



INSTALLATION INSTRUCTIONS

BUMPER KIT

Part Number: 112935

Application: 2019-2026 Dodge Ram HD 2500/3500

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 and/or recalibrated as a result of installing this product.

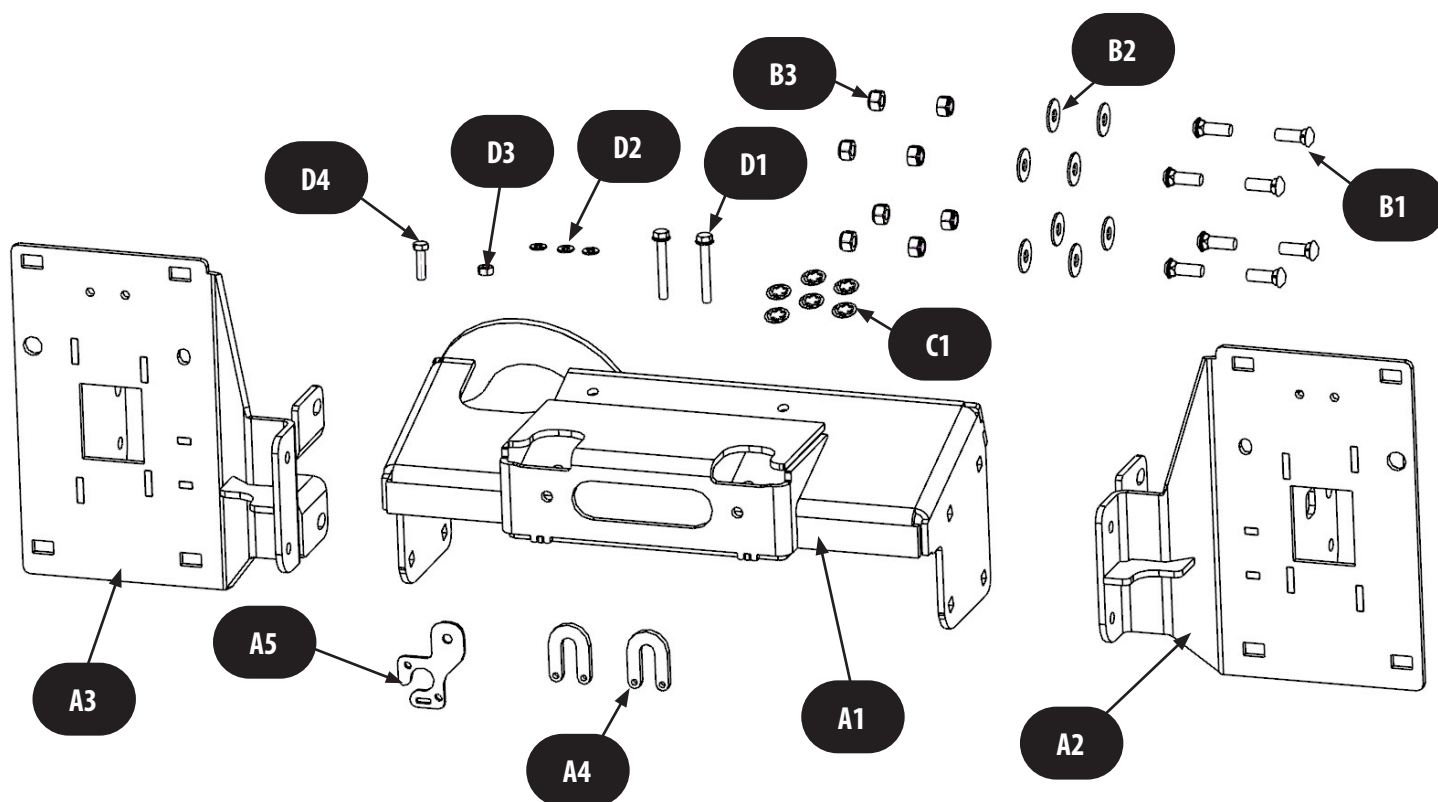
Your Warn winch must be connected to the vehicle's battery. Warn does not recommend attaching to the jump-starting terminal in the fuse box and ground in the engine compartment on hybrid models if your battery is in the rear cargo compartment. Please use the Warn winch wiring extension kit for your vehicle.

TOOLS REQUIRED

- Body Pry Tool
- Phillips head screwdriver
- Flathead screwdriver
- Metric socket and wrench set
- Standard socket and wrench set
- Socket extension
- Cutting tool

PARTS LIST

MAIN COMPONENT				HARDWARE KIT			
ITEM	QTY	DESCRIPTION	PN	ITEM	QTY	DESCRIPTION	PN
A1	1	CENTER WELDMENT	112938	B1	8	7/16 CARRIAGE BOLT	13617
A2	1	DRIVER SIDE WELDMENT	112939	B2	8	7/16 WASHER	7676
A3	1	PASSENGER SIDE WELDMENT	112941	B3	8	7/16 LOCK NUT	710123
A4	2	INTERCOOLER SPACER	112954	C1	6	BOLT RETAINER	101259
A5	1	REMOTE PLUG BRACKET	112570	D1	2	M8-1.25 X 60MM BOLT	92029
				D2	3	M8 WASHER	82156
				D3	1	M8-1.25 NUT	36886
				D4	1	M8-1.25 X 30MM BOLT	81857



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

NOTICE *This application requires extensive cutting on the vehicle. Professional installation is highly recommended.*

1. Disconnect the battery
2. From inside the driver's side front corner of the bumper, unplug and unclip the bumper connector. NOTE: The connector must be unplugged and unclipped from the bumper to completely release from the bumper.



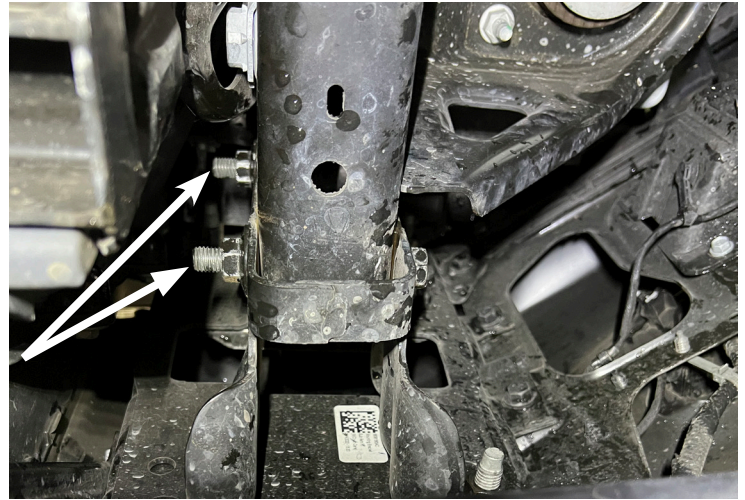
3. Using a 10mm socket, remove the fastener from inside the wheel well (each side). Save hardware for reinstall later.



4. Using a 24mm socket, remove the two gray tow hook bolts (each side). Save the hardware for reuse.



5. With assistance holding the bumper, remove the two bolts holding the frame horns/bumper to the frame (each side) and remove the bumper completely.



6. Remove the three plastic retainers from the bottom of the air dam.

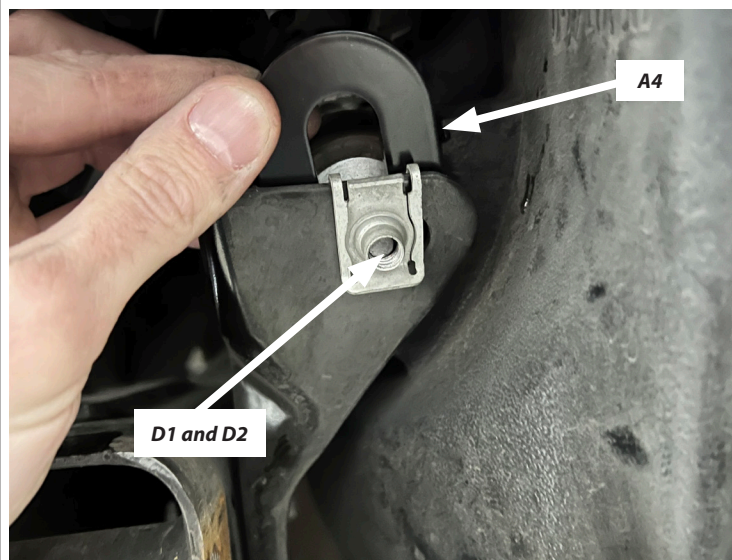


7. Using a 10 mm socket, remove the two bolts securing the air dam to the intercooler (each side). Save the hardware for reuse.

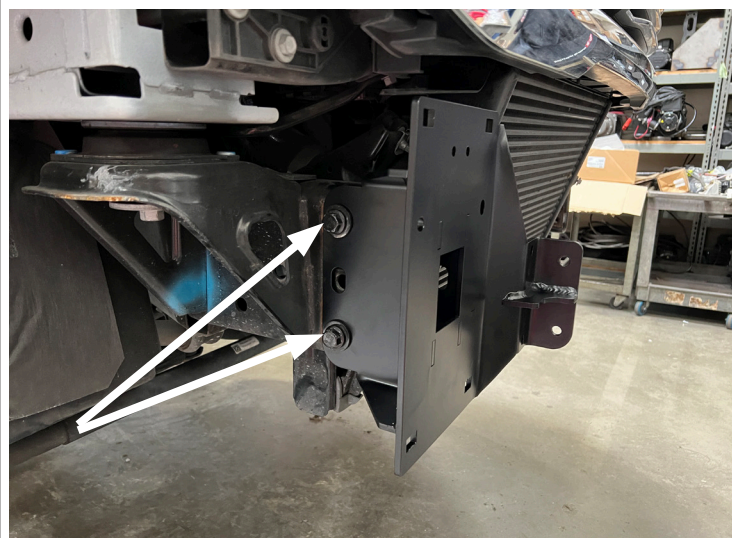


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8. Remove the two upper intercooler bolts. *Bolts will not be reused.*
9. Tilt the intercooler back slightly.
10. Insert intercooler spacer (A4) between the rubber mount and body (each side).
11. Secure with M8x60 bolt (D1) with M8 washer (D2) provided (each side).

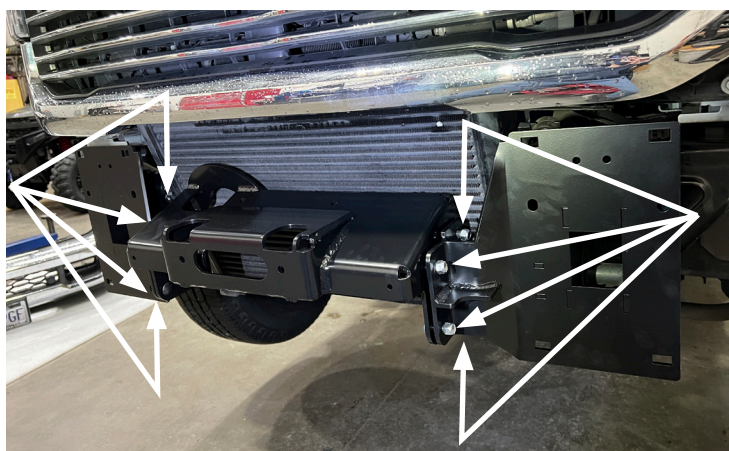


12. Install the passenger side frame horn (A3) provided, using the stock hardware. *Leave finger tight for now.*
13. Repeat for the driver side (A2).

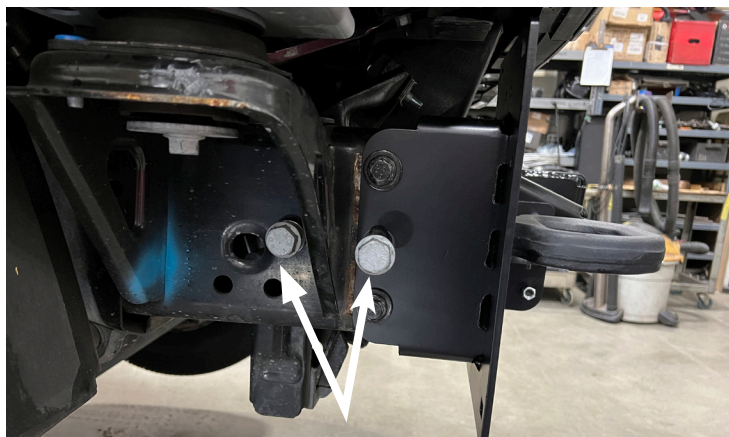


14. Position the center carrier (A1) between the two frame horns and hold it in place.
15. Insert four carriage bolts (B1) through the carrier and into the frame horn so that the bolt heads sit inside the center carrier and the threaded ends point outward.
16. On the outside of the frame horns, place a washer (B2) onto each bolt, followed by a nut (B3).

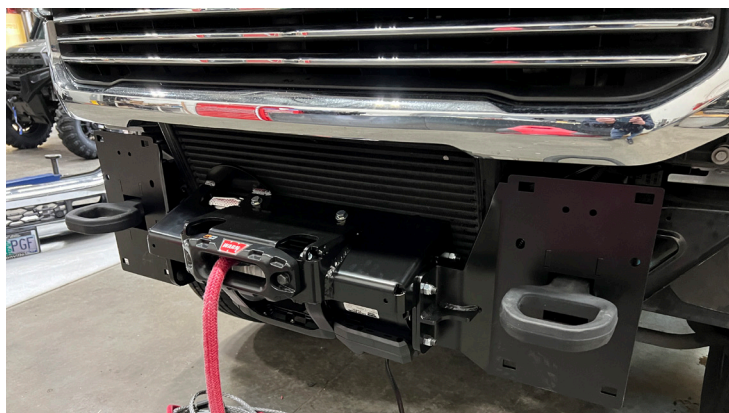
17. Repeat for other side.
18. Hand-tighten all hardware at this time to allow for adjustment.



19. Reinstall tow hooks using the stock hardware. *Do not fully tighten.*

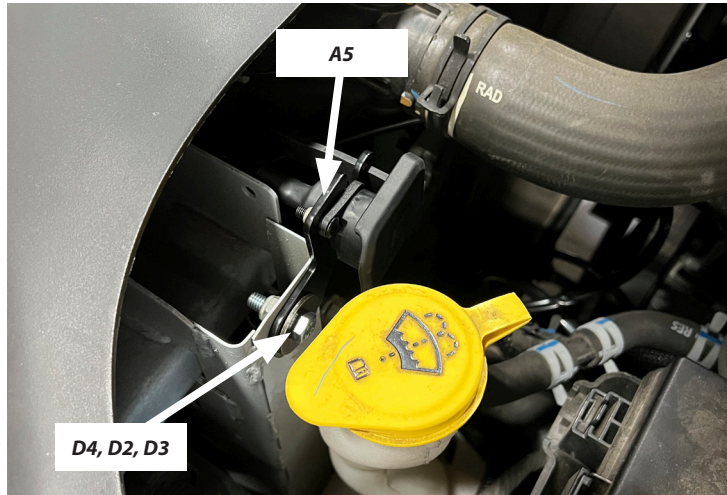


20. Tighten all hardware to the recommended torque at this time. Start with the center carrier to the frame horns, and then the horns to the frame and lastly, the tow hooks.
21. Install your winch to center carrier per winch instructions. **NOTE: The winch is installed upside down with this mount.**
22. Install fairlead per winch installation instruction.

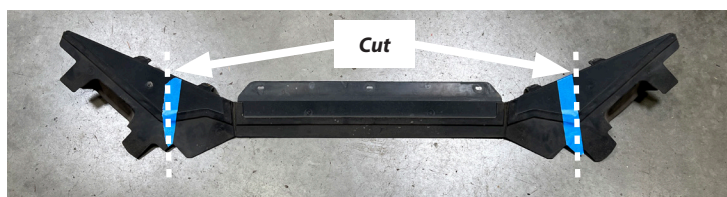


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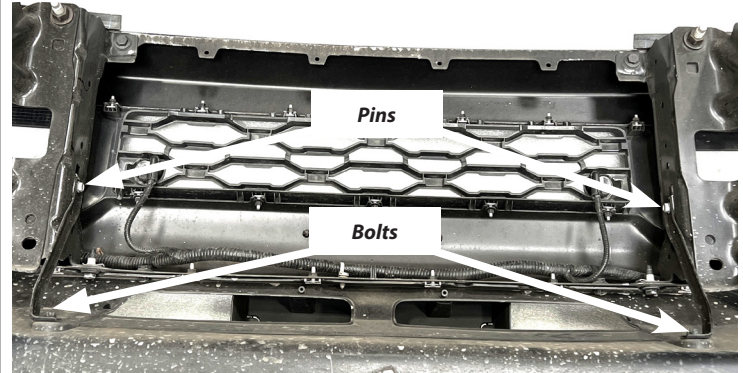
23. Install the winch remote plug and dust cover (supplied in winch kit) to the remote plug bracket (A5) with hardware supplied with your winch kit.
24. Install bracket under hood, using the open hole by the windshield washer reservoir neck. Use the M8x30 bolt (D4) with washer (D2) and nut (D3) to secure.



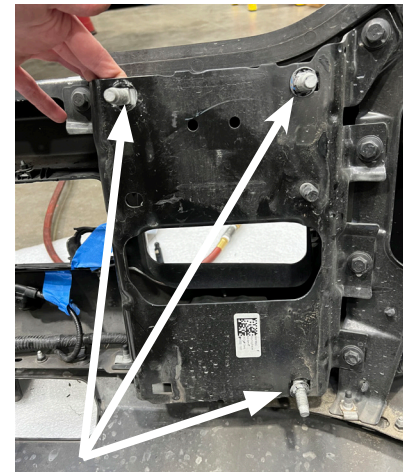
25. Complete your winch wiring to the vehicle battery, per winch instructions.
26. Install your winch hook and strap to the winch rope (per winch installation instructions). **TIP: To make the bumper install easier, we recommend winding the winch rope in now.**
27. Locate the air dam removed earlier.
28. From the outer sections on each side of the air dam (the wings), identify the lowest "V" shape in the contour, this is your starting reference point.
29. From the bottom point of the "V", mark a cutting line with tape that angles upward toward the outer edge of each "wing". End the lines about 1 inch above the lower bolt hole on each side.
30. Using a cutting tool, carefully cut along the taped lines to remove the two upper wing sections.



28. Reinstall the trimmed air dam by installing one lower bolt (removed in step 7) on each side, and the three plastic push pins along the bottom (removed in step 6).
29. Remove the two brackets from the OE bumper (one 10mm bolt and one plastic push pin per bracket).

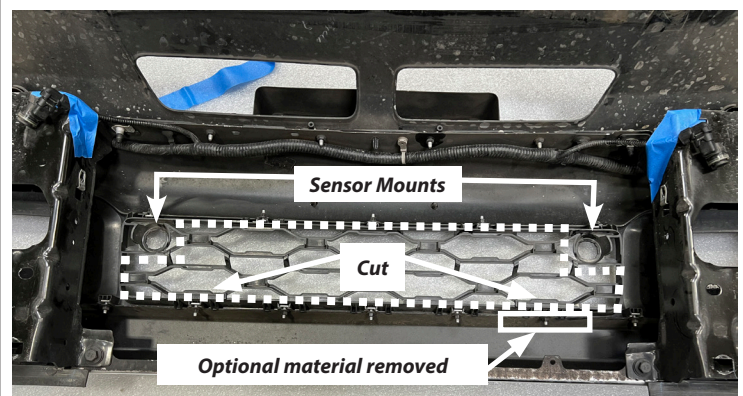


30. Remove frame horns from the OE bumper, three nuts per horn.



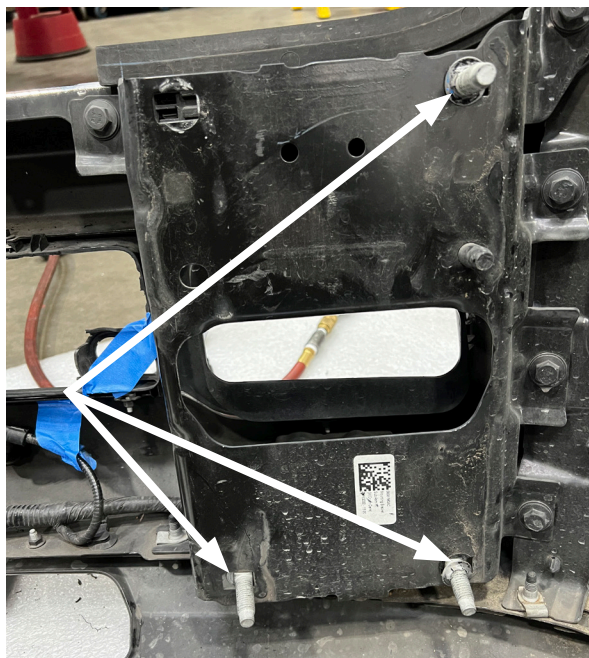
31. Trim plastic grill from the bumper. **Be careful not to remove the parking sensor mounts.** **TIP: You may want to temporarily remove the parking sensors just be sure all wiring is safely away from cut lines.**

Additionally, more material can be removed from the blocked area as desired for increased hand clearance on the clutch.



INSTALLATION INSTRUCTIONS

32. Replace any missing/broken bolt retainers in the bumper mounting brackets with new retainers (C1).
33. Reinstall and rearrange the bumper bolts in the as shown (one bolt in top outer corner, two on bottom).



34. Reinstall bumper using the stock hardware.
35. Verify all hardware is tightened.
36. Reinstall battery connections.



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.

