

4500 WINCH KIT



P/N 2881255

APPLICATION

All RXR Models

NOTE

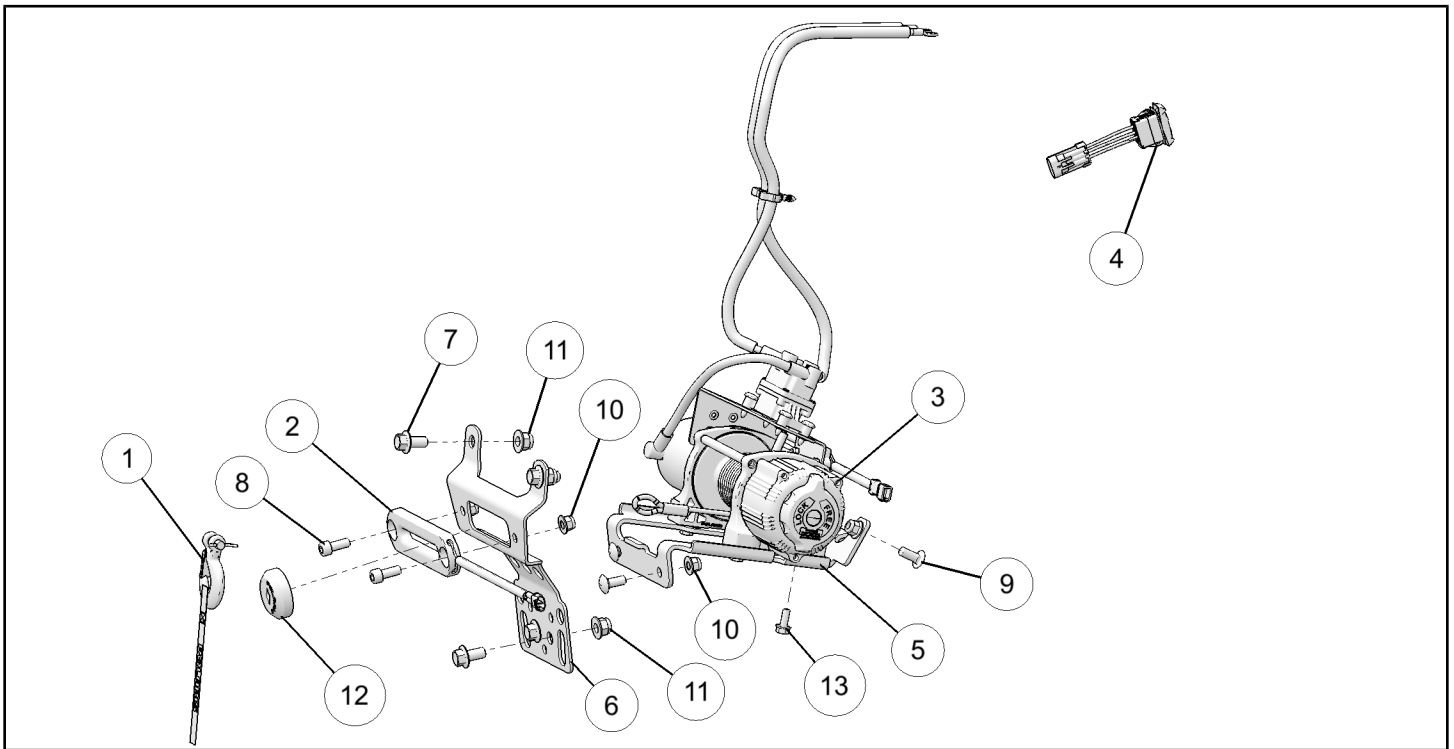
Your vehicle comes pre-wired for winch installation.
No additional parts are required beside what is included in this Kit.

BEFORE YOU BEGIN

Read these instructions and check to be sure all parts and tools are accounted for. Please retain these installation instructions for future reference and parts ordering information.

KIT CONTENTS

This Kit includes:



REF	QTY	PART DESCRIPTION	PART NUMBER
1	1	Hook-Latch, Winch	2411836
2	1	Fairlead, Kit	2206069
3	1	Assembly Winch, with Contactor, 4500	2635955
4	1	Switch - Winch, Sealed	4015043
5	1	Mount Bracket-Winch	5257962
6	1	Fairlead Mount Bracket	5258106
7*	4	Screw-HXFL-M12 X 1.75 X 25	7519072

REF	QTY	PART DESCRIPTION	PART NUMBER
8*	2	Screw-HXFL-M10 X 1.5 X 25	7517358
9*	4	Screw-RHCAR-M10 X 1.5 X 25	7519372
10*	6	Nut-M10 X 1.5	7547423
11*	4	Nut-HXFL-M12 X 1.75	7547441
12	1	Bumper, Rubber Stop-Magnet	5414619
13	4	Screw-HXFL-M8 X 1.25 X 20	7519133
	1	Winching Guide	9923644
	1	Instructions	9926643
		Service Handle (includes freespool handle and screw)	2205265

Items marked (*) are included in Hardware Kit PN 2206301.

TOOLS REQUIRED

- Standard and Metric Socket Set (2X)
- Drill and Drill Bit Set
- Phillips Screwdriver
- 1 1/16" Hole Saw or Drill
- Torque Drivers

IMPORTANT

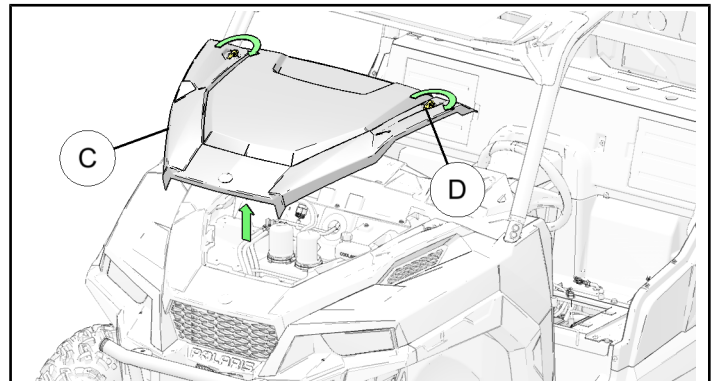
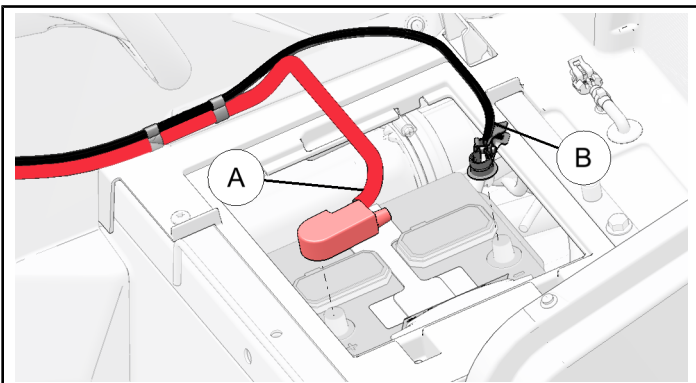
Your 4500 WINCH KIT is exclusively designed for your vehicle. Please read the installation instructions thoroughly before beginning. Installation is easier if the vehicle is clean and free of debris. For your safety, and to ensure a satisfactory installation, perform all installation steps correctly in the sequence shown.

ASSEMBLY TIME

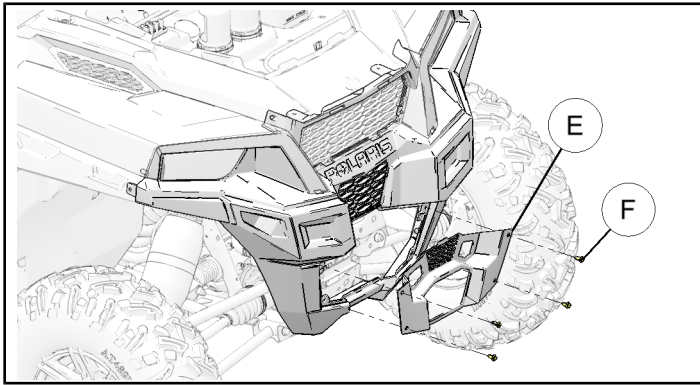
Approximately 45 minutes

INSTALLATION INSTRUCTIONS

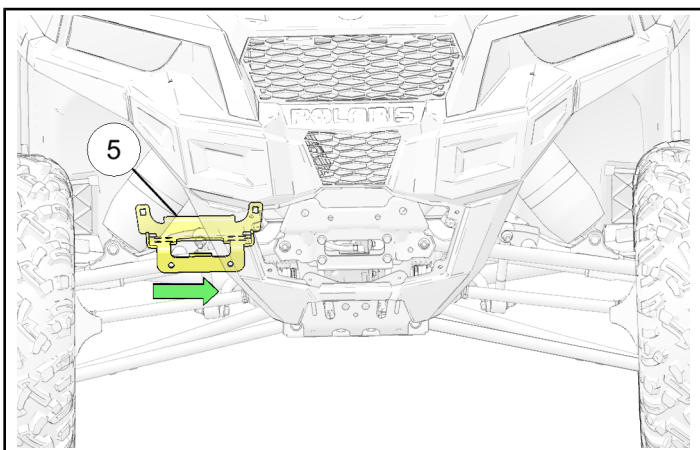
1. Place vehicle in "PARK". Turn key to "OFF" position and remove from vehicle. Remove seats. Disconnect cables (black negative (B), red positive (A)) from battery.
2. Remove hood (C) from the vehicle by twisting the two knobs (D) and pulling up.



- Remove lower front fascia (E) by removing four push rivets (F).



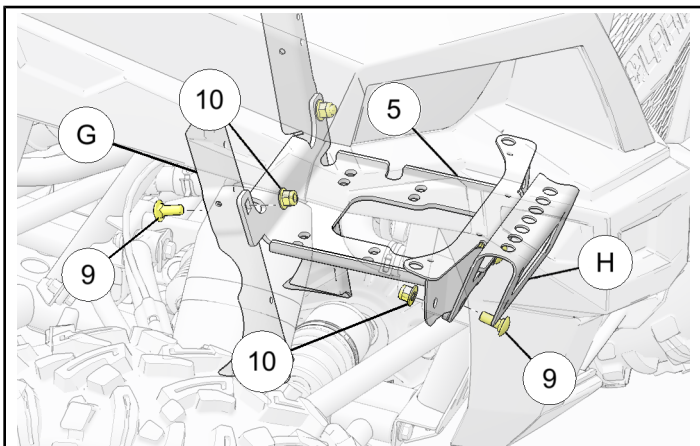
- Slide winch mounting bracket (5) into position from the passenger side as shown.



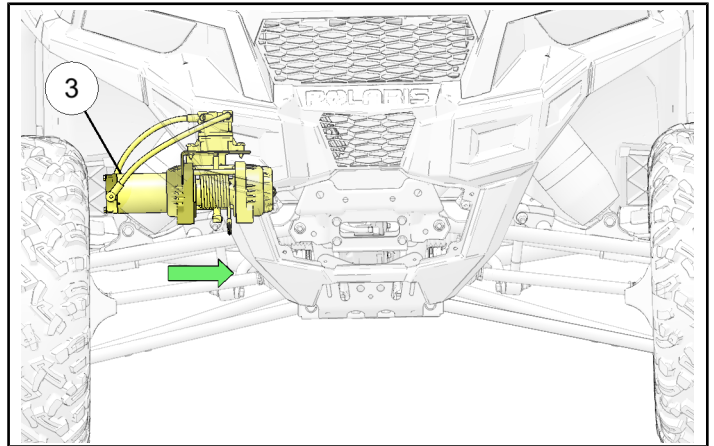
- Install winch mounting bracket (5) onto the front suspension bracket (H) and steering brackets (G) with four screws (9) and lock nuts (10). Torque to below specification.

TORQUE

20 ft. lbs. (21.7 Nm)



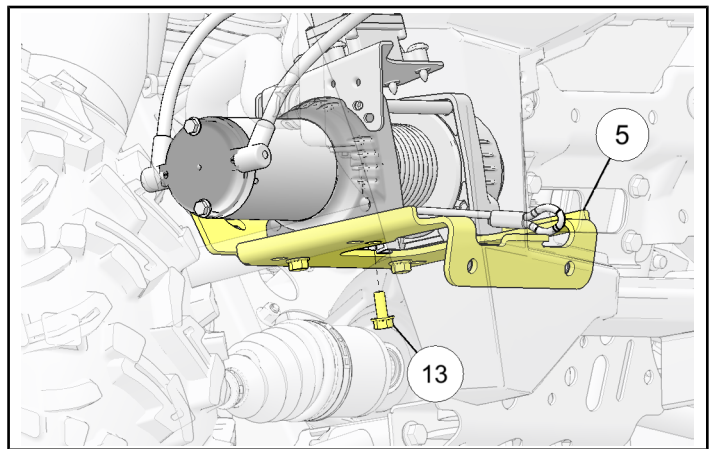
- Slide winch (3) from passenger side as shown onto winch mounting bracket.



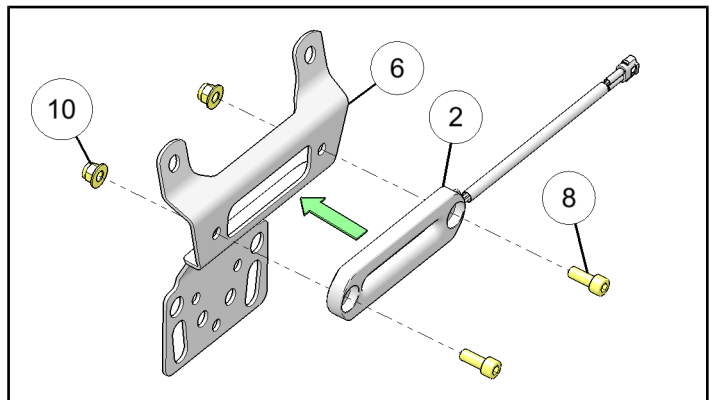
- Install winch (3) onto the winch mounting bracket (5) using four screws (13). Torque to below specification.

TORQUE

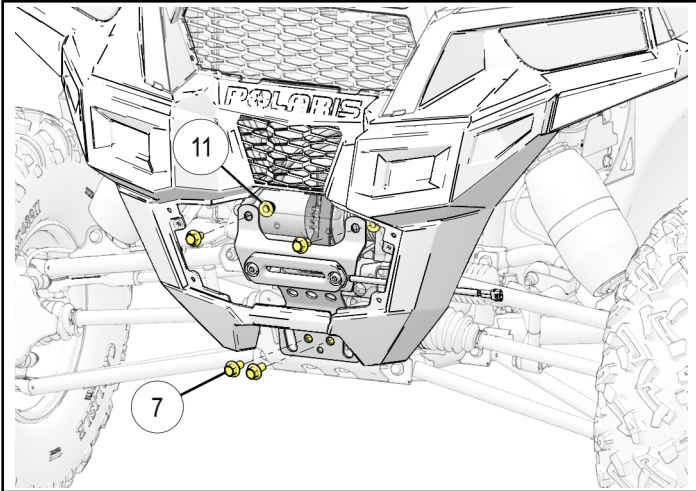
20 ft. lbs. (21.7 Nm)



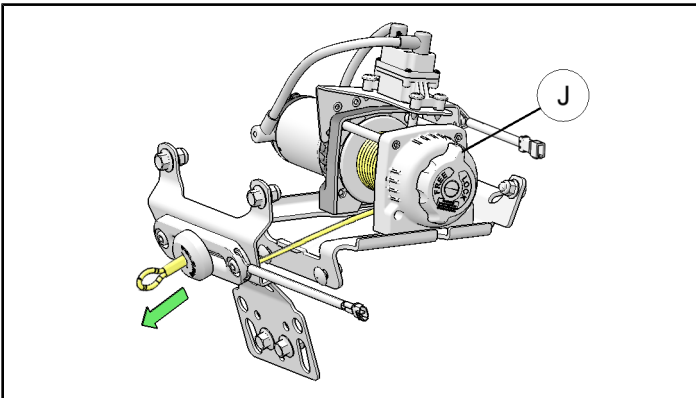
- Mount fairlead (2) with fairlead mount bracket (6) with two screws (8) and nuts (10).



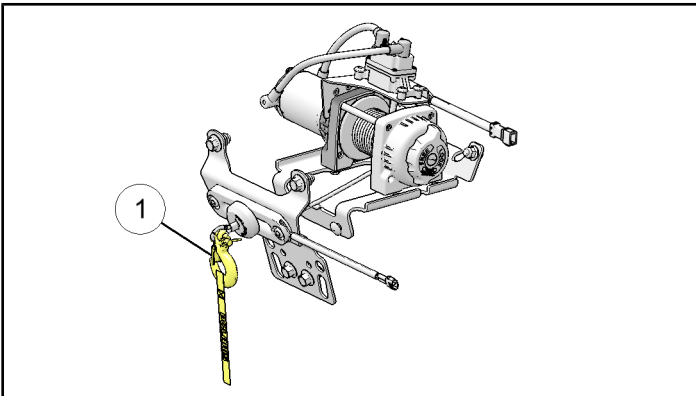
9. Install fairlead mount bracket with fairlead as subassembly on the vehicle with the four bolts ⑦ and nuts ⑪.



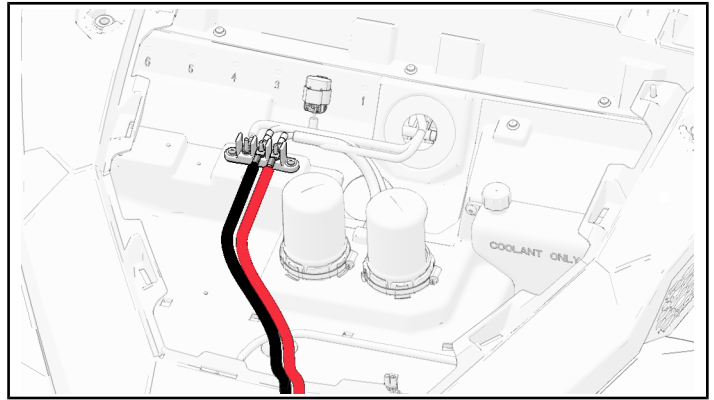
10. Pull rope 6-12" out through fairlead and twist knob again to re-lock spool. Thread rope through rubber stop, making sure that the tapered edge with the embossed "Polaris" logo is facing forward as shown.



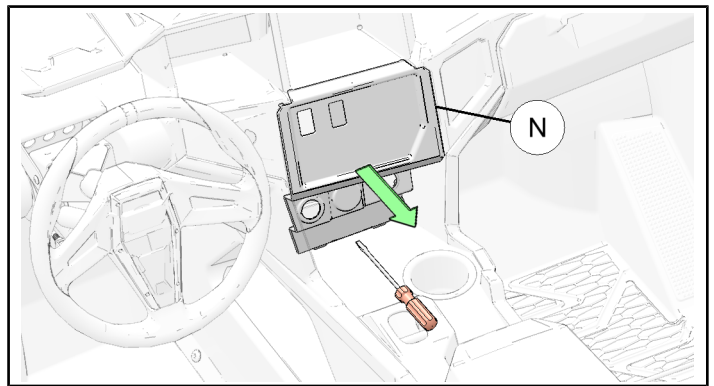
11. Attach hook ① to the rope by inserting the clip through it.



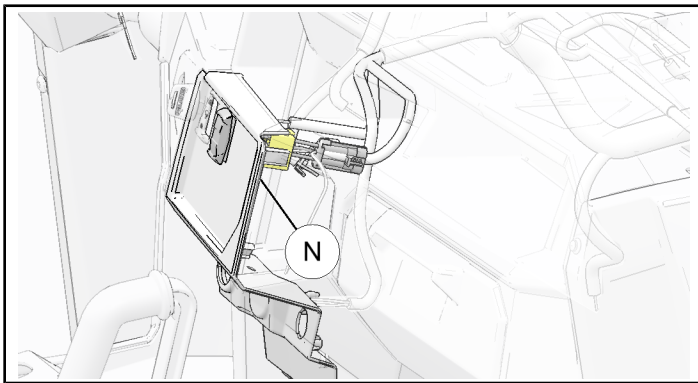
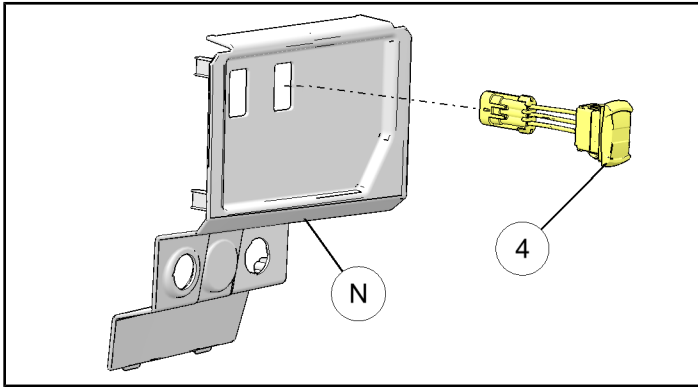
12. Hook up winch negative (black) and positive (red) terminals to the bus bar. Match the color of the wires you install to the color of the wires already installed.



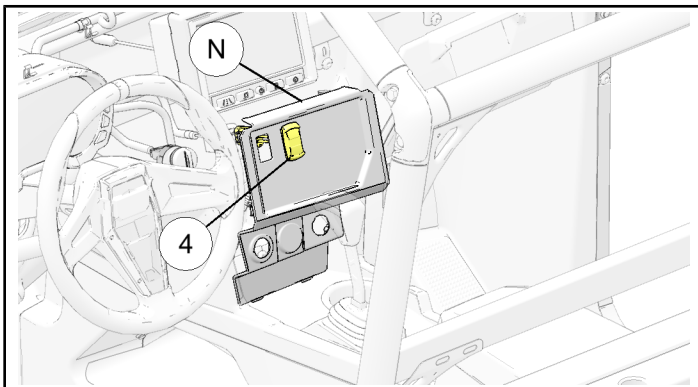
13. Remove control console panel (N) by using screwdriver at bottom and pulling control panel outside as shown. Remove one of the rectangular knockout hole. Locate switch connector from main wire harness.



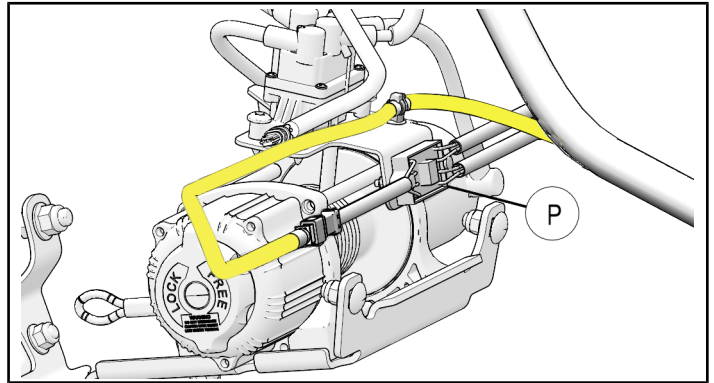
14. Install winch switch ④ onto the control console panel (N). Push switch into hole to seat. Connect switch to corresponding connector on main wire harness.



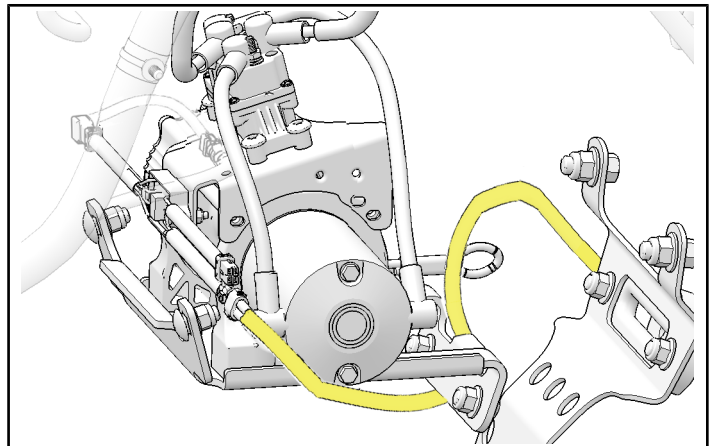
15. Reinstall control console panel (N) with winch switch ④ onto the vehicle.



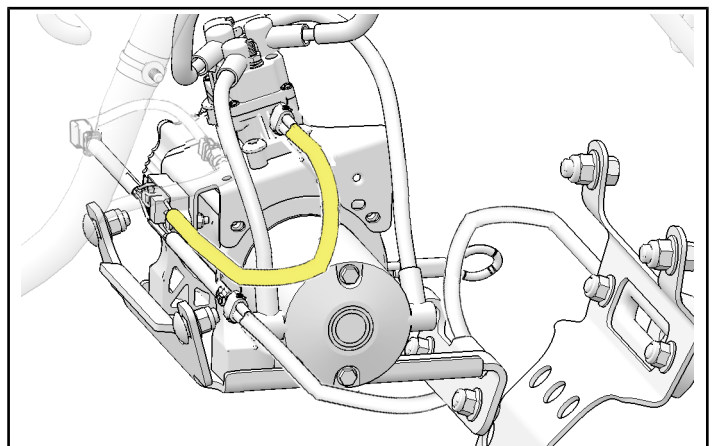
16. Connect the main wire harness to the mating connector on the contactor control assembly (P). The winch controller is already connected to the contactor, so you will not need to disconnect any connections that are already made.



17. Connect the wires from the aluminum fairlead to the mating connector on the contactor control assembly by routing the wires through the fascia and under the side of the winch. Secure the wires to the winch mount and remove all slack using cable ties.



18. Connect the wire from controller assembly to winch contactor connector.



19. Connect the negative (black) and positive (red) cables to the battery which was disconnected in Step 1.

20. Check function of the winch using dash switch. Make sure winch only operates when key is 'ON'. Check function of the autostop feature by bringing the rubber stop into contact with the aluminum fairlead. If the winch does not shut off automatically, check your connections and re-test.

21. Reinstall lower front fascia, hood, and seats onto the vehicle.