



# INSTALLATION INSTRUCTIONS FRONT WINCH MOUNTING KIT

Part Number: 89535

Application: 2012 Can Am Renegade 800R

## 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 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:
  - Across any sharp edges.
  - Through or near moving parts.
  - 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 and operation.
- Always perform regular inspections and maintenance on the winch, winch mount and related hardware.
- Never ever operate this WARN product with damaged or missing parts.

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

## ⚠ 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.

## NOTES

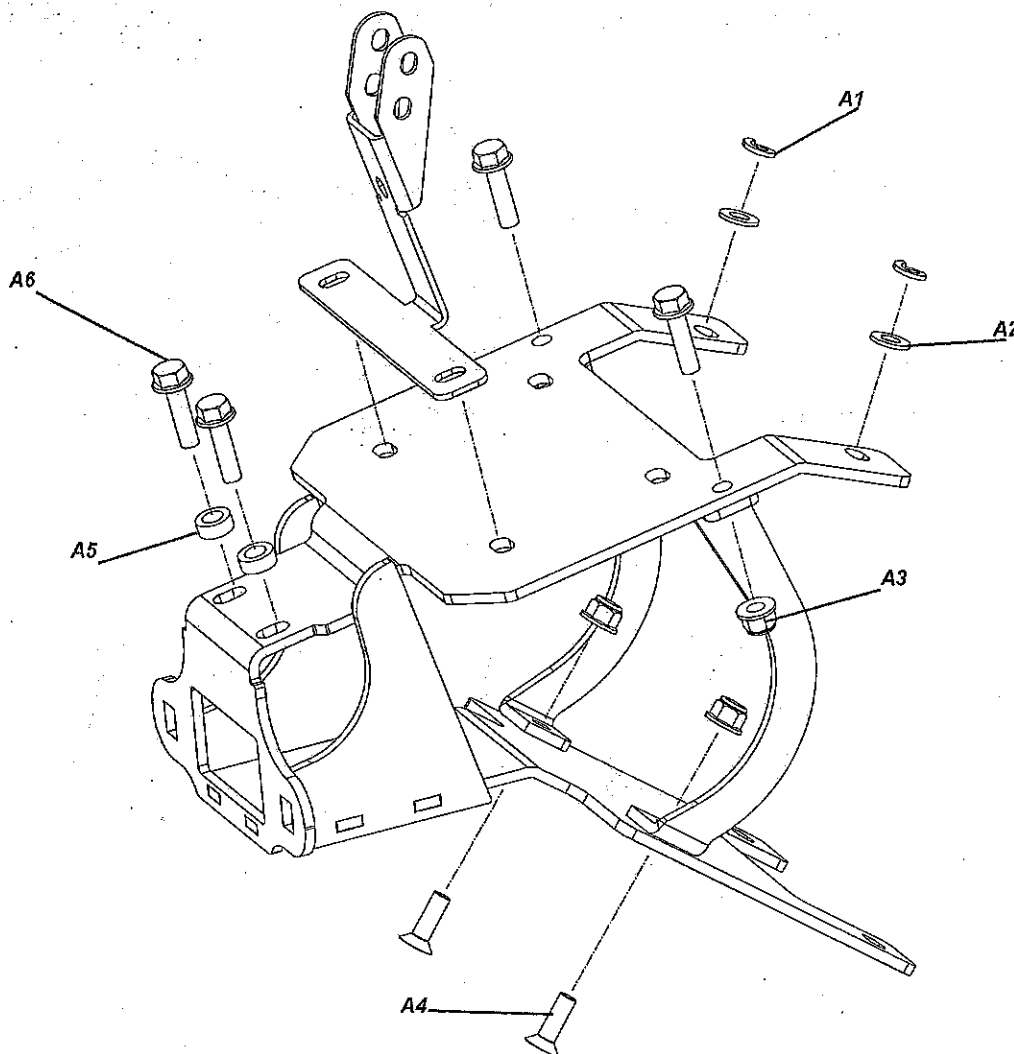
## BEFORE YOU BEGIN

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## PARTS LIST

| Ref. | Qty | Part Number                           |
|------|-----|---------------------------------------|
| A1   | 2   | M8 Lock Washer                        |
| A2   | 2   | 5/16 Washer                           |
| A3   | 4   | M8-1.25 Flange Hex Nut                |
| A4   | 2   | M8-1.25 x 25mm Flat Hex Head Capscrew |
| A5   | 2   | Spacer                                |
| A6   | 4   | M8X1.25X30 Flange Hex Head Capscrew   |



## TOOLS REQUIRED

- 13mm, 10mm, 17mm socket Wrench
- 13mm, 10mm, 17mm Standard Wrench
- Torx Set
- Short extensions for all socket wrenches

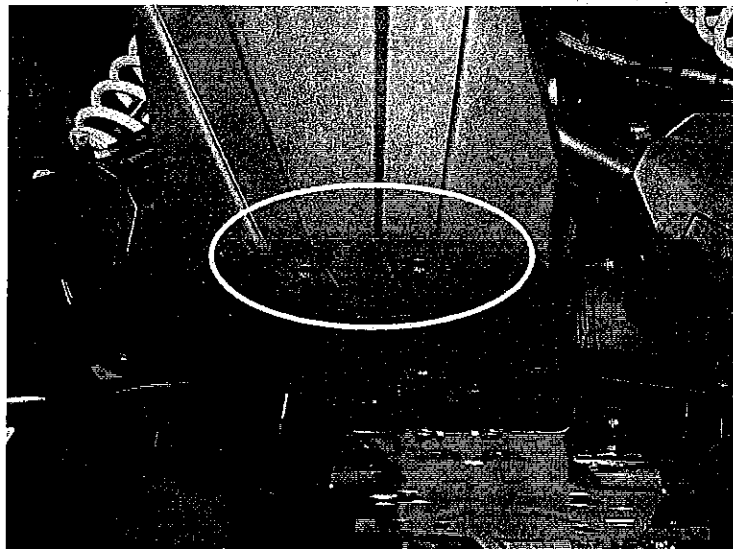
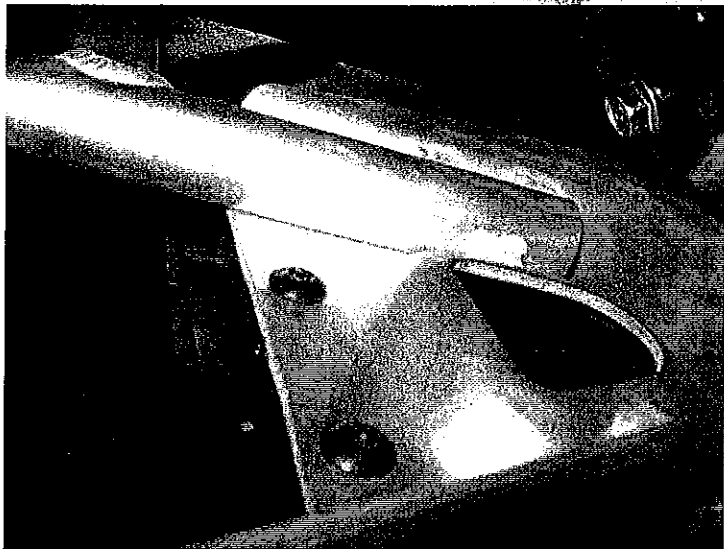
## TORQUE SPECIFICATIONS

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

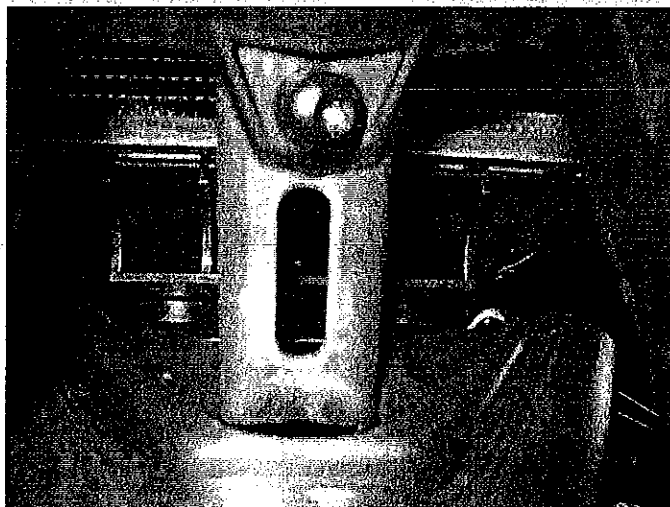
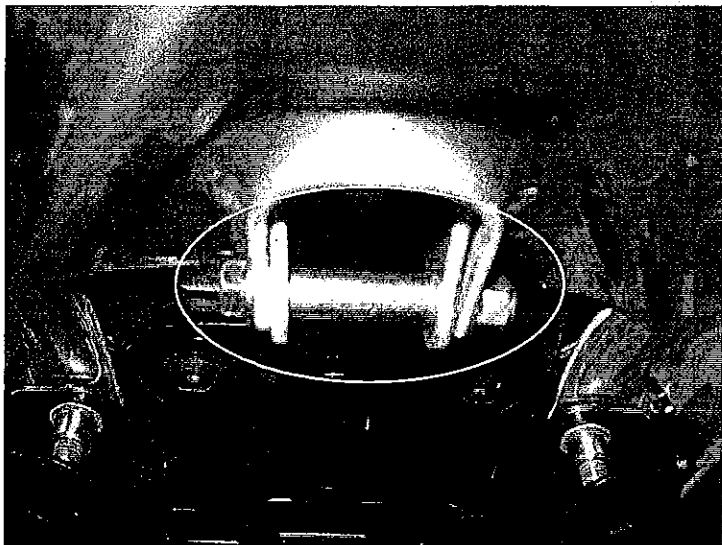
|      |      |                        |
|------|------|------------------------|
| 1/4  | 6mm  | 8 lb. ft. (10.8 N-m)   |
| 5/16 | 8mm  | 17 lb. ft. (23.0 N-m)  |
| 3/8  | 10mm | 30 lb. ft. (40.7 N-m)  |
| 7/16 | 11mm | 50 lb. ft. (67.8 N-m)  |
| 1/2  | 13mm | 75 lb. ft. (101.7 N-m) |

# INSTALLATION INSTRUCTIONS

1. Remove the plastic skid plate by removing the outside bottom and inside top bolts.

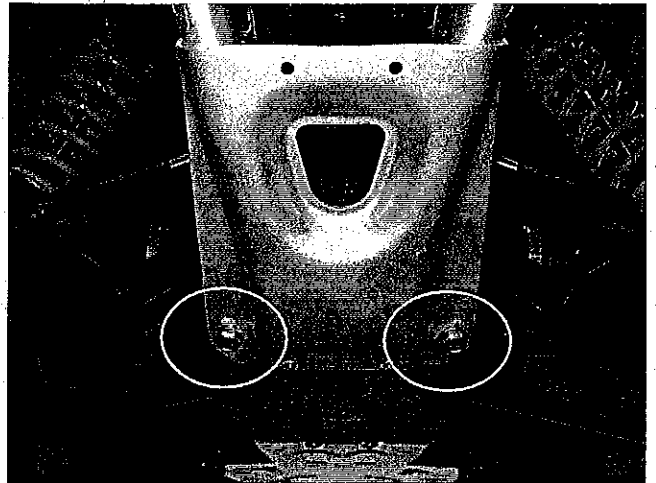
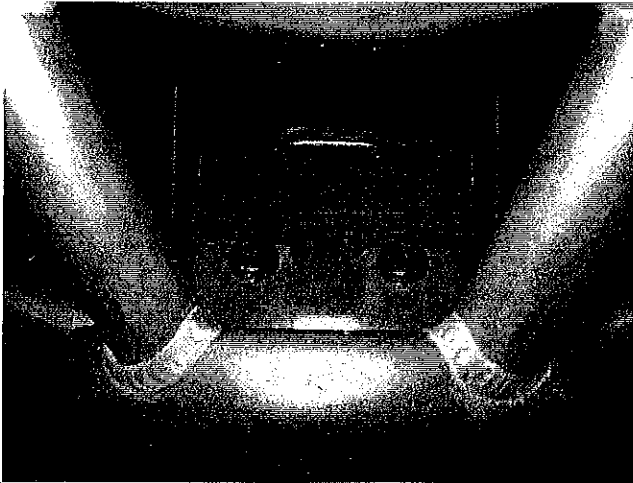


2. Uninstall the upper bracket by removing the three long bolts and short bolt shown.

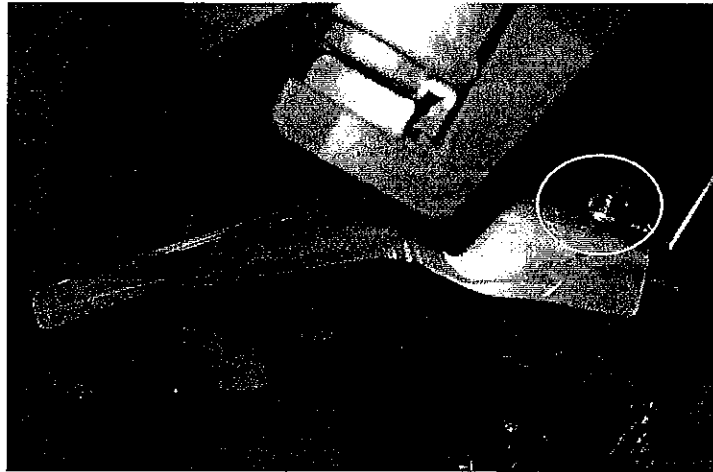


## INSTALLATION INSTRUCTIONS

3. Uninstall the aluminum bumper by removing the two lower mount bolts and the front two bolts.



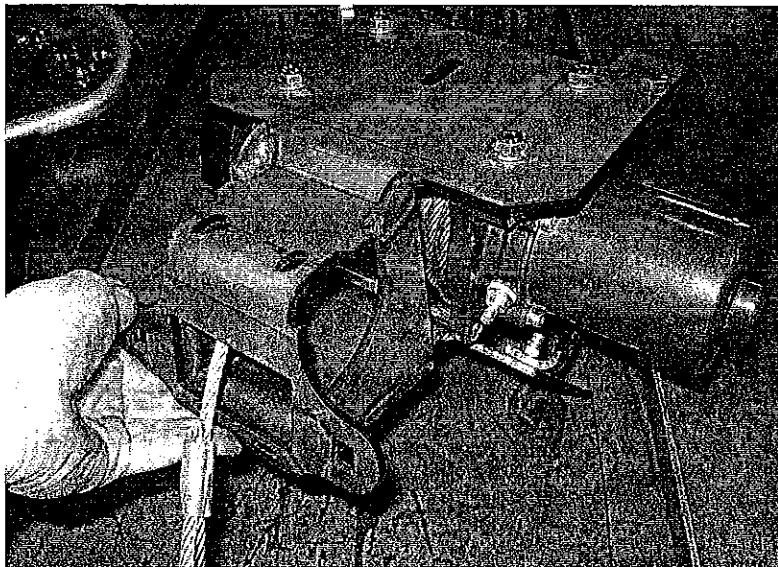
4. Remove the top two bolts to uninstall the top bumper bracket.



5. Mount the winch by installing the back two M8 bolts, found in winch kit.

*Note 1: The front two bolts should be put in position loosely.*

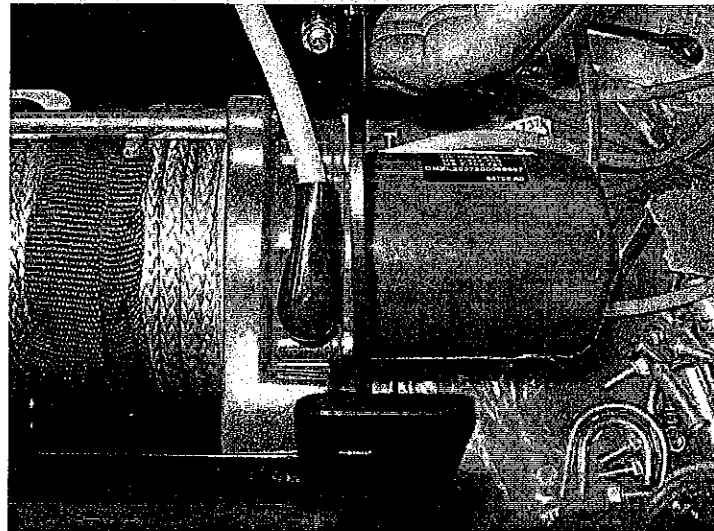
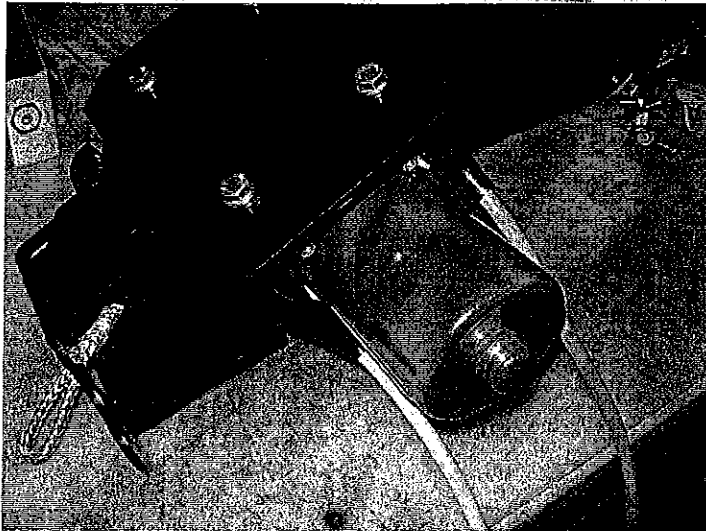
*Note 2: Be sure to pull the wire/synthetic rope through the front window at this time.*



## INSTALLATION INSTRUCTIONS

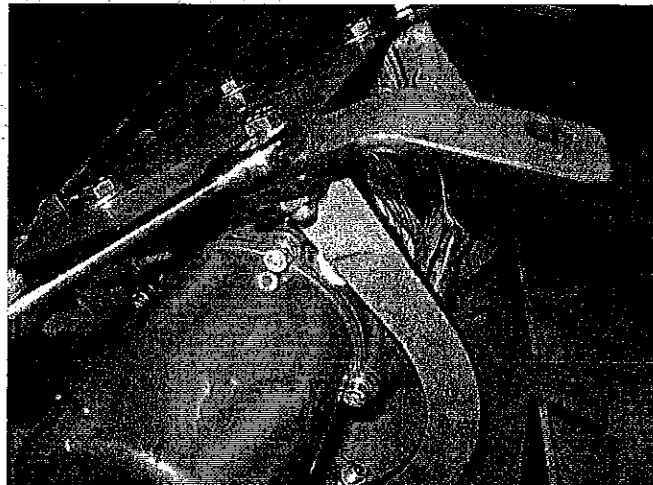
6. Install the blue and yellow contactor wires as shown.

*Note: The blue wire should be positioned next to the right gusset as shown below*

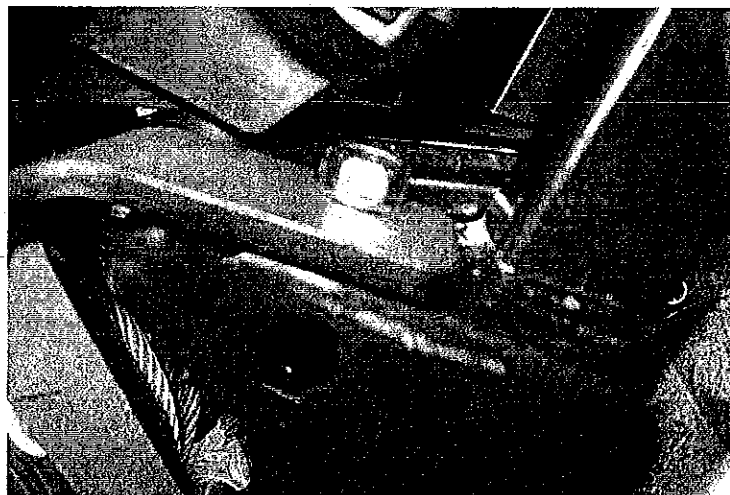
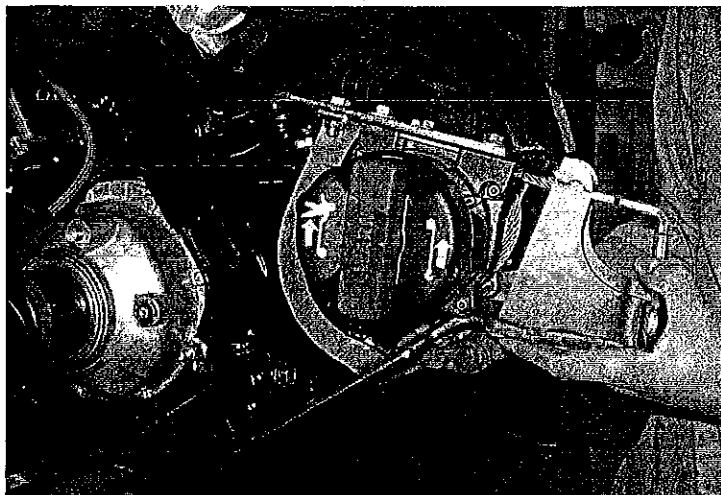


7. Install the rear gussets loosely using two M8 bolts (A6) with two locking nuts (A3) on top and two countersunk bolts (A4) with two locking nuts (A3) on the bottom. Tighten down all four bolts only after they are all in place.

**NOTE:** For each gusset, the end with a sharp corner should be on the bottom and pointing in. The end with both corners rounded should be on top and pointing out.

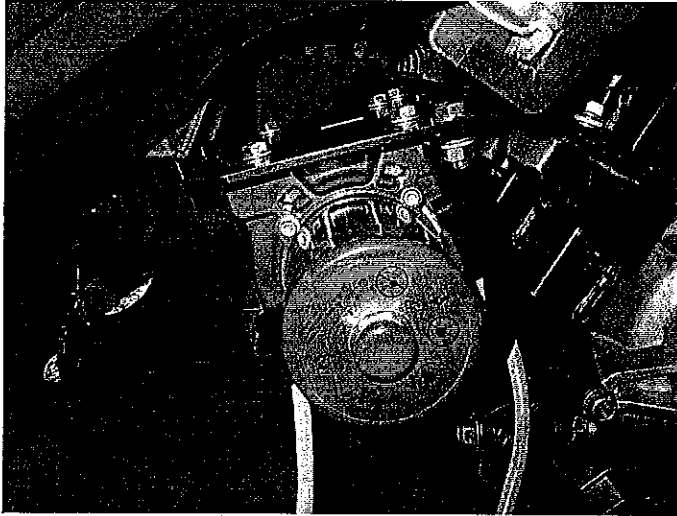


8. Install the front winch mount on the vehicle using only the washer (A2), lock washers (A1) and the manufacturer's top mounting bolts. Note: Install loosely.

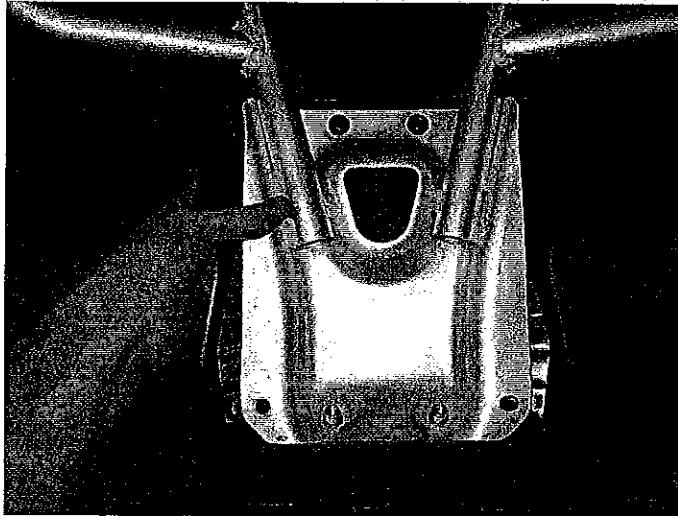


## INSTALLATION INSTRUCTIONS

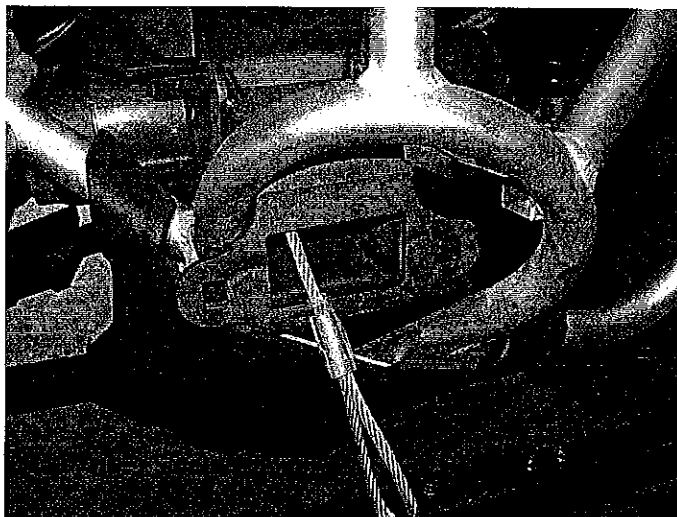
9. At this point, the mount should appear as it is shown below.



10. Re-attach the plastic skid plate to aluminum bumper using only the two bolts closest to the front of the bumper, allowing the bottom of the skid plate to remain loose.

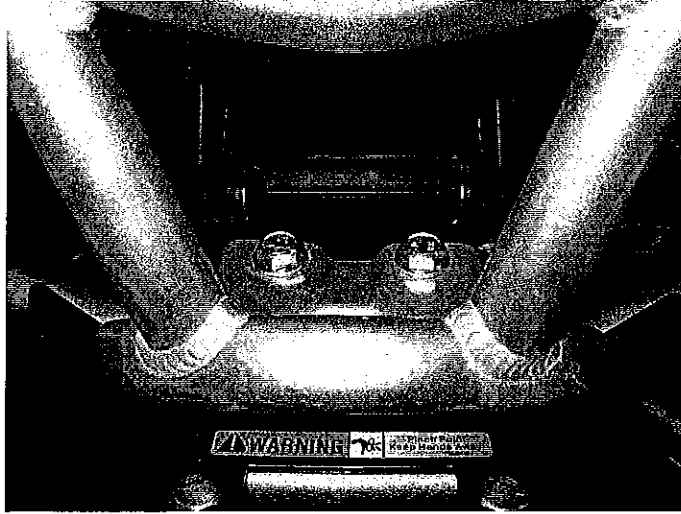


11. Slide the bumper over the front fairlead tabs.

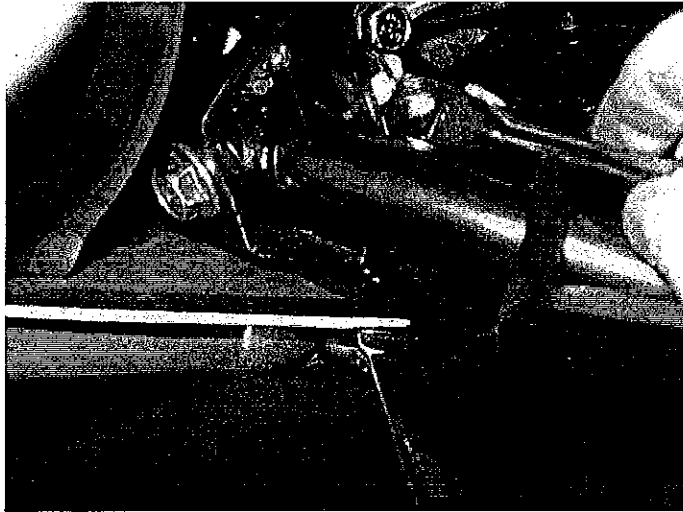


## INSTALLATION INSTRUCTIONS

12. Attach the bumper loosely by installing the provided M8 long bolts (A6) and spacers (A5) with the nuts used by the manufacturer.

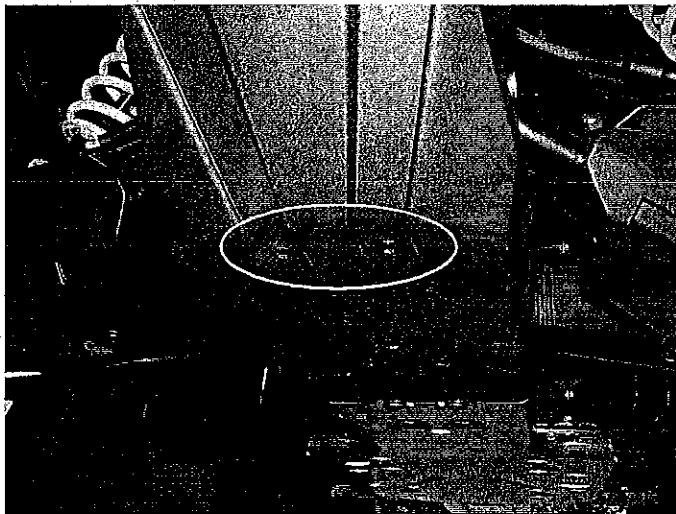


13. Install the bottom manufacturer's mounting bolts with nuts loosely.



14. Tighten down the top two mounting bolts, the bottom two mounting bolts and the front two bumper bolts (A6).

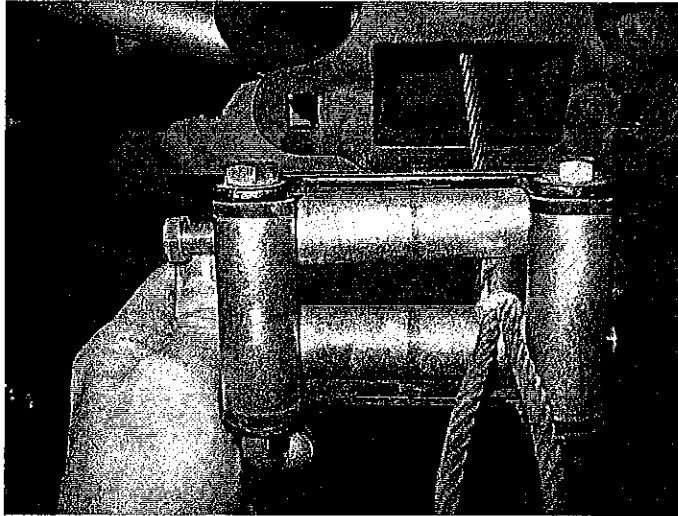
15. Install the bottom skid plate bolts to finish mounting the plastic skid plate.



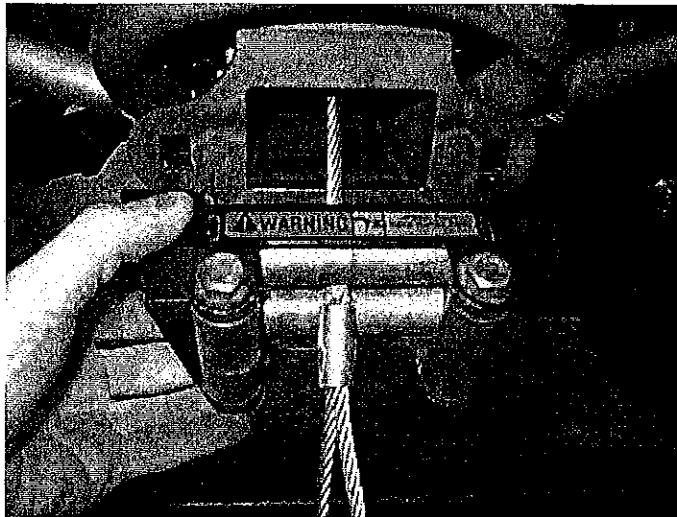


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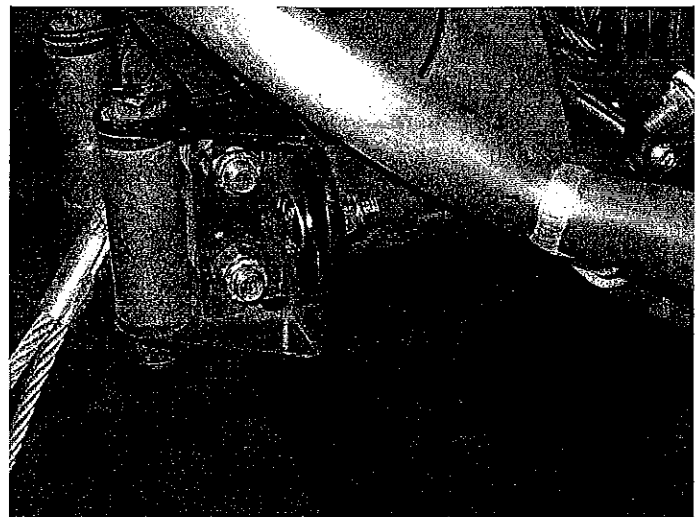
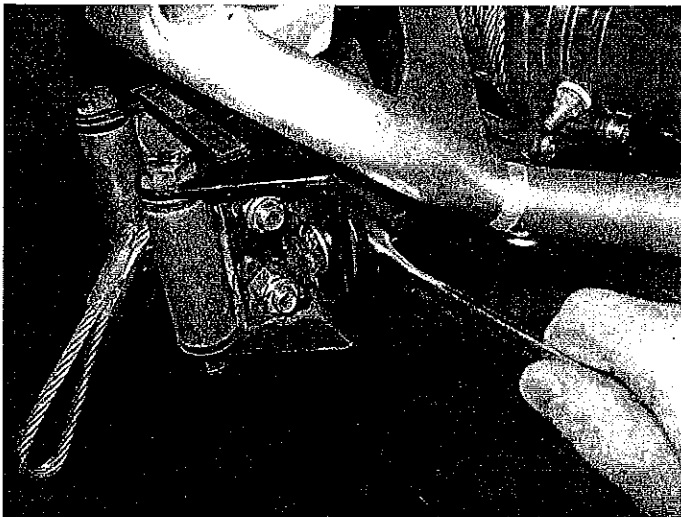
16. Loosen the top roller of the fairlead to allow the wire/synthetic rope through.



17. Tighten the top roller down after the loop is through.

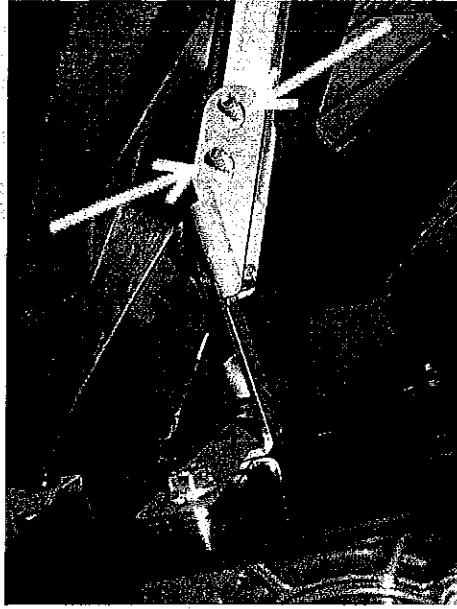


18. Mount the fairlead to the front tabs using the fairlead hardware given.

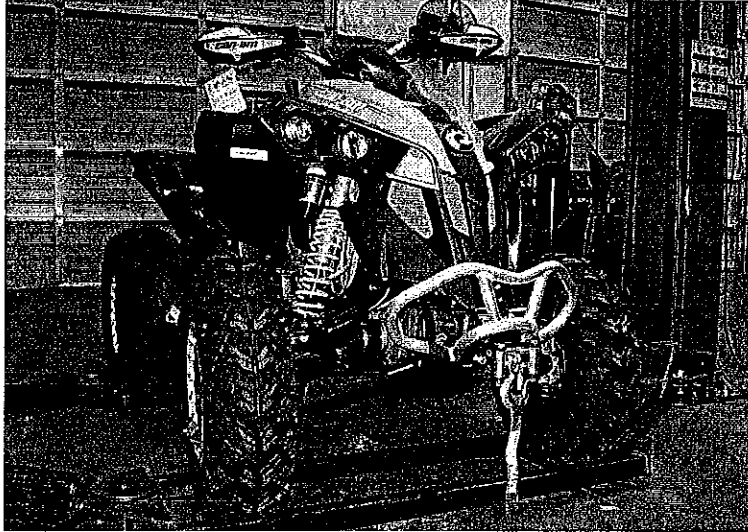


## INSTALLATION INSTRUCTIONS

19. Mount the upper bracket using the manufacturer's hardware.

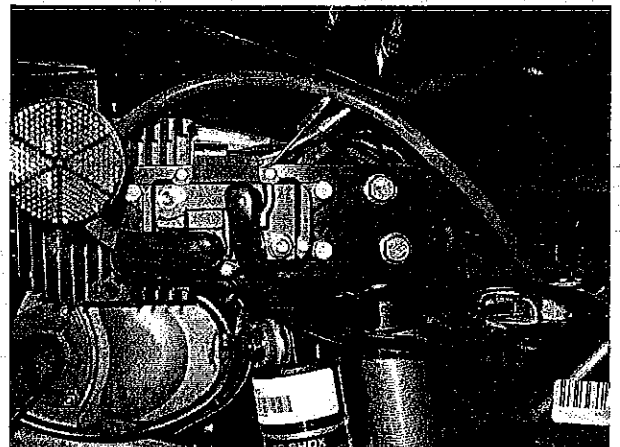
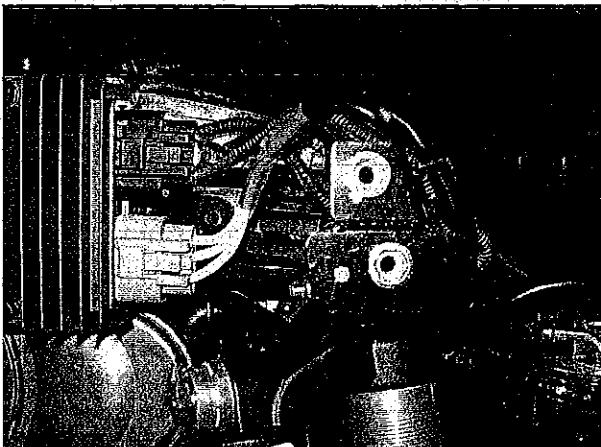


20. Secure the lower tab and the winch by installing the remaining front two M8 bolts, found in winch kit.



### Contactor installation and wiring

1. Mount the contactor to the contactor plate, and attach the plate to the two mounting holes as shown. Use the two short M8 bolts provided. Attach the red and black wires to the contactor using the color coded terminals on the contactor.



## INSTALLATION INSTRUCTIONS

2. Route the blue and yellow wires from the winch to the color coded terminals on the contactor.
3. Remove the seat and route the red and black wires to the battery under the seat as shown.



## MAINTENANCE / CARE

- Inspect all metal parts on the plow, plow mount, and related hardware prior to each use. Replace all parts that appears rusted or deformed.
- Inspect all nuts and bolts on the plow, plow mount, and related hardware prior to each use. Tighten all nuts and bolts that appear to be loose. Stripped, fractured, or bent bolts or nuts must be replaced.
- Check all cables prior to use. Replace cables that are worn or frayed.
- Check all moving and 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.**

