



INSTALLATION INSTRUCTIONS

Trans4mer Gen III Mounting Bracket Kit

Part Number: 112043

Application: 2023 Chevrolet Silverado 1500

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** 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.

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 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.

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BEFORE YOU BEGIN



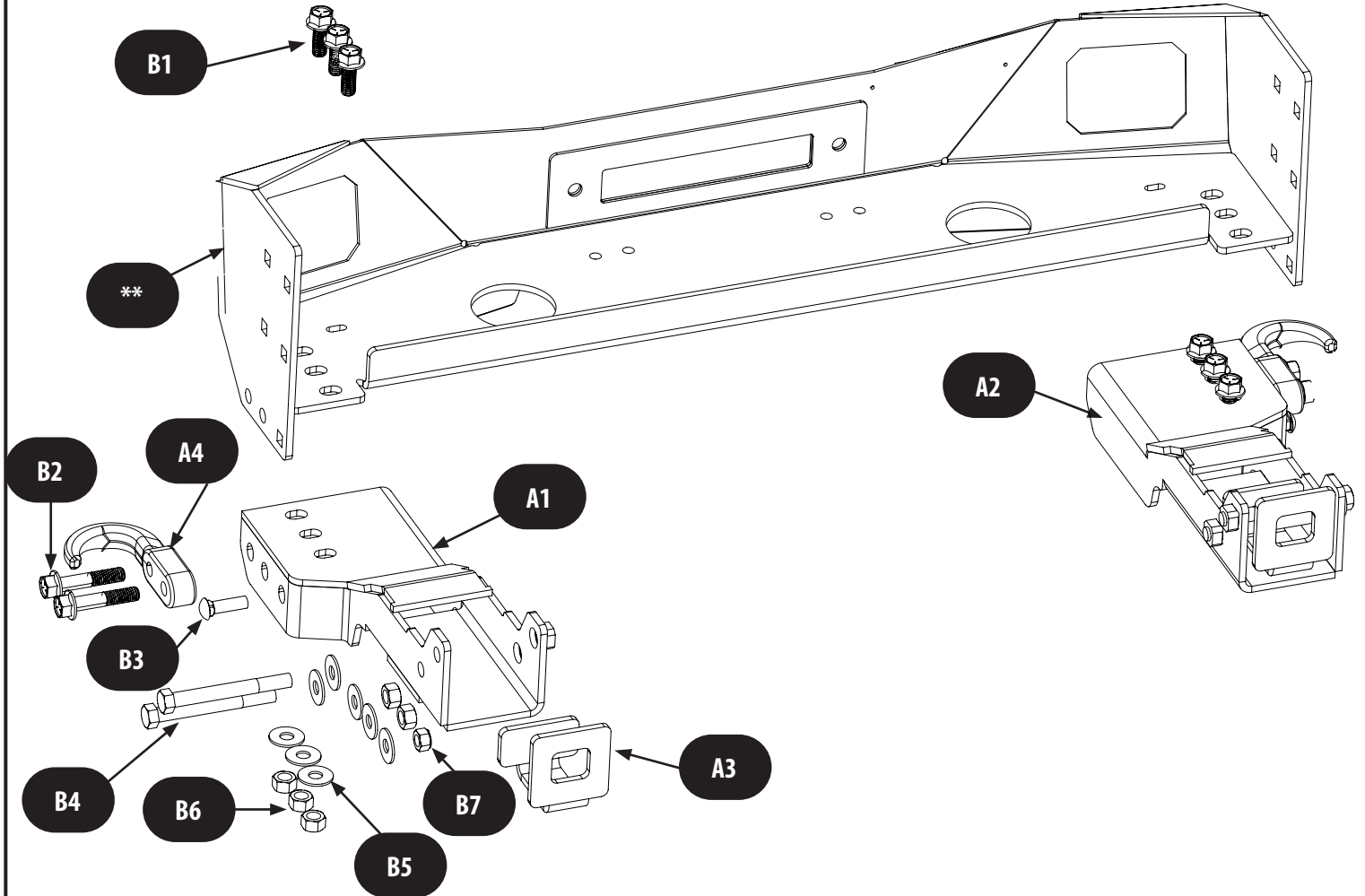
This product may interfere with driver assist systems such as adaptive cruise control and parking assist systems that have sensors or cameras installed in the bumpers or front grill area. If your vehicle is equipped with any of these systems or features, consult your vehicle owner's manual before installing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

TOOLS REQUIRED

- standard wrenches and sockets
- metric wrenches and sockets
- ratchet

PARTS LIST

ITEM	QTY	NAME	PN	ITEM	QTY	NAME	PN
A1	1	LH MOUNT	112044	B1	6	1/2-13 X 1.50 FLANGE HEAD BOLT	102835
A2	1	RH MOUNT	112048	B2	4	1/2-13 X 2.50 FLANGE HEAD BOLT	102836
A3	2	CRUSH PLATE	112051	B3	2	7/16-14 X 1.50 CARRIAGE BOLT	11124
A4	2	TOW HOOK	13222	B4	4	1/2-13 X 4.50 HEX HEAD BOLT	710269
**	(SOLD SEPARATELY) MID FRAME CARRIER KIT		107650	B5	16	7/16 FLAT WASHER	74636
				B6	10	1/2-13 LOCK NUT	29060
				B7	2	7/16-14 LOCK NUT	710123



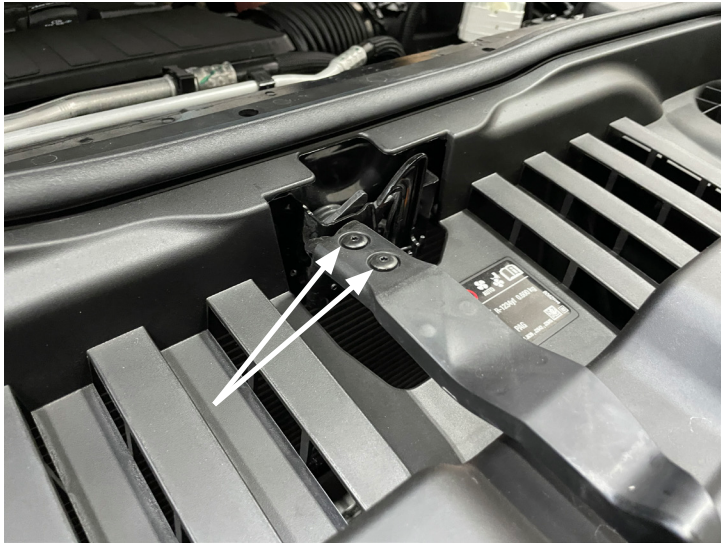
TORQUE SPECIFICATIONS

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)			

INSTALLATION INSTRUCTIONS

1. Using a T15 Torx bit, remove the two Torx screws from the hood latch handle and slide the handle free and place it safely aside.



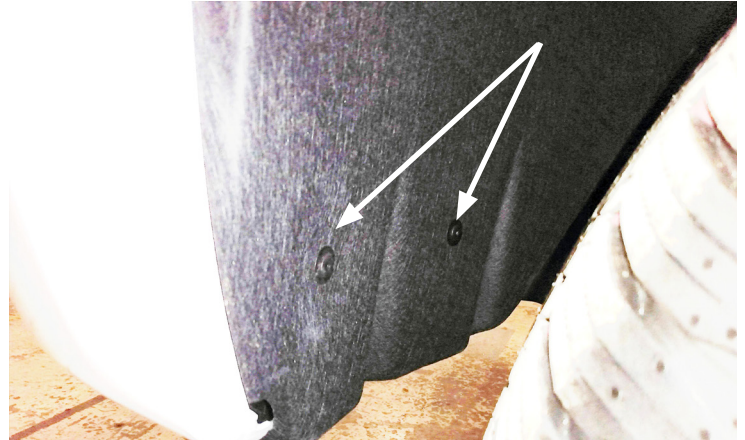
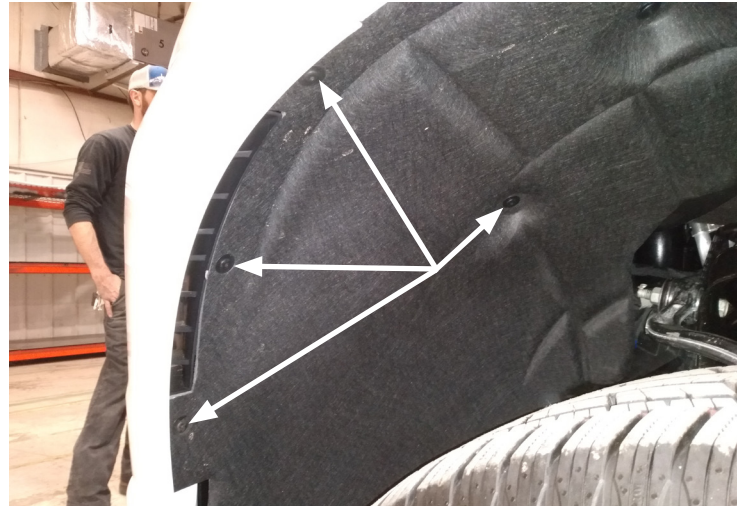
2. Using a panel pry tool, remove the nine push pins in the hood cowl and safely place it aside.



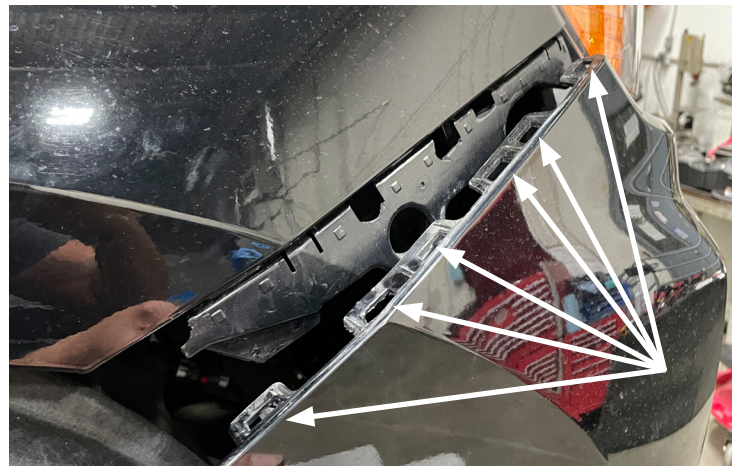
3. Using a 10-mm socket, remove the four screws across the top of the grille.



4. Using a T15 Torx bit, remove the six lowest and forward most screws in each front inner fender liner.



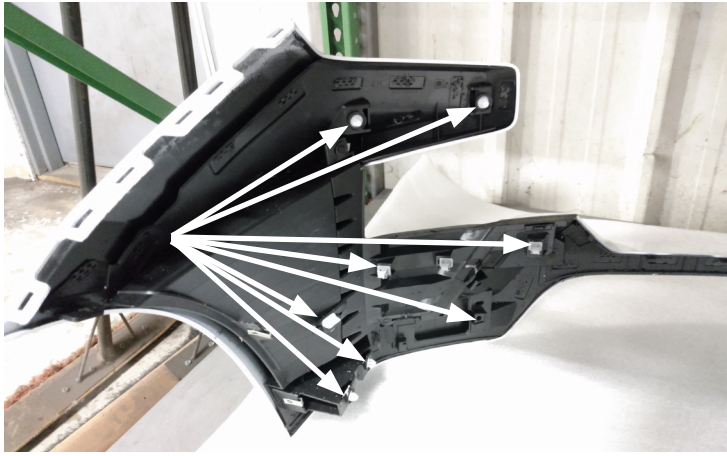
5. Beginning on one side of the vehicle, carefully pull outward on the valence and use a small thin plastic panel pry tool to release the six clips attaching it to the fender. **TIP: Carefully slide the pry tool between the seam of the valence and fender and press the clips down while pulling outward on the valence.**



6. When all six clips are free, move to the opposite side of the vehicle and repeat the step above.

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7. With the seam clips released on both sides of the vehicle, carefully pull the valence forward and pop all the clips free and place the valence safely aside.

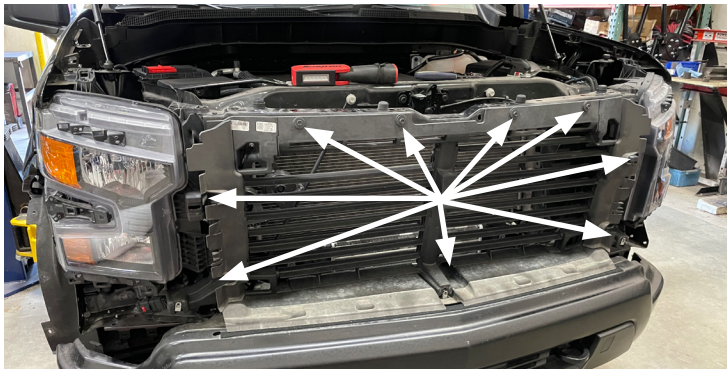


8. With the lower part of the front grille exposed, use a 10-mm socket to remove the three screws from the bottom of the grille.

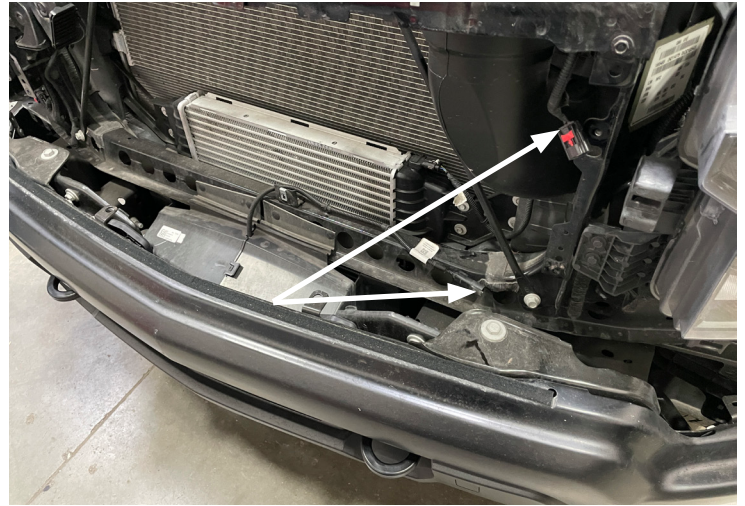


9. Remove the grille by pulling outward on the section above the headlights to free the two clips and then pull outward on the center section to free the three center clips. Safely place the grille aside.

10. Using a 10-mm socket, remove the nine screws along the perimeter of the louvers.



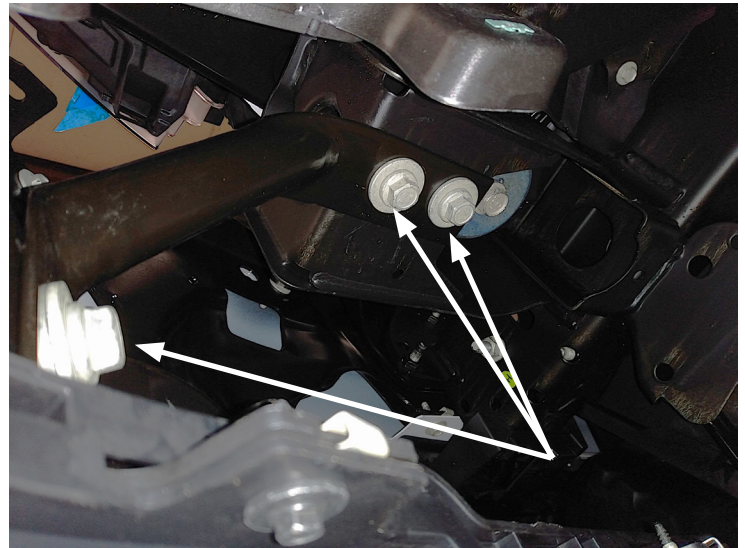
11. Slightly pull the louvers forward and then disconnect the two electrical plugs on the driver's side of the vehicle.



12. Using a 16-mm socket, remove the two bumper bolts from the bottom of the vehicle on both sides.



13. Using an 18-mm socket, remove the three bolts from the supports that hold the bumper to the frame of the vehicle (both sides).

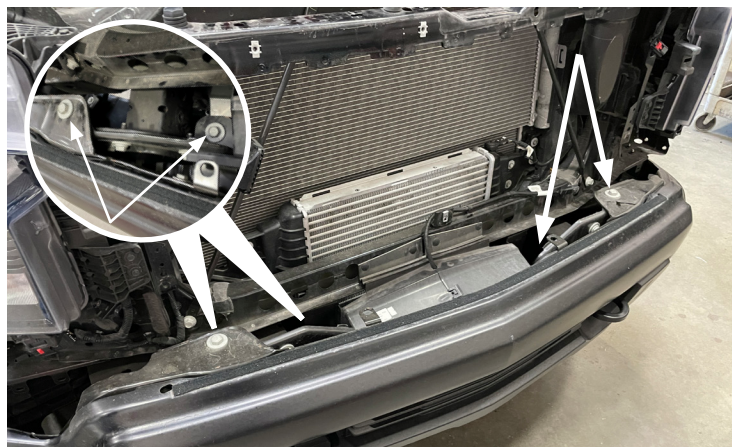


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14. Using a panel pry tool, remove the push pin attaching the rubber tow hook boot to the frame.



15. Using an 18-mm socket, remove the four bumper bolts and fully remove the lower bumper from the frame rails and place safely aside.



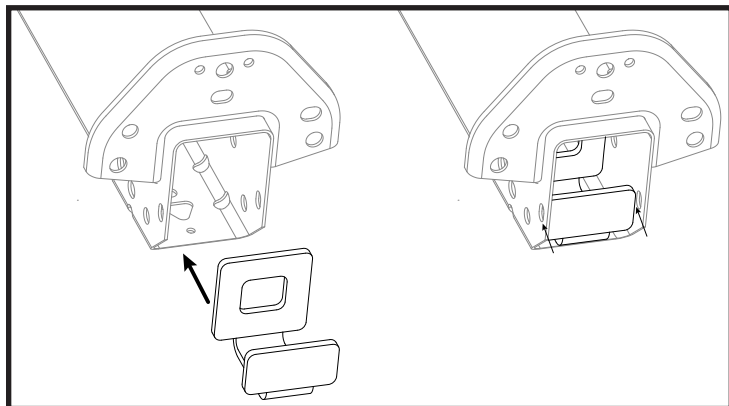
16. Fully remove the rubber tow hook boots.
17. Using an 18-mm socket, remove the two bolts holding the tow hook to the frame, and fully remove the tow hook from the frame rail. These will not be reused.



18. Locate the front bumper, and using a cutting tool, cut out the plastic fascia that contains the tow hook opening. Repeat for other side.



19. Locate the two crush plates (A3). Slide one in each frame rail opening. **TIP: Do not slide crush plates in too far back, the front face should be slightly past the first holes on the frame rail.**



20. With the crush plates set inside the frame rails, locate the front bumper and the two top bumper bolts removed in step 15. Place it back onto the vehicle with the two bolts loosely installed to allow for adjustment.

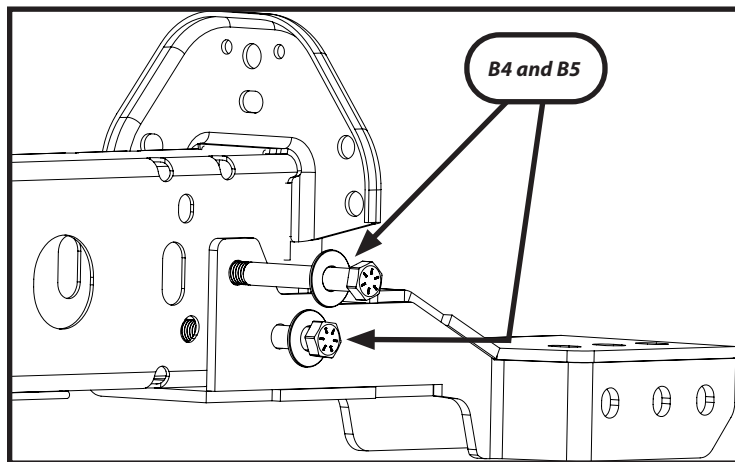


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21. Locate the mounting brackets (A1) and (A2), the ½"-13 x 4.50" long bolts (B4), and four flat washers (B5).
22. Slide each mounting bracket into their respective (LH to Left, RH to Right) tow hook hole through the front of the bumper and around the frame rail.



23. Insert two long bolts (B4), with washers (B5) through the outboard side of the frame and in toward the weld nuts. **NOTE: Ensure the bolts are inside the clevis shaped crush plate.**
24. Fully tighten hardware



25. Once both mounting brackets are fully installed, make final adjustments of bumper (level and centered).
26. Locate all the hardware removed from the front bumper and reinstall in the reverse order it was removed.

NOTE: It is recommended to loosely install the mount carrier and winch at this time, while the front of the vehicle is free of obstructions. Use the hardware provided in the bracket kit for your winch mount carrier, and the hardware in your winch kit for the winch itself. Carefully route all wires and use ensure they will not snag or interfere with the louvers or any other moving object.

27. Reinstall the front louvers and reconnect electrical connectors in the reverse order it was removed.
28. Reinstall the front grill in the reverse order it was removed.
29. Reinstall the front valence in the reverse order it was removed.
30. Reinstall the hardware removed from the fender liners.
31. Reinstall the hardware removed from the top of the grill.
32. Reinstall the hood cowl using the push pins removed.
33. Reinstall the hood latch using the Torx screws removed.
34. If installing the Warn grill guard (***sold separately***), do it at this time following the instructions included with the grill guard kit.
35. Fully install and tighten all hardware on the carrier mount to the mounting brackets.
36. Fully install your winch and accessories following your 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.