



# INSTALLATION INSTRUCTIONS

## WINCH MOUNT KIT

Part Number: 108760

Application: 2021 Can-Am Commander

### 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** 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.
- **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** wear safety glasses when installing this kit. A drilling operation will cause flying metal chips. Flying chips can cause eye injury.
- **Always** use extreme caution when cutting and trimming during fitting.
- **Always** remove jewelry and wear eye protection.
- **Never** lean over battery while making connections.
- **Never** route electrical cables:
  - o Across any sharp edges.
  - o Through or near moving parts.
  - o Near parts that become hot.
- **Always** insulate and protect all exposed wiring and electrical terminals.
- **Always** install terminal boots as directed in installation instructions.
- **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 instructions.
- **Always** perform regular inspections and maintenance on the plow mechanism, fasteners, cable and related hardware.
- **Always** replace all worn or damaged parts before operating.
- **Never** operate this WARN product with damaged or missing parts.

**Read installation and operating instructions thoroughly.**

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## **⚠ CAUTION**

### **MOVING PARTS ENTANGLEMENT HAZARD**

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

- **Always** take time to fully read and understand the installation and Operations Guide included with this product.
- **Never** operate this product if you are under 16 years of age.
- **Never** operate this product when under the influence of drugs, alcohol or medications.

**Read installation and operating instructions thoroughly.**

## **NOTICE**

### **EQUIPMENT DAMAGE**

- **Always** refer to the Installation and Specification Guide, supplied in the winch kit, for all wiring schematics and specific details on how to wire this WARN product to your vehicle.

**Read installation and operating instructions thoroughly.**

## **BEFORE YOU BEGIN**

- **The vehicle's factory winch mount only will fit the WARN® VRX 4500 lb. winch.**
- **The winch mount in this kit allows you to mount the AXON 4500 lb., 5500 lb. and the VRX 4500 lb. winch.**
- **The winch mount in this kit is compatible with the WARN® Commander plow mount.**

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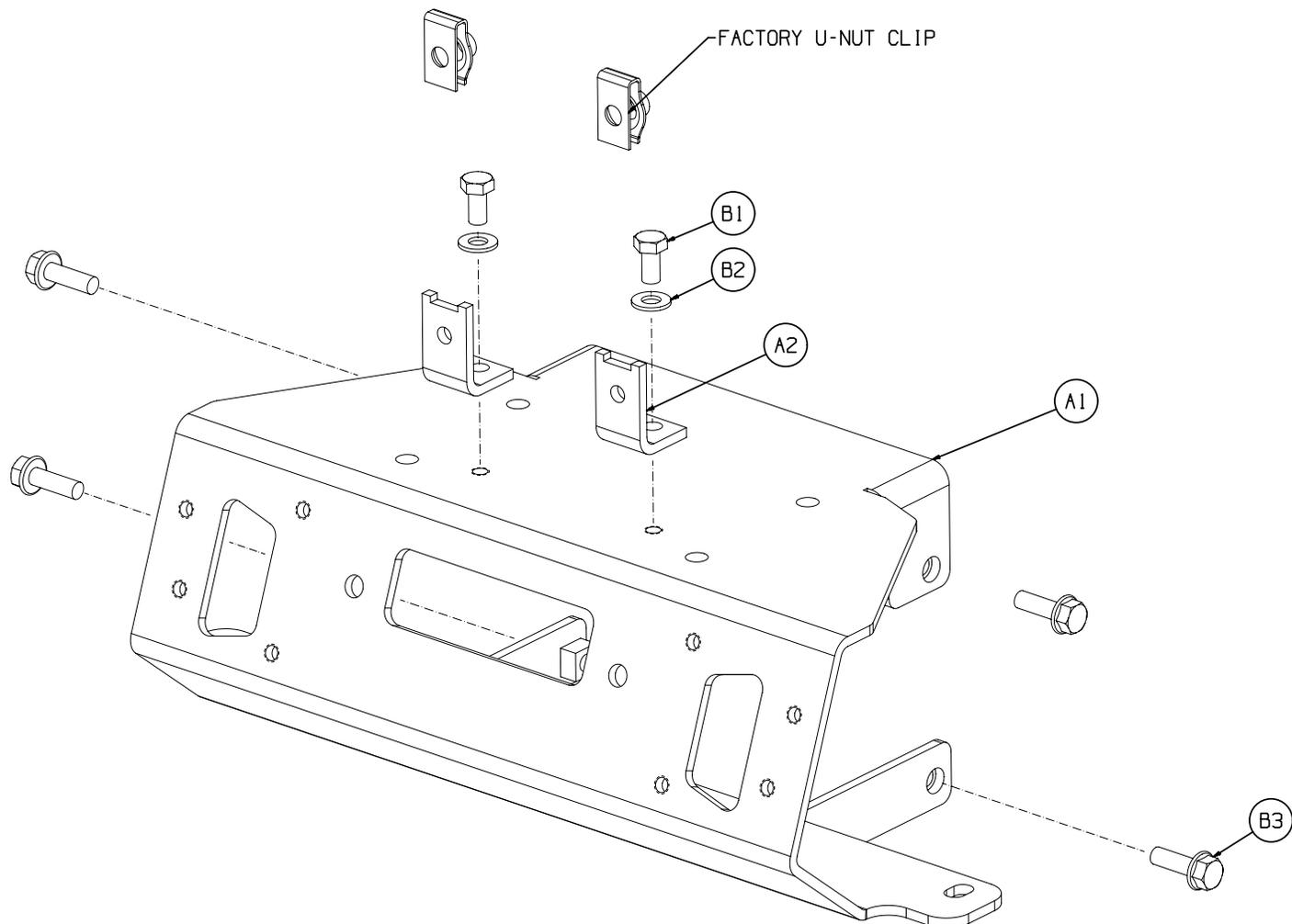
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## **TOOLS REQUIRED**

- Standard and Metric wrenches
- Standard and Metric sockets
- Torx screwdriver and bits

## PARTS LIST

| ITEM | PN     | DESCRIPTION      | QTY | ITEM | PN    | DESCRIPTION         | QTY |
|------|--------|------------------|-----|------|-------|---------------------|-----|
| A1   | 108762 | WINCH MOUNT      | 1   | B1   | 28325 | M8-16MM HEX HD BOLT | 2   |
| A2   | 108329 | BRACKET TOP TABS | 2   | B2   | 1324  | FLAT WASHER         | 2   |
|      |        |                  |     | B3   | 65970 | M8-25MM HEX HD BOLT | 4   |



## 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. Remove the two torx head screws from the front plastic shroud.
2. Remove the six torx head screws that hold the lower bumper tubes to the front of the vehicle.

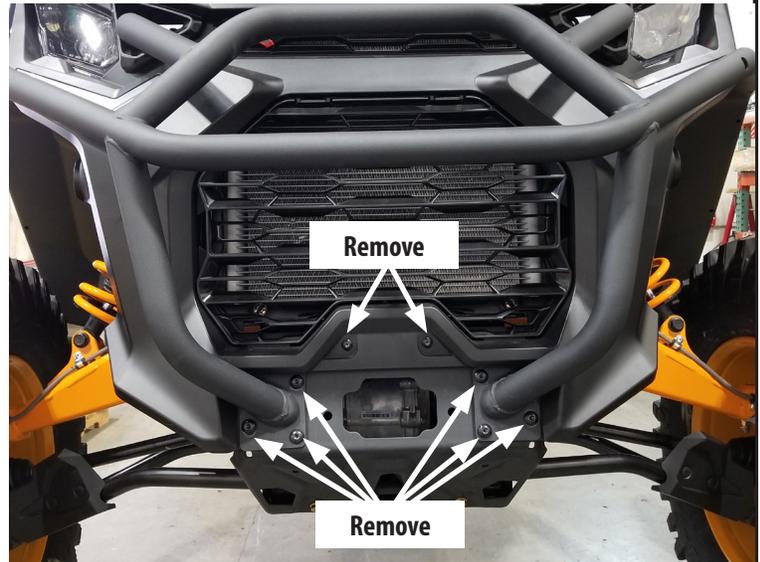


Figure 1

3. From under each front fender, remove the upper bumper tube mounting bolt.
4. Remove bumper and set aside.

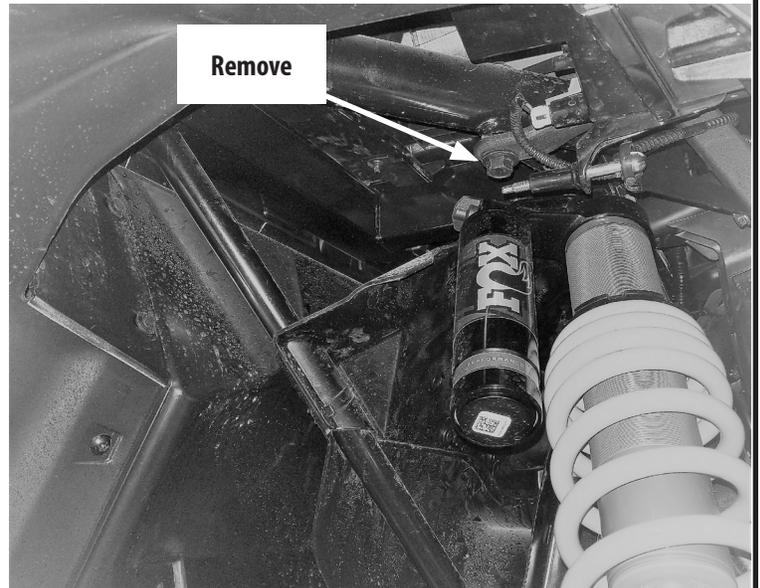


Figure 2

5. From inside the vertical frame upright, just above the front swing arm, remove the M8 bolt (each side).

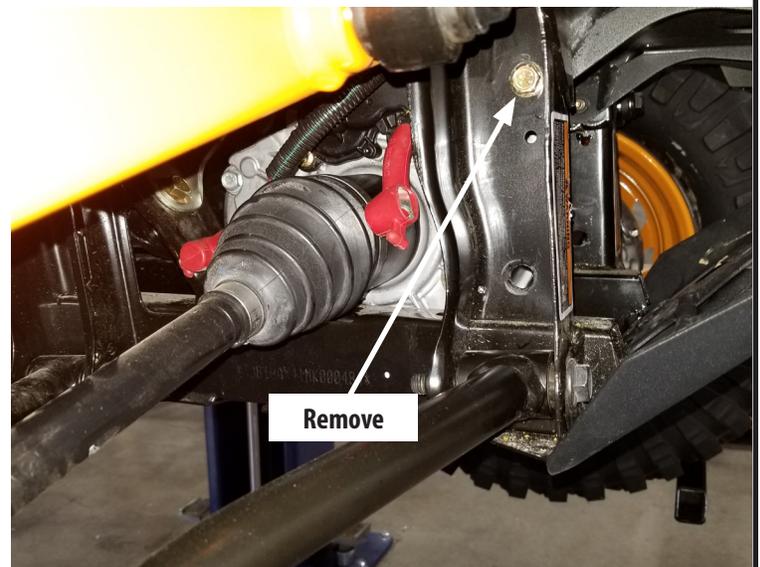


Figure 3

## INSTALLATION INSTRUCTIONS

6. Remove the remaining two torx head screws from the front of the vehicle.
7. Remove the two lower M8 bolts from skid plate and remove plate completely. **NOTE: While holding the front plastic, carefully pry skid plate away from the front plastic, releasing from the two clips securing the pieces together.**

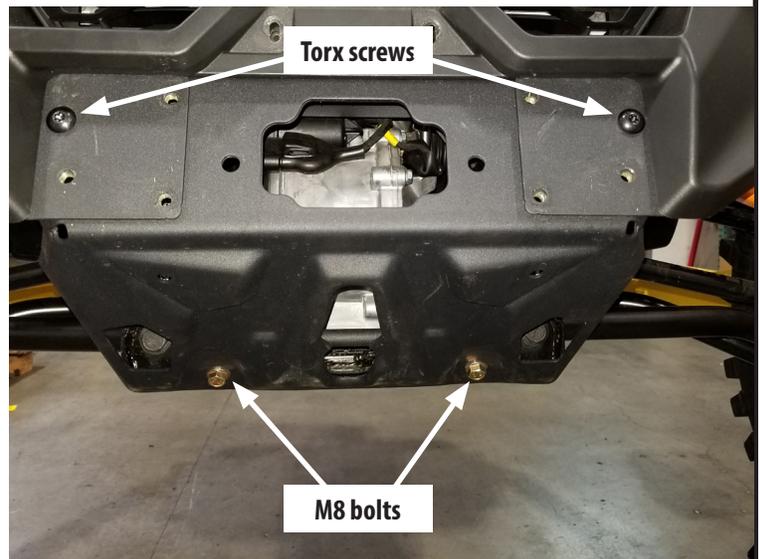


Figure 4

8. Once skid plate is removed, remove the two u-nut clips from the tabs on the skid plate and save.

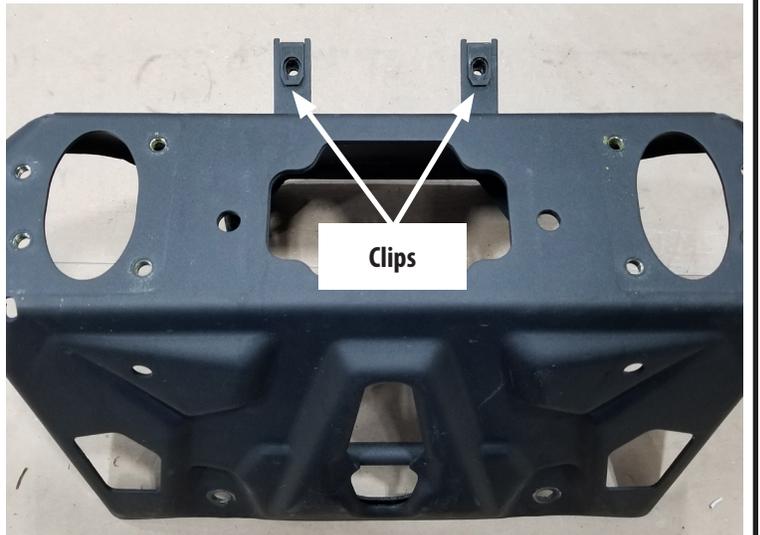


Figure 5

9. Re-install the two u-nut clips to the two included bracket top tabs (A2).

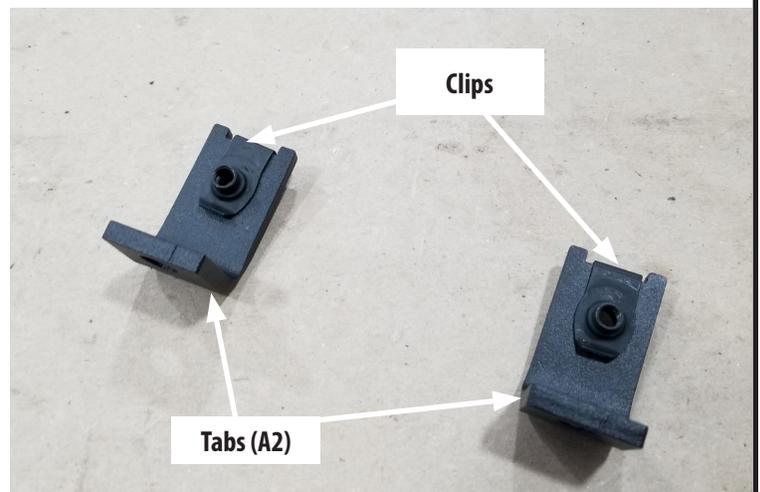


Figure 6

## INSTALLATION INSTRUCTIONS

10. Install tabs to winch mount (A1) using the short M8 bolts (B1) and flat washers (B2) making sure tabs are aligned and then tighten.



Figure 7

11. Install fairlead to the front of the winch mount, using fairlead hardware found in your winch kit. **NOTE: If you plan on installing a plow mount, we recommend installing the plow roller now, following instructions in your plow mount.**



Figure 8

12. Position winch on winch mount. **NOTE: This is a feet up installation, please take note of the motor orientation.**
13. Thread the winch rope through the fairlead opening.
14. Secure winch to mount using the four M8 X 25mm long bolts and four lock washers supplied in your winch kit. **NOTE: This is a feet up installation so please note the orientation of the motor to the mount.**

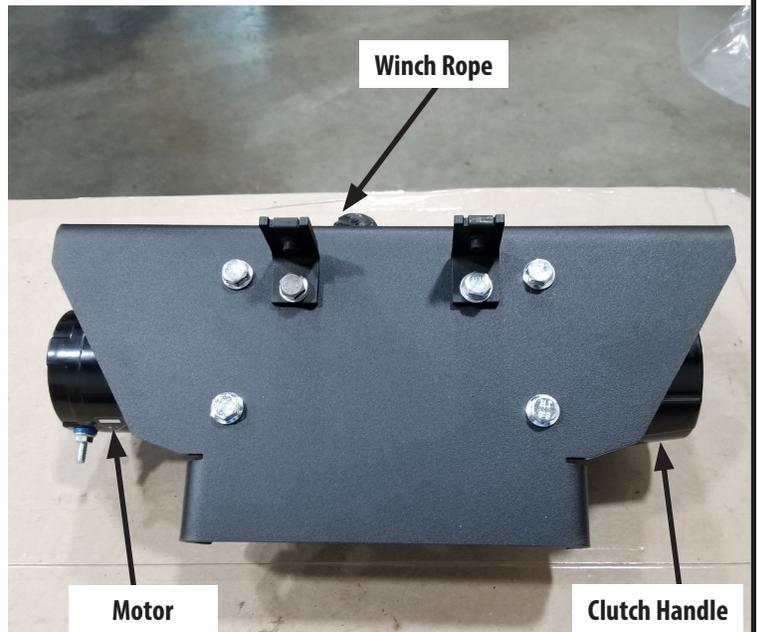


Figure 9

## INSTALLATION INSTRUCTIONS

**Tech Tip:** Drill out the upper outer corner holes (where you removed the last two torx screws) to a slightly larger size for ease of installation later on.

**⚠ WARNING** Always verify area is clear of fuel lines, fuel tank, brake lines, electrical wires, etc., when drilling.

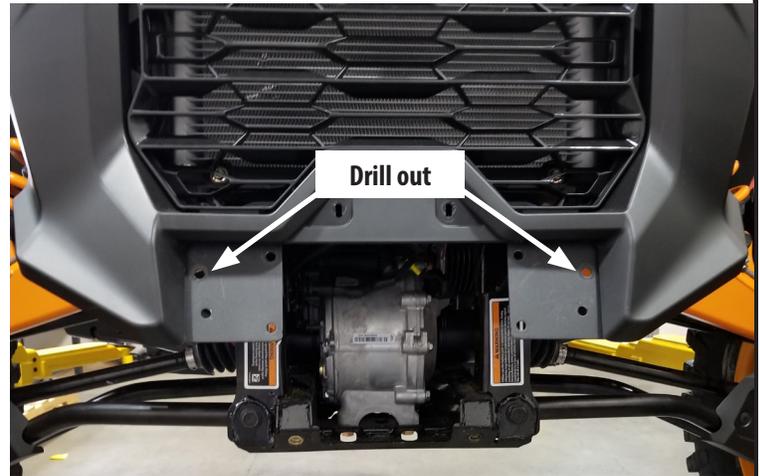


Figure 10

15. With assistance, lift the winch mount assembly in to the position of where the skid plate was mounted.
16. While holding the mount in place, install one of the previously removed Torx head screws back into the threaded nut clip/tab of the mount to temporarily hold in place.



Figure 11

17. Thread one M8 X 25mm long bolt (B3) through the vertical frame upright (where you removed the bumper bolt in step 5) and into the weld nut on mount. Do not tighten completely to allow for adjustment.
18. Repeat for other side. Refer to exploded view on page 3.

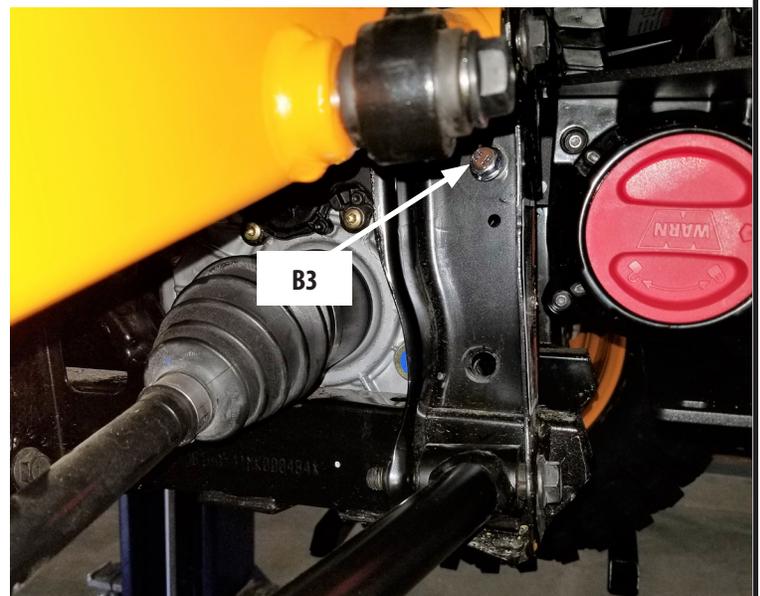


Figure 12

## INSTALLATION INSTRUCTIONS

19. Install one M8 X 25mm bolt (B3) through the lower hole of the vertical frame upright and into the threaded weldnut of the mount. *Do not tighten completely to allow for adjustment.*
20. Repeat for other side. Refer to exploded view on page 3.

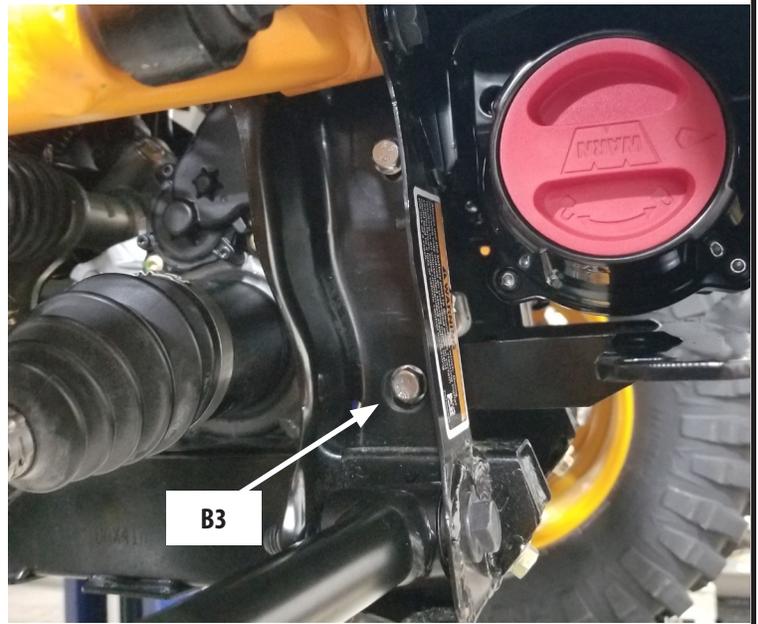


Figure 13

21. Level mount and install the last upper torx head screw and the two outer corner torx head screws. **TIP: Use a round punch or Phillips screwdriver to help align the holes by placing the tool in an adjacent hole and moving the tool side to side. Be careful not to damage the threads of the hole you are using.**

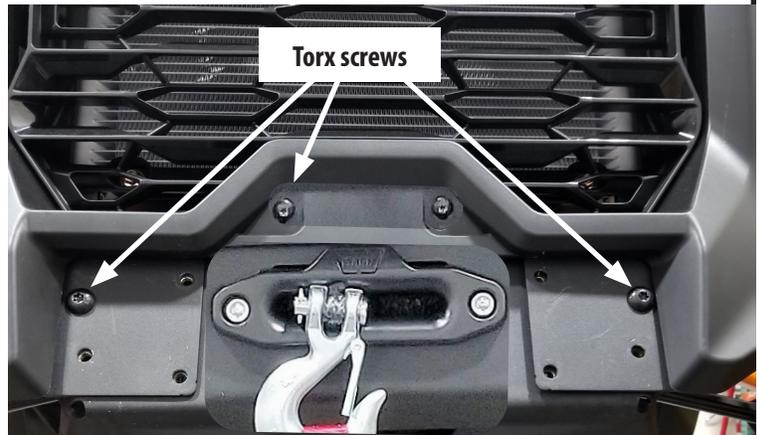


Figure 14

22. Reinstall the bumper using factory hardware removed in step 3.
23. Install remaining torx head screws. **TIP: Use a round punch or Phillips screwdriver to help align the holes by placing the tool in an adjacent hole and moving the tool side to side. Be careful not to damage the threads of the hole you are using.**
24. Beginning at the front of the vehicle, torx screws, bumper hardware, and finally all hardware securing winch mount to frame. Refer to torque specifications on page 3.

**NOTE: For synthetic winch rope applications, slide the abrasion sleeve on before installing hook.**

25. Install hook/hook strap combo to rope using clevis and cotter pin.
26. Connect winch wiring following instructions supplied with your winch.

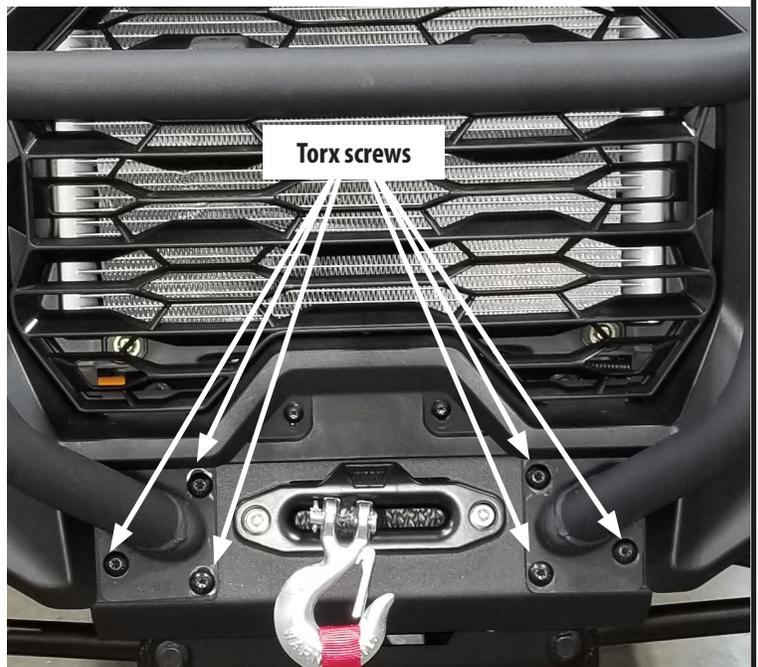


Figure 15



## 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.