AUTOSTOP SENSOR KIT

P/N 2889028

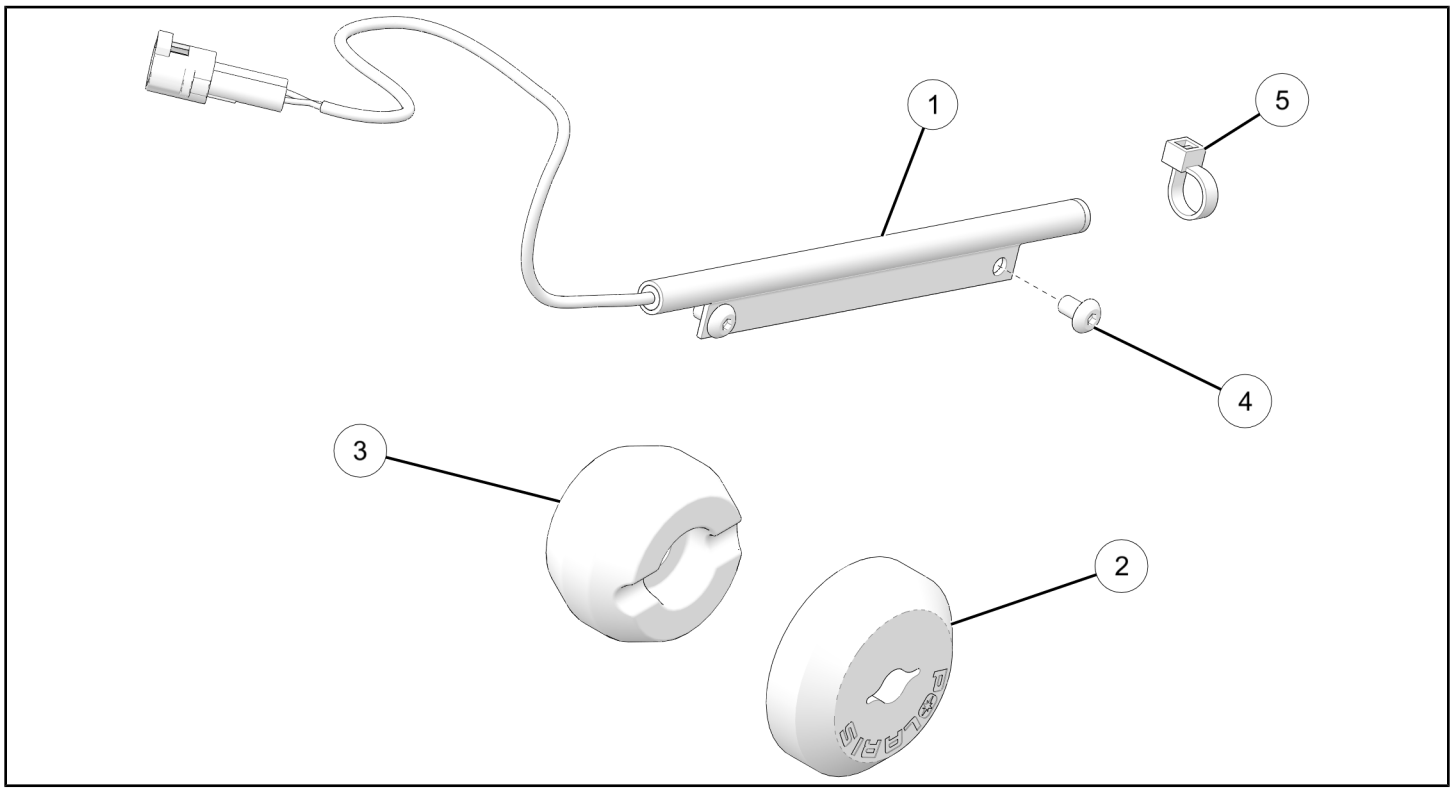
BEFORE YOU BEGIN

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.

APPLICATION

Verify accessory fitment at www.polaris.com.

KIT CONTENTS



REF	QTY	PART DESCRIPTION	P/N AVAILABLE SEPARATELY
1	1	Autostop Bar Assembly	2415812
2	1	Stop Magnet, Bumper	5415787
3	1	Bumper, Jounce	5417894
4	2	Screw, Hex Button Head M5 x 0.8 x 6 mm	n/a
5	3	Cable Tie	7080492

TOOLS REQUIRED

- Safety Glasses
- Pliers, Push Pin Rivet
- Socket Set, Hex Bit, Metric
- Socket Set, Metric
- Socket Set, Torx® Bit
- Torque Wrench
- Wrench Set, Metric
- Vehicle Lift/Support Equipment

IMPORTANT

Your Autostop Sensor 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.

INSTALLATION INSTRUCTIONS

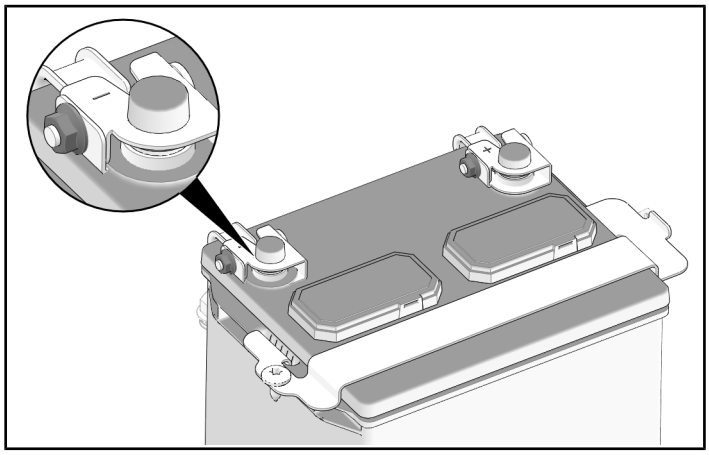
VEHICLE PREPARATION

GENERAL

1. Park vehicle on a flat surface.
2. Shift vehicle into PARK.
3. Turn key to OFF position and remove key.

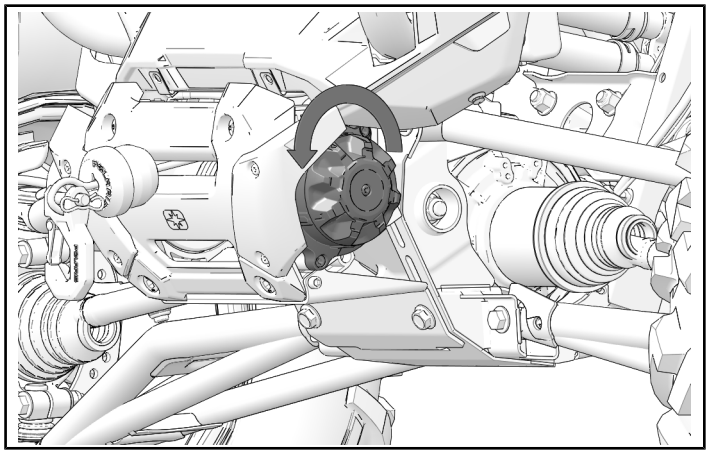
BATTERY DISCONNECT

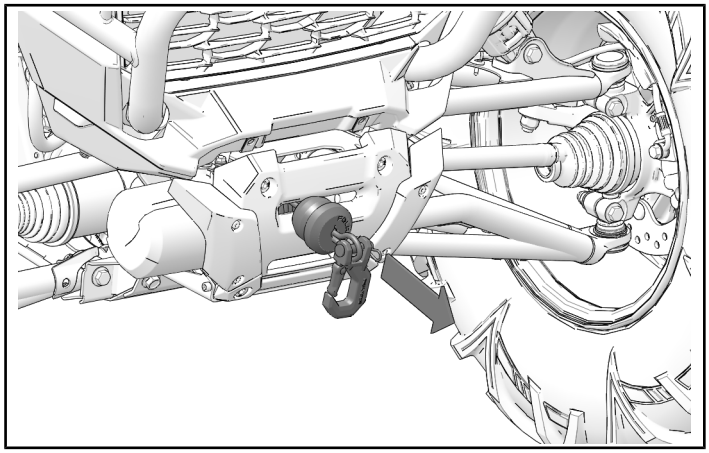
1. Loosen nut on negative battery terminal and remove negative battery cable from battery.



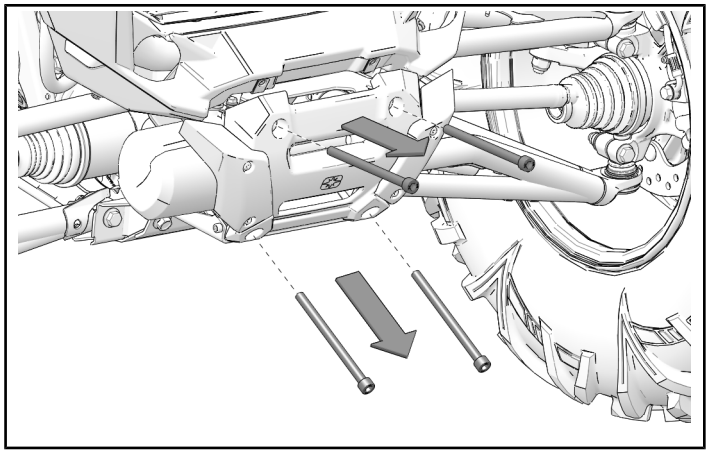
ACCESSORY INSTALLATION

1. Rotate winch knob to neutral to place winch in freespool. Pull out 12 in (30 cm) of rope. Rotate winch knob back into low gear and pull rope slightly until winch clicks and rope can no longer be pulled out.



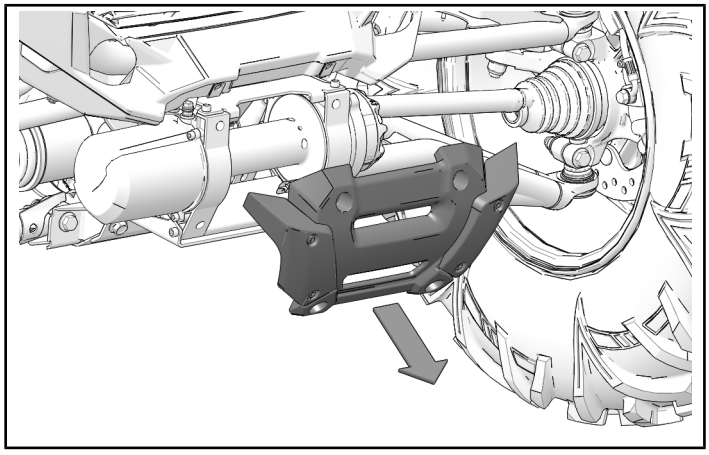


2. Remove and keep four screws and washers from fairlead.



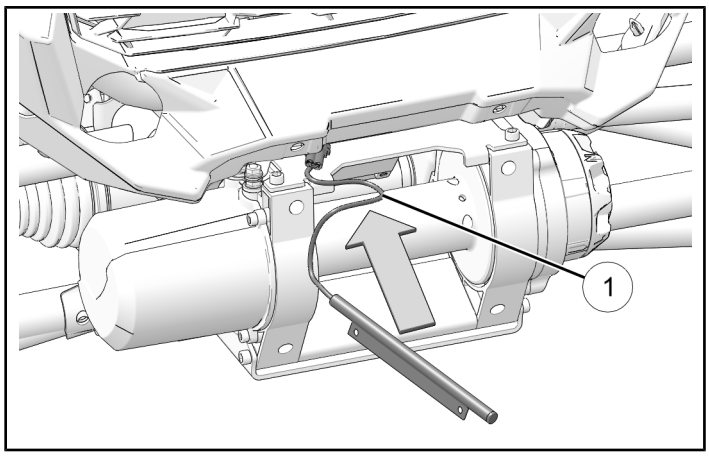
3. Remove fairlead from front of winch. Pull fairlead along rope until it is out of the way.

NOTICE
Rope hidden for clarity.



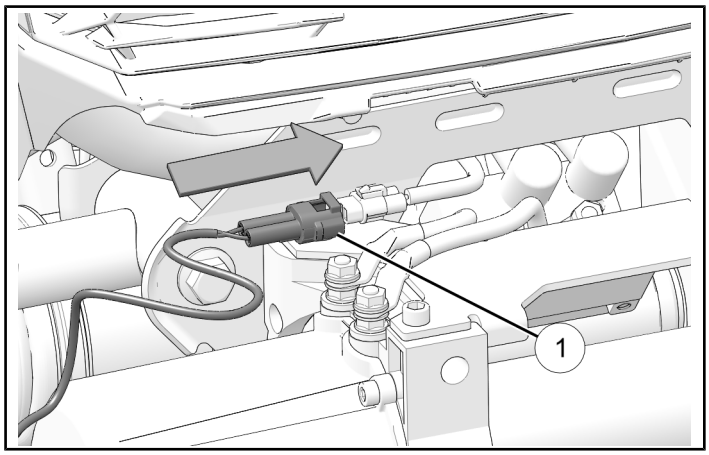
4. Route harness connector from sensor assembly ① between top of winch and bottom of lower fascia. If needed, push down slightly on winch to create enough clearance for connector.

NOTICE
Rope and fairlead hidden for clarity.



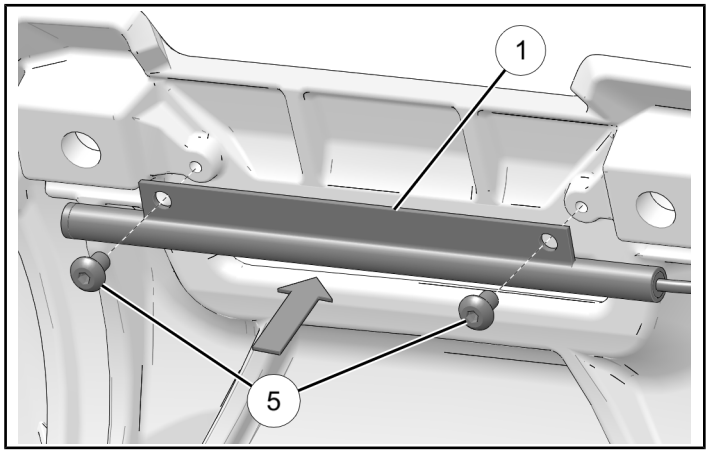
5. Remove cap from white connector on existing vehicle harness. Connect sensor assembly ① to white connector.

NOTICE
Lower fascia hidden for clarity.



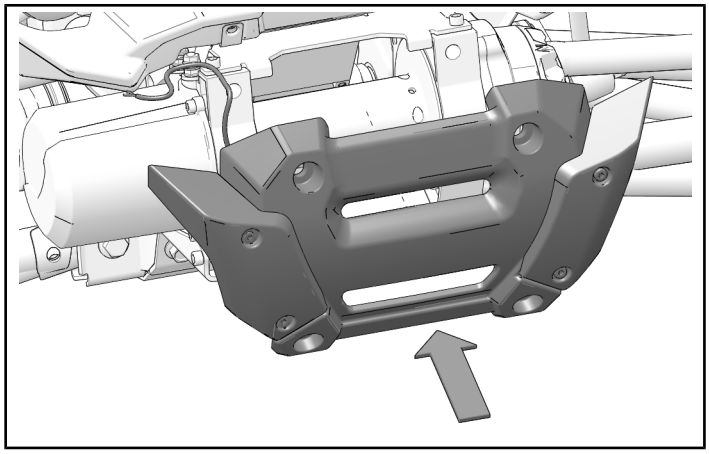
6. Connect sensor assembly ① to back of fairlead as shown. Torque screws ⑤ to specification.

TORQUE
Screws ⑤: **10 in-lbs (1 N·m)**



7. Install fairlead on front of winch.

NOTICE
Rope hidden for clarity.

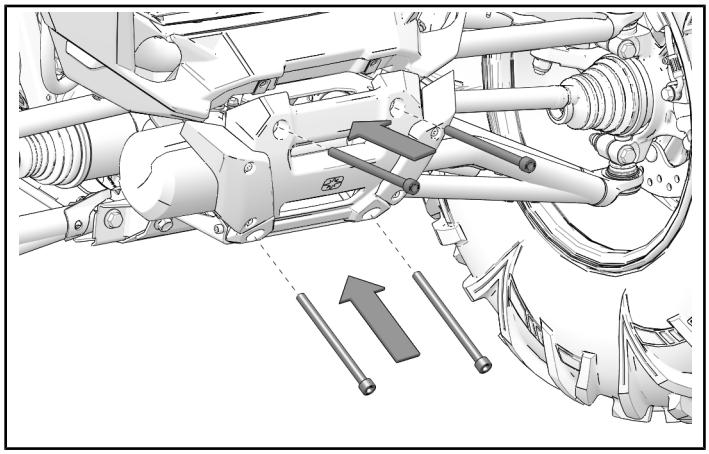


8. Install four screws and washers to assemble fairlead to winch. Torque screws to specification.

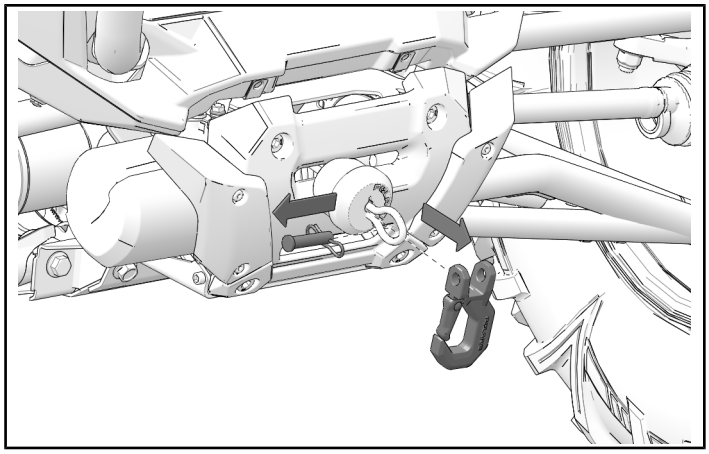
TORQUE
Fairlead Screws: **60 ft-lbs (81 N·m)**

IMPORTANT
Torque bottom screws first, then torque top screws.

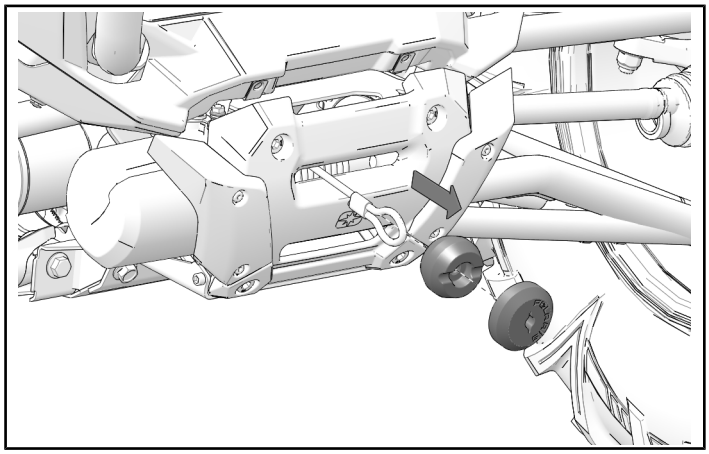
NOTICE
Rope hidden for clarity.



9. Remove hook from end of winch rope.

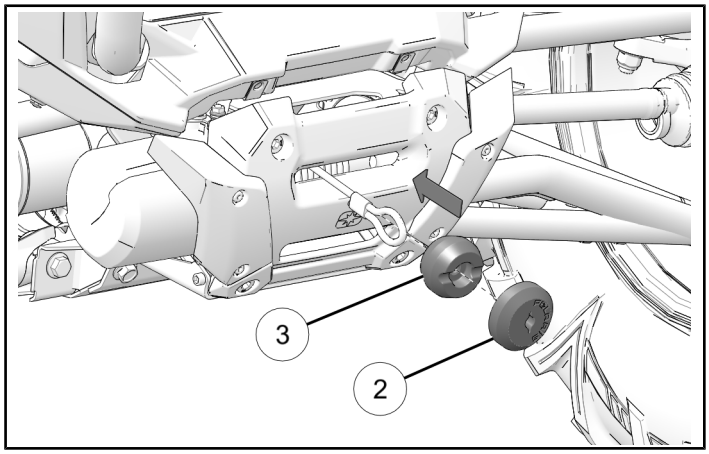


10. Remove any existing stop and bumper from winch rope.

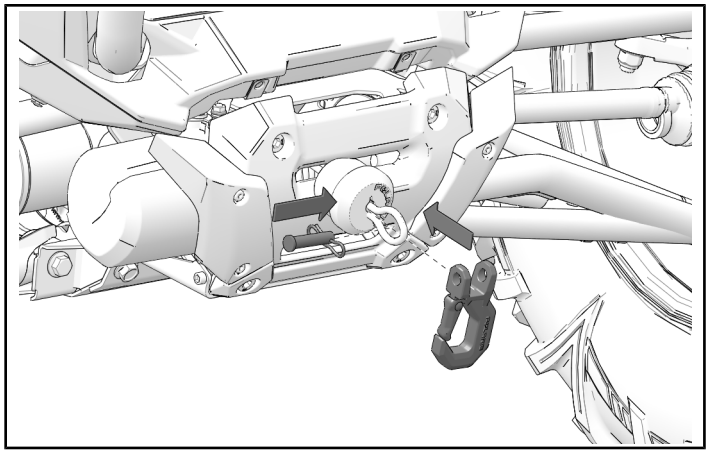


11. Install stop magnet bumper ② and jounce bumper ③ on winch rope.

TIP
Use a cable tie to make a loop through end of winch rope. Use cable tie as a handle to pull rope through jounce bumper and magnet bumper. Remove cable tie after completion of this step.



12. Install hook on end of winch rope.

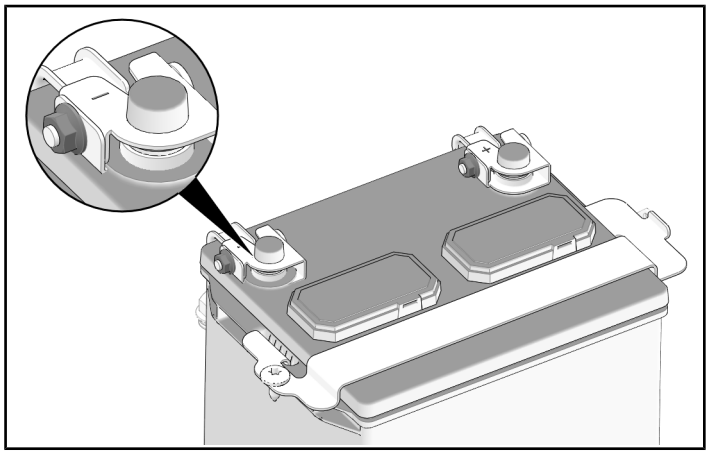


VEHICLE REASSEMBLY

BATTERY CONNECT

1. Put negative battery cable on battery and torque nut to specification.

TORQUE
Battery Nut: **26 ft-lbs (35 N·m)**



OPERATION

OPERATIONAL CHECK

IMPORTANT
The Autostop system is intended to prevent winch damage caused by over-tightening the rope, but cannot prevent all possible winch damage. The winch system is very powerful and care should be exercised whenever it is in operation. The winch operator is always responsible for using the winch properly, as described in the “Winch User Guide” included in the winch kit. The Autostop system should only be used as a secondary preventive measure to help prevent damage to the winch from over-tightening the rope.

NOTE
During rope recovery the winch should automatically stop when the magnetic stop ② comes close to or contacts the autostop assembly ① (within approximately 1 inch (25 mm)). Magnets in the stop trigger sensors in the assembly, stopping the winch.

INSTRUCTION FEEDBACK FORM

A feedback form has been created for the installer to provide any comments, questions or concerns about the installation instructions. The form is viewable on mobile devices by scanning the QR Code® or by clicking **HERE** if viewing on a PC.