



INSTALLATION INSTRUCTIONS

ASCENT FRONT BUMPER

Part Number: 110944/110945

Application: 2024 GMC HD

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.
- **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** insure 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.

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Clackamas, OR USA 97015-8903, 1-503-722-1200, FAX: 1-503-722-3000
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Dealer Locator Service: 1-800-910-1122
International Sales/Customer Service: 1-503-722-3008
International Fax: 1-503-722-3005

⚠ 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.

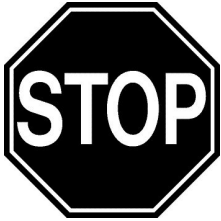
NOTICE

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



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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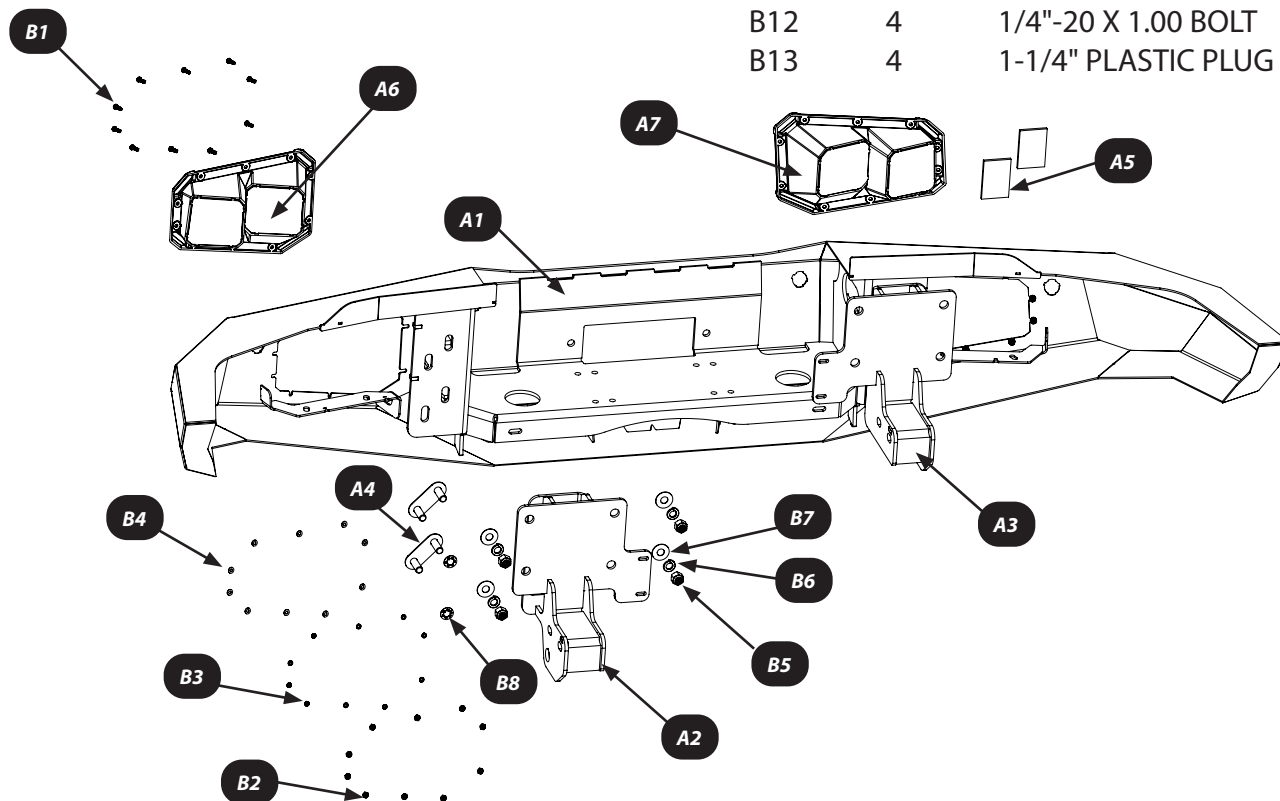
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TOOLS REQUIRED

- | | |
|----------------------------|-------------------------------|
| • 7MM SOCKET WRENCH | • 3/4" SOCKET WRENCH |
| • 10MM SOCKET WRENCH | • 3/4" COMBINATION WRENCH |
| • 15MM SOCKET WRENCH | • 18MM COMBINATION WRENCH |
| • 18MM SOCKET WRENCH | • T10 STAR HEAD SOCKET WRENCH |
| • 7/16" SOCKET WRENCH | • WIRE CUTTERS |
| • 7/16" COMBINATION WRENCH | • PLYERS |
| • 9/16" SOCKET WRENCH | • BODY PRY TOOL |

PARTS LIST

Item	Qty	Name	PN	Item	Qty	Name
A1	1	ASCENT 24GMCHD	23207-W	B1	20	10-24 X 3/4" BOLT - SS
A2	1	DS FRAME MOUNT	23208-W	B2	20	10-24 NUT
A3	1	PS FRAME MOUNT	23209-W	B3	20	#10 LOCK WASHER
A4	4	1/2" BOLT STRIP	20296-W	B4	20	#10 FLAT WASHER
A5	2	EPOXY	61632	B5	8	1/2"-13 HEX NUT
A6	1	WARN DS LIGHT PORT	94889	B6	8	1/2" LOCK WASHER
A7	1	WARN PS LIGHT PORT	94888	B7	8	1/2" FLAT WASHER
				B8	4	1/2" BOLT RETAINER
				B9	4	1/4"-20 HEX NUT
				B10	4	1/4" LOCK WASHER
				B11	8	1/4" FLAT WASHER
				B12	4	1/4"-20 X 1.00 BOLT
				B13	4	1-1/4" PLASTIC PLUG



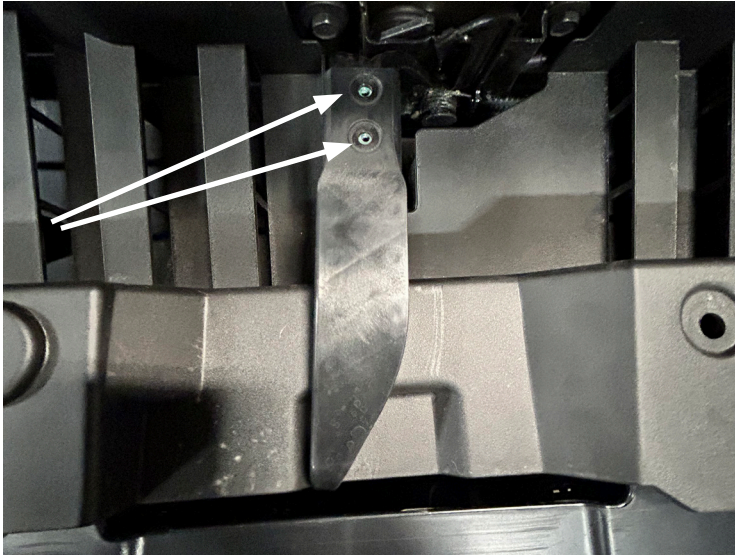
TORQUE SPECIFICATIONS

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

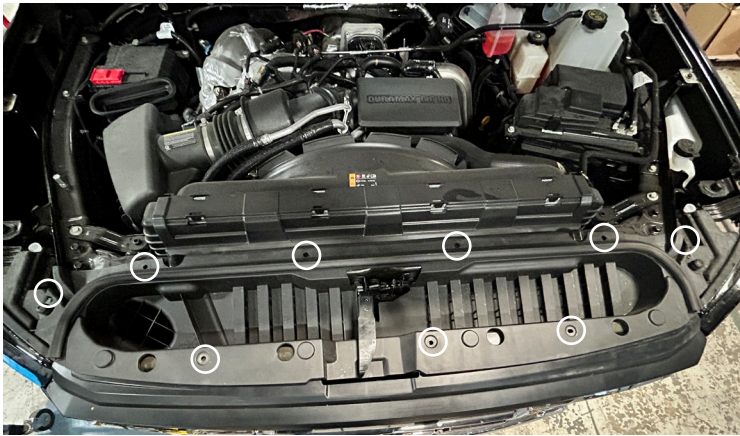
FASTENER SIZE	FASTENER TORQUE		FASTENER SIZE	FASTENER TORQUE	
	lb-ft	(N.m)		lb-ft	(N.m)
1/4"	8	(11)	M4	(2)	3
5/16"	17	(23)	M5	(4.5)	6
3/8"	30	(40)	M6	(7.5)	10
7/16"	48	(66)	M8	(18)	25
1/2"	74	(100)	M10	(37)	50
9/16"	106	(144)			
5/8"	148	(200)			
3/4"	269	(364)			

REMOVAL INSTRUCTIONS

1. Using a T10 Torx bit, remove the two screws in the hood latch handle to remove it.



2. Using a panel pry tool, remove the nine push pins retaining the under-hood cowl.



3. Using a 10mm socket wrench, remove the four screws along the top of the grille.



4. Using a panel pry tool, remove the push pins to remove the front 1/4 fender flare (each side).



5. Using a 7mm socket wrench, remove the screw holding the fascia to the fender on each side of the vehicle.



6. Using a panel pry tool and your hands, carefully pull outward on the fascia starting from the edge against the fender to remove it from the vehicle (each side).



REMOVAL INSTRUCTIONS

7. If equipped, disconnect the grille camera washer hose.



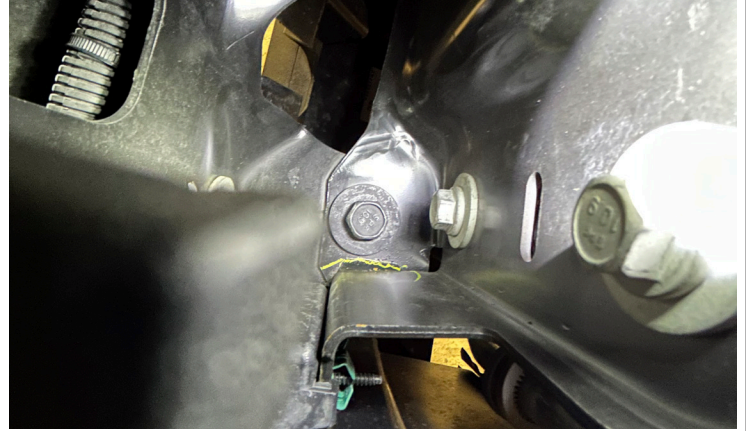
8. If equipped, disconnect the grille camera wiring harness.



9. Remove the grille from the vehicle by pulling outward, starting on one side and working across to release the clips.



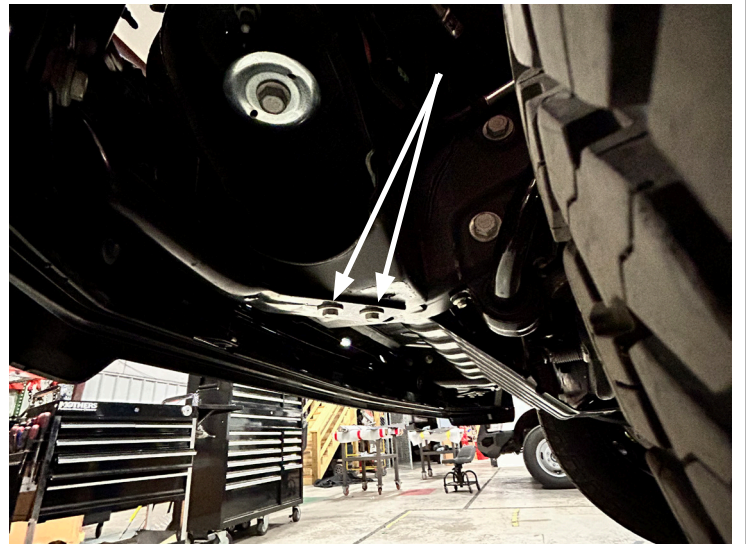
10. Using a 15mm socket with extension, remove the two bolts behind the bumper at the bottom of the bumper mounting brackets.



11. Using a 15mm socket wrench, remove the two screws at the top of the bumper mounting brackets.



12. Using a 15mm socket wrench, remove two bolts in each of the two bumper reinforcement brackets from the frame.



REMOVAL INSTRUCTIONS

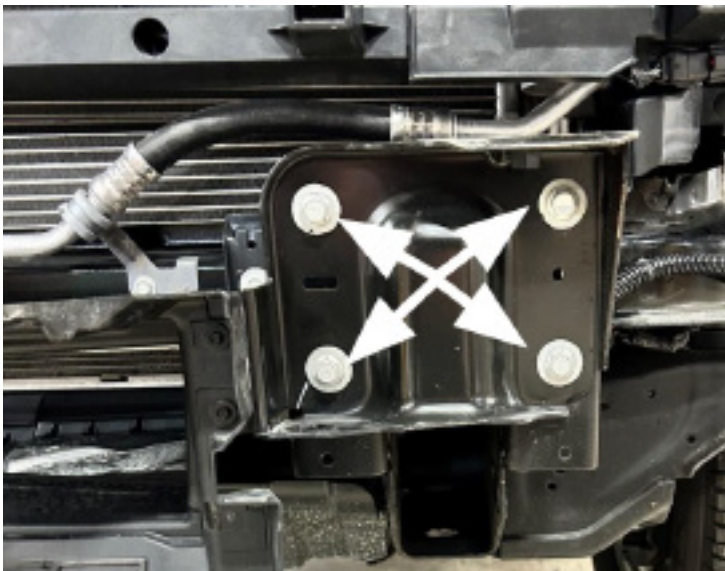
13. If applicable, remove the block heater plug from the driver's side of the vehicle.



14. Disconnect the bumper wiring harness from the passenger side of the vehicle.



15. Using an 15mm socket wrench, remove the four bolts per bumper bracket (each side).



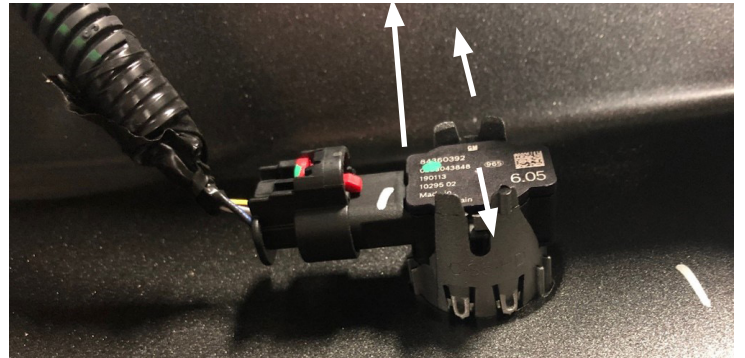
16. Using a 10mm socket wrench, remove the four (4) screws from the intercooler shroud.



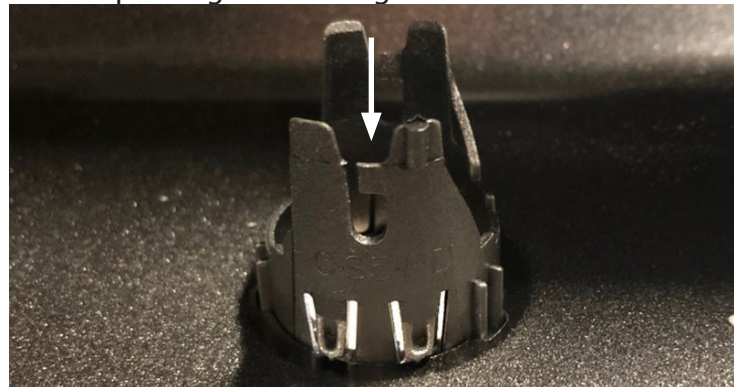
17. Using a 15mm socket wrench, to remove bolts inside OEM bumper inner structure to gain access to the parking sensors.



18. Carefully remove the sensors and sensor housings from the bumper by spreading the housing clips out and pushing the sensor out simultaneously. **NOTE: Be sure to mark the location and orientation of each sensor plug.**

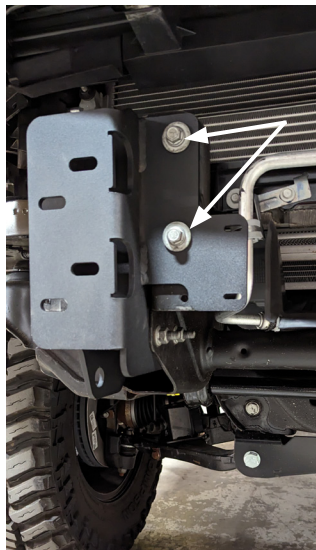


19. Remove the sensor housings from the bumper by pressing the retainer clips in on the sides and pushing the housing out.

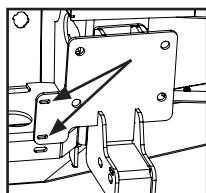


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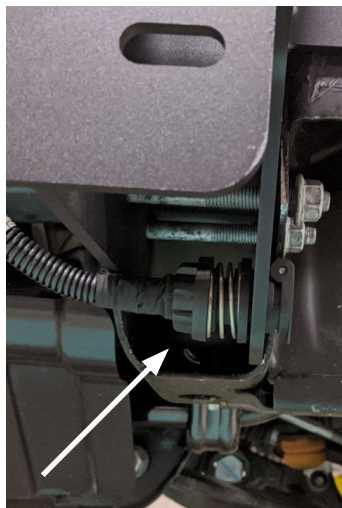
20. Install the frame mounts (A2 & A3) on the frame rails using the previously removed hardware from steps 15 and tighten per torque recommendation on page 3.



NOTE: The two inner slots on each mounting bracket and the provided 1/4" hardware (B9-B12) will not be used for this installation.



21. If your vehicle was equipped with a block heater plug, reverse the process in step 15 to install the heater plug into the driver side mounting bracket.



22. Reinstall the parking sensor housings into the Warn Ascent bumper in the same orientation and position from which they were removed.



23. From the inside of the bumper, apply the provided epoxy around the sensor housing to hold in place.

NOTE: If vehicle is not equipped with parking sensors, install the plastic plugs (B13) into the cutouts on the bumper shell.



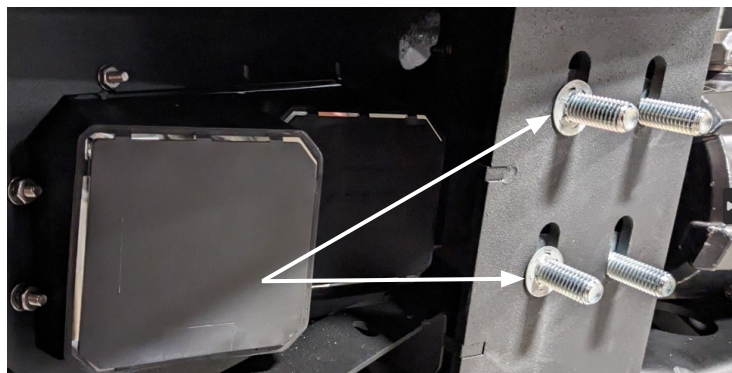
24. Using the provided silver 10-24 screws (B1), lock washers (B3), flat washers (B4), and nuts (B2), install the light ports (A6 & A7) into their respective sides.



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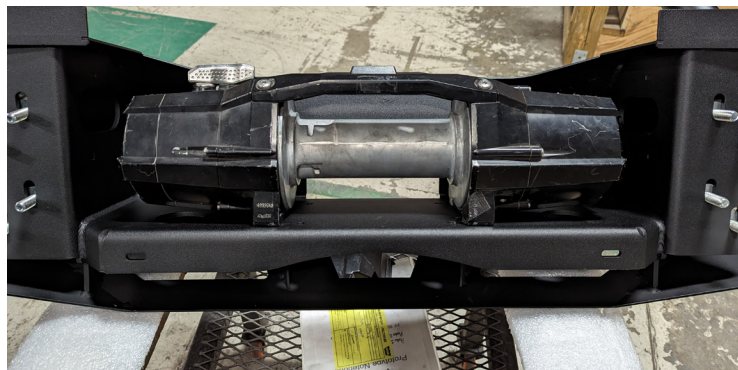
25. Place two bolt strips (A4) to the inside of the bumper mount and secure each in place using one bolt retainer (B8). Repeat for other side.

TIP: A 3/4" deep socket can assist in pushing the retainers flush against the mount.



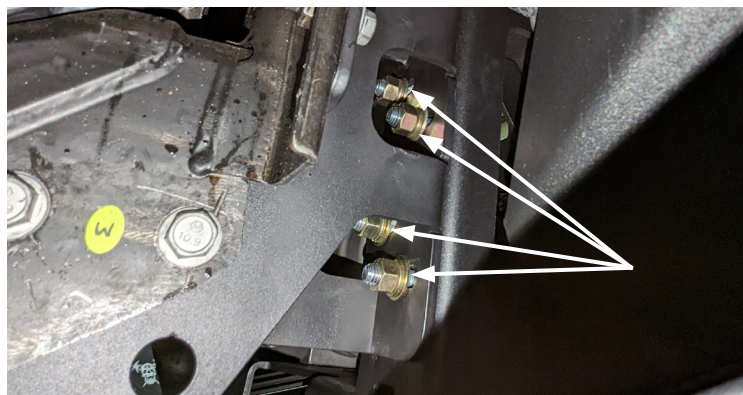
26. Mount your winch and fairlead per your winch installation instructions.

NOTE: We recommend routing your winch power cables now, while the front of the vehicle is free of obstructions.



CAUTION Always use assistance when moving or lifting heavy parts.

27. With assistance, install the bumper (A1) onto the frame mounts/bolt strips.
28. Secure bumper with 1/2" flat washers (B7), lock washers (B6) and hex nuts (B5). Do not completely tighten to allow for alignment.



29. With the bumper centered and level tighten ALL hardware to torque specifications.



30. Plug in ALL wiring harnesses to their respective locations.
31. Complete winch wiring per winch installation instructions.

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.