tow bars directly to the bumper. Damage to bumper may occur. WARN bumpers are not designed to be used for flat towing. Consult with the manufacturer of your tow bar system for the proper vehicle tow bar brackets.

Read installation and operating instructions thoroughly.

BEFORE YOU BEGIN

- **BEFORE YOU BEGIN READ INSTALLATION INSTRUCTION THOROUGHLY.**

NOTICE



This product may interfere with driver assist systems such as adaptive cruise control and parking assist systems that have sensors or cameras installed in the bumpers or front grill area. If your vehicle is equipped with any of these systems or features, consult your vehicle owner's manual before installing this product. These systems may need to be disabled as a result of installing this product.

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TOOLS REQUIRED

- Metric socket set
- Metric wrenches
- Flat Head Screwdriver
- Painters Tape
- -Standard socket set
- - Standard wrenches
- -Silver Sharpie
- -Snips
- -Pry tool
- - Body Saw
- -Zip Ties
- -Needle Nose Pliers
- - Angle Grinder with flat disk pad

TORQUE SPECIFICATIONS

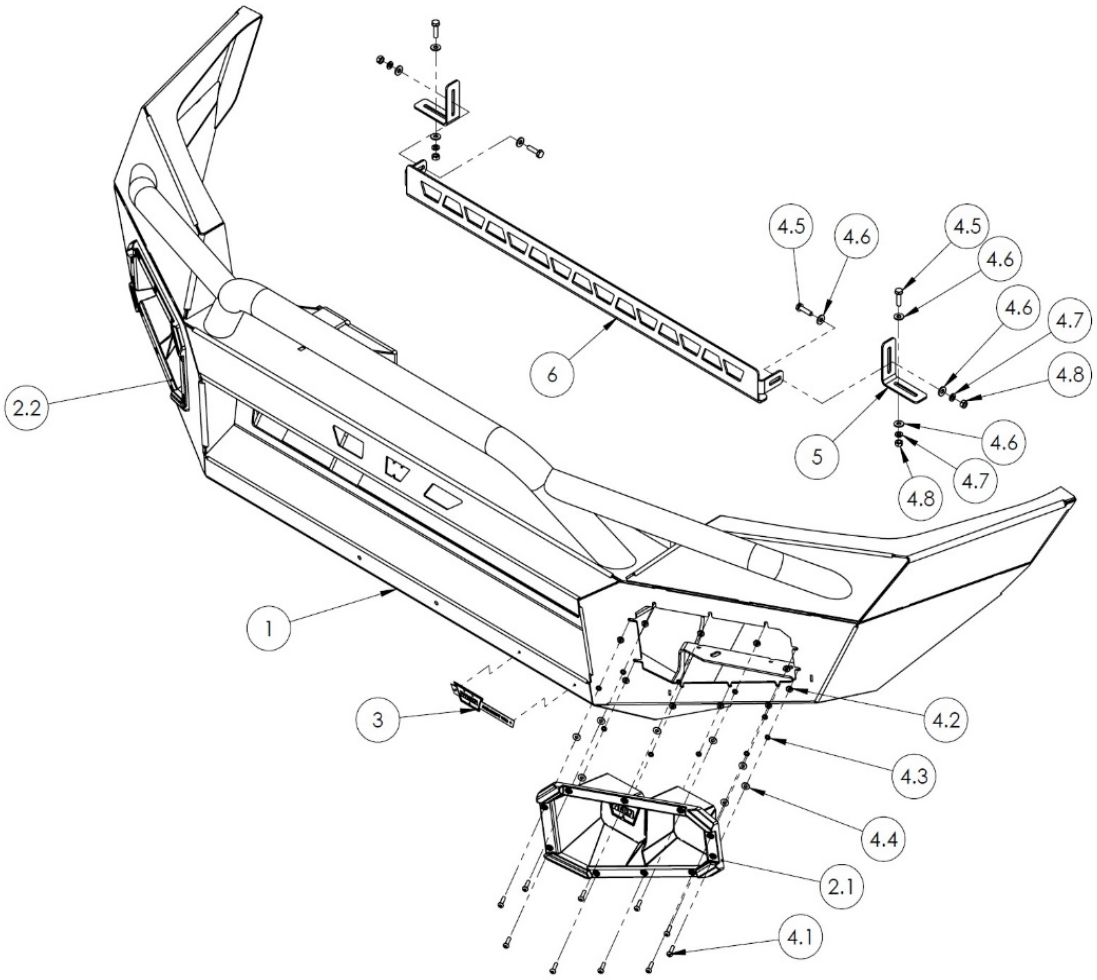
Please use the recommended torque specifications when assembling this product unless otherwise specified in the instructions.

FASTENER SIZE	*FASTENER TORQUE*		*FASTENER SIZE*	*FASTENER TORQUE*	
	lb-ft	*(N.m)*		*lb-ft*	*(N.m)*
1/4"	*8*	*(11)*	*M4*	*(2)*	*3*
5/16"	*17*	*(23)*	*M5*	*(4.5)*	*6*
3/8"	*30*	*(40)*	*M6*	*(7.5)*	*10*
7/16"	*48*	*(66)*	*M8*	*(18)*	*25*
1/2"	*74*	*(100)*	*M10*	*(37)*	*50*
9/16"	*106*	*(144)*			
5/8"	*148*	*(200)*			
3/4"	*269*	*(364)*			

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PARTS LIST

ITEM	PART NO.	DESCRIPTION	QTY	ITEM	PART NO.	DESCRIPTION	QTY
1	107272	WARN Ascent XP 2016-20 Toyota Tacoma Bumper	1				
2.1	94888	Light Insert RH	1				
2.2	94889	Light Insert LH	1				
3	107152	WARN Ascent XP Label	1				
4	50282-HW	107272 WARN HW Kit	1				
4.1	101064	10-24X3/4 Button head bolt *(notallshown)*	20				
4.2	101065	10-24 Machine screw nut	20				
4.3	101072	#10 Split lock washer	20				
4.4	101067	#10 Flat washer	20				
4.5	101039	¼”-20 x 1” Hex head bolt	4				
4.6	100975	¼” Flat washer	8				
4.7	100974	¼” Lock washer	4				
4.8	100511	¼”-20 Hex nut	4				
5	22352	WARN XP L-Bracket	2				
6	22353	WARN XP Mesh Insert	1				
7	107271	Tacoma XP Installation manual	1				



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Note: Save all OEM parts until installation is complete!

1. Using a 10mm socket wrench, remove the two (2) screws holding the grille to the core support. **(Figure 1)**



Figure 1

2. Using a plastic body panel pry tool, remove the push lock clip from the outer edge of the grille on either side near the headlights. To release these clips, lift up on the center portion and then pull the whole clip upwards. With the clips removed, pull firmly outward on the grille shell and it should pop loose. **(Figure 2)**

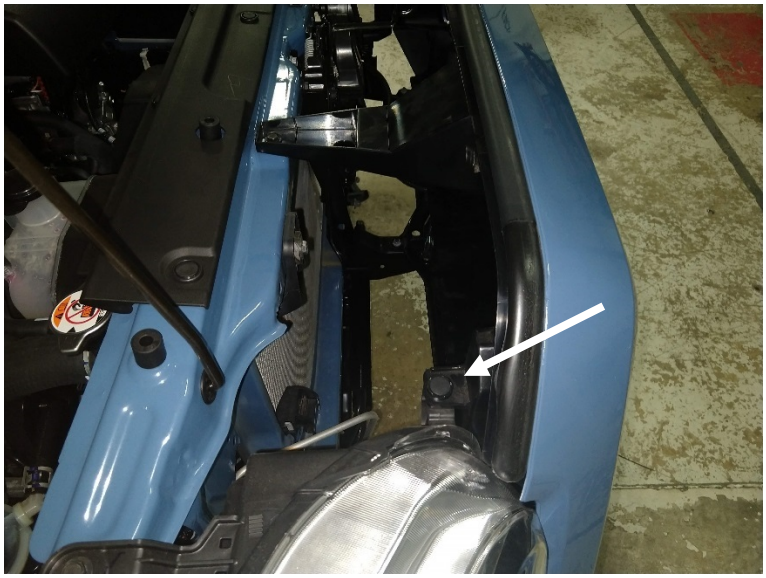


Figure 2

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3. Using a 10mm socket wrench, remove the nine (9) screws attaching the black plastic valance to the lower portion of the bumper cover on the outside. **(Figure 3)**

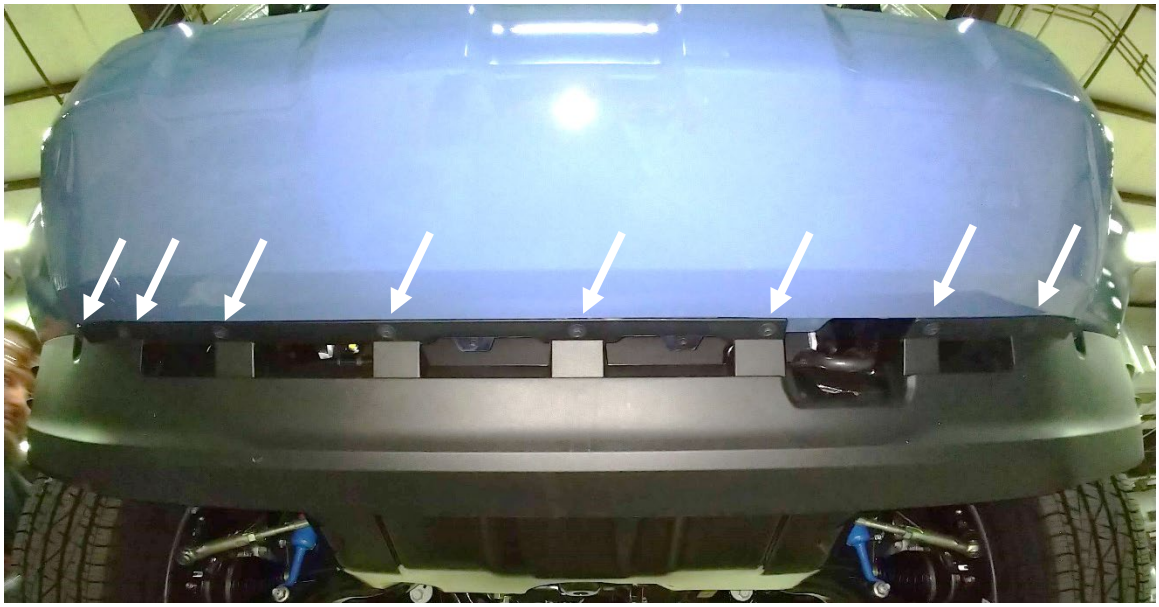


Figure 3

4. Using a 10mm socket wrench, remove the three (3) screws attaching the black plastic valance and inner fender to the lower portion of the bumper cover on the inside of each side of the vehicle. **(Figure 4)**



Figure 4

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5. Using a 10mm socket wrench, remove the two (2) screws at the bottom center of the bumper cover. **(Figure 5)**

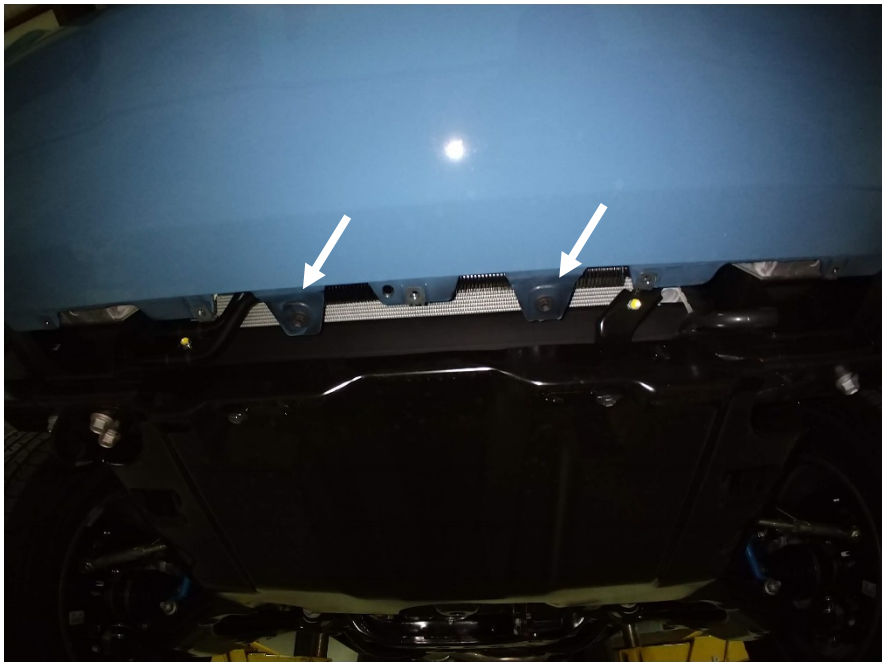


Figure 5

6. Using a 10mm socket wrench and a flat head screwdriver, remove the screw and the twist lock clip attaching the inner fender to the bumper cover. **(Figure 6)**



Figure 6

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7. Using a plastic body panel pry tool, remove the six (6) push lock clips from the top of the bumper cover. **(Figure 7)**

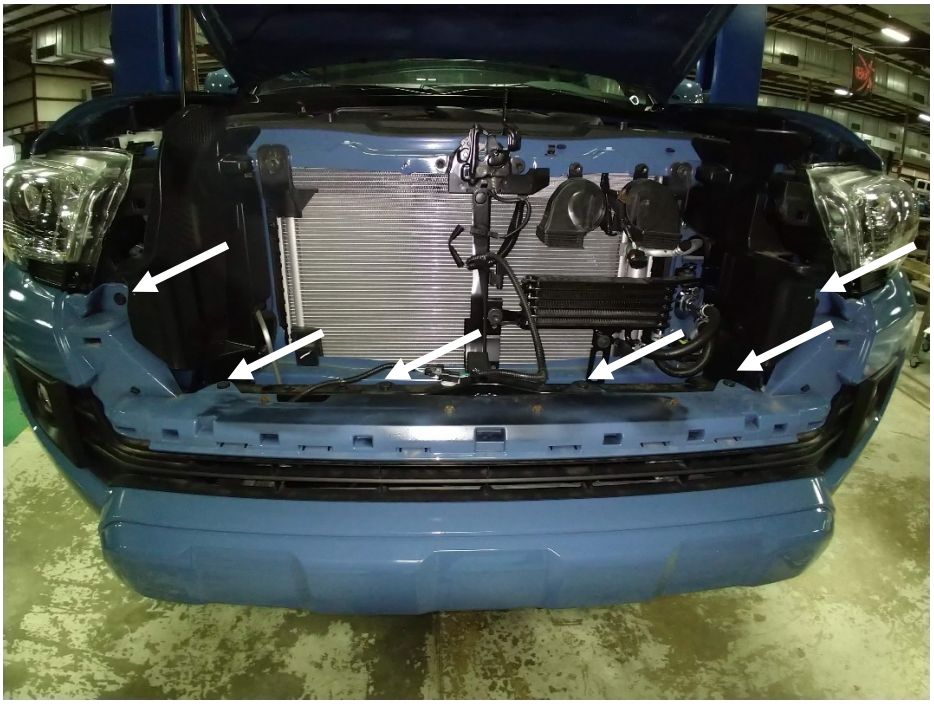


Figure 7

8. Using a plastic body panel pry tool, reach inside the bumper cover and pinch the two (2) clips holding the flare to the bumper cover and pull out on the flare. **(Figure 8)** With the flares pulled out of the cover remove the bumper cover from the vehicle.

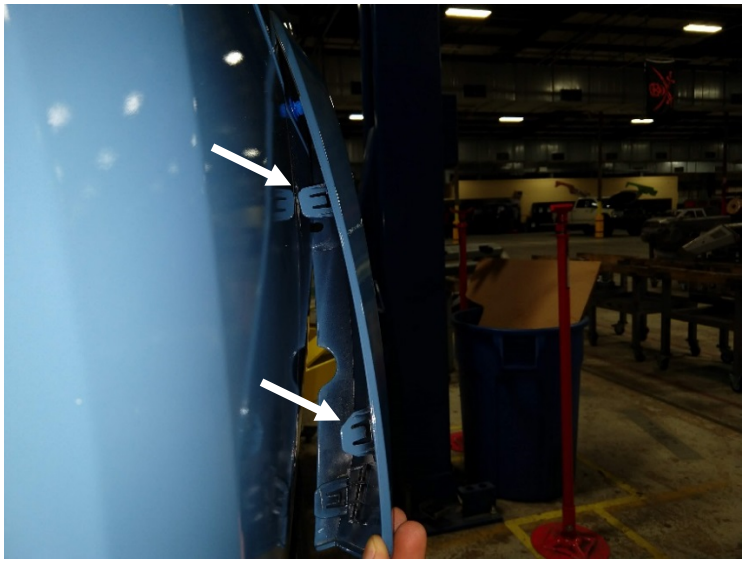


Figure 8

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9. Using a 14mm socket wrench, remove the three (3) nuts per side holding the impact bar to the core support. **(Figure 9)**

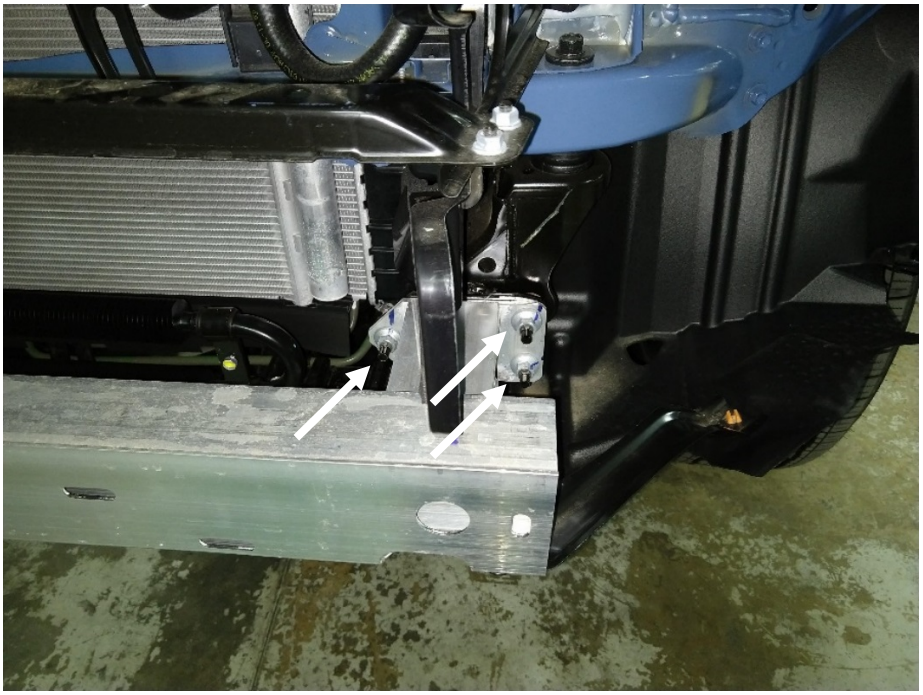


Figure 9

10. Using a pair of needle nose pliers, remove the plastic captured nut from the inner fender and support bar. **(Figure 10)** Remove the impact bar from the vehicle.



Figure 10

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11. Using a 17mm socket wrench, remove the screw on either end of the bottom of the core support. Leave the crash bars in place. **(Figure 11)**



Figure 11

12. Using a plastic body panel pry tool, remove the push lock clip holding the air dams on either side of the radiator then pull. **(Figure 12)**



Figure 12

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13. Using a silver sharpie and a body saw, mark and cut a line on the bumper cover bracket at the edge of the fender. **(Figure 13)**

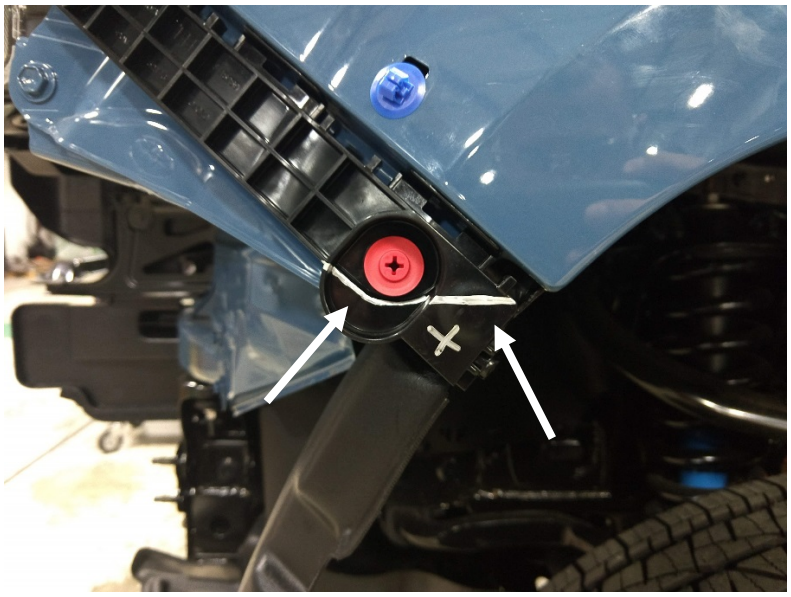


Figure 13

14. Using painters' tape and a body saw, mark and cut the inner fender following the profile of the body in front of the wheel. Remove any rough edges using an angle grinder with flap disk pad. **(Figure 14)**



Figure 14

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15. Holding the bumper cover up the vehicle, use painters' tape to cover the upper portions of the bumper cover in preparation for being cut. **(Figure 15)**



Figure 15

16. Using a silver sharpie and a tape measure, scribe a straight line on the bumper cover connecting the bottom of the opening around the fog light and the bottom corner of the fender. **(Figure 16)**

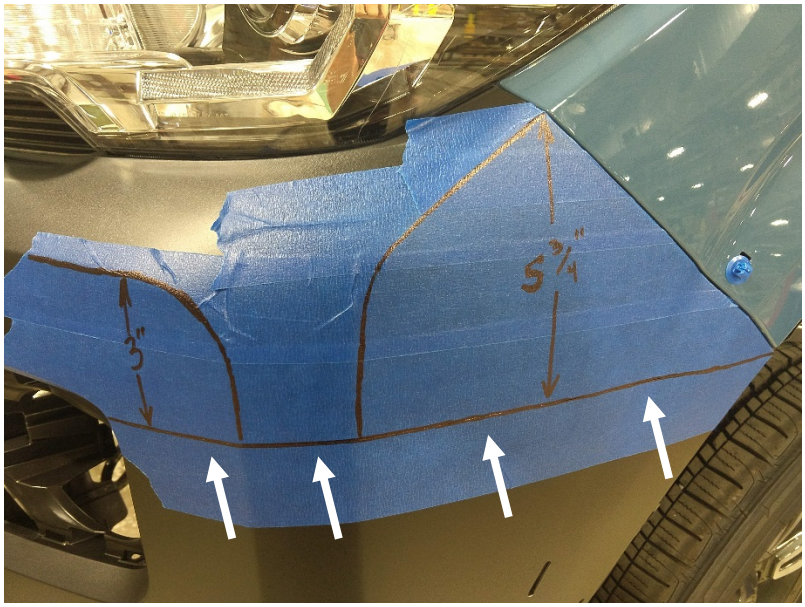


Figure 16

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17. Using painters' tape and a silver sharpie, cover and mark the fender flare in line with the mark made in step 19. **(Figure 17)**

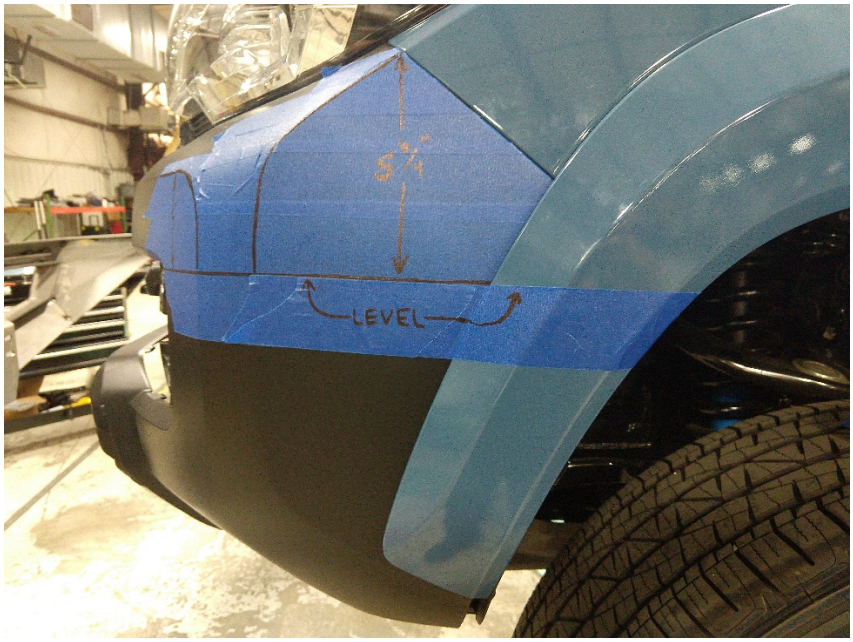


Figure 17

18. Using a silver sharpie, mark the bumper cover above the fog light pocket. **(Figure 18)**

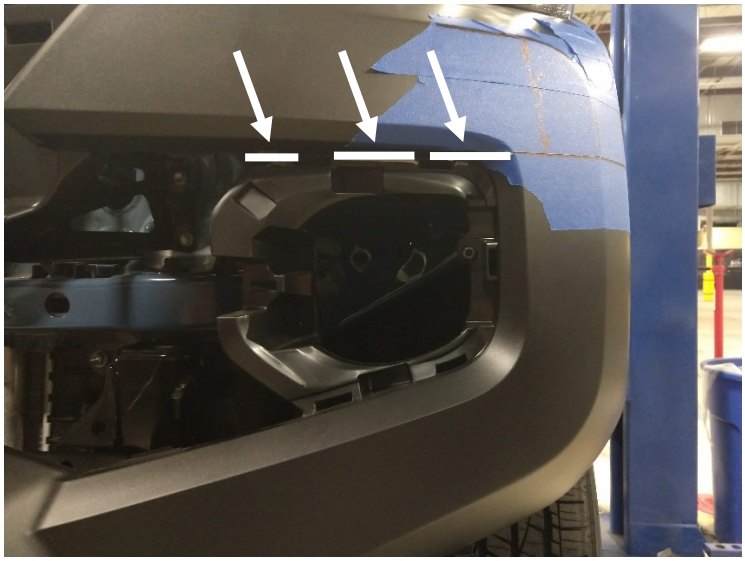


Figure 18

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19. Using a body saw, cut roughly 1/8” below the lines made in steps 19-21. **(Figure 19)**



Figure 19

20. Using an angle grinder with a flap disk pad, remove the rest of the material up to the marks made in steps 19-21 and to remove any roughness created by the body saw.

21. Reinstall the cut bumper cover and grille at this point by reversing the steps used earlier to remove them.

22. Install the two light inserts (94888 and 94889) into the bumper and fasten them with the provided 10-24 stainless steel button head screws, flat/lock washers, and nuts (50282-HW). Figure 20-21.

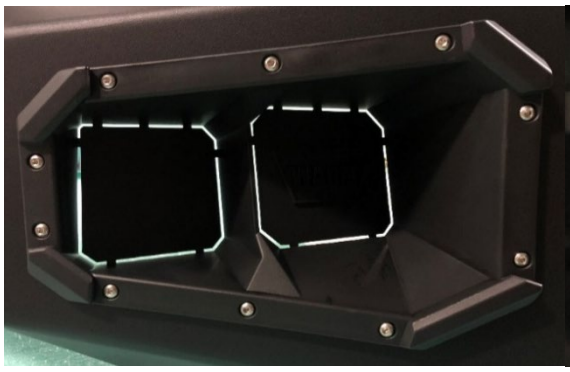


Figure 20

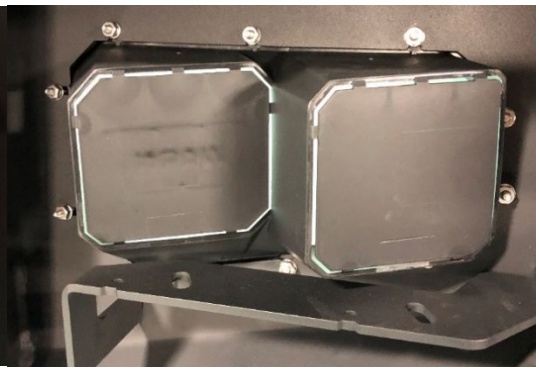


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23. Use the provided 1/4" hex head bolts, flat washers and lock washers to install the two (2) L-brackets (22352) and the mesh (22353) (50282-hw). **Figure 22**.

    Note: Center the mesh in the opening before tightening the 1/4" hardware. If installing a 30” Light bar replace the mesh with the lightbar and use the lightbar hardware to attach it to the provided L-brackets (22352).



Figure 22

24. With assistance, hold the bumper up to the truck and use the OEM hardware install mounting brackets to the frame. This requires the four 14mm nuts per side. Do Not Tighten Fully, Only Finger Tighten to allow for adjustment.

25. Adjust the bumper to achieve good visual alignment.

26. Tighten all fasteners beginning with frame mounts.

MAINTENANCE / CARE

1. Inspect all parts on the winch, winch mount, and related hardware prior to each use. Replace all hardware that appears rusted or deformed.

2. Inspect all nuts and bolts on the winch, winch mount, and related hardware prior to each use. Tighten all nuts that appear to be loose. Stripped, fractured, or bent bolts or nuts need to be replaced.

3. Check all cables prior to use. Replace cables that look worn or frayed.

4. Check all moving or rotating parts. Remove debris that may inhibit the part from moving freely.

CARELESS INSTALLATION AND OPERATION CAN RESULT IN SERIOUS INJURY OR EQUIPMENT DAMAGE. READ AND UNDERSTAND ALL SAFETY PRECAUTIONS AND OPERATING INSTRUCTIONS BEFORE INSTALLING AND OPERATING THIS PRODUCT.

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