

INSTALLATION INSTRUCTIONS

Polaris Gen 6 Winch Mount Kit (MA11603)

Application: All Polaris Gen 4+ and Gen 6 ATV's With Recessed Winch Cavity

Kit Content:

Item	Content Description	Qty
1	Winch Plate	1
2	Fairlead Support Plate	1
3	Contactormount Plate	1
4	5/16-18 x .75" Capscrew	4
5	5/16-18 Lock Nut	4

Necessary Tools:

- Standard Socket Set
- Phillips Screwdriver
- Standard Wrench Set
- 10mm Wrench
- T-25 Torx Tool
- 3/16" Hex Tool
- Small Punch



Step 1 PREPARATION

1. Remove your ATV's seat and left-hand side panel (Pic. 1)
2. Disconnect the ATV's ground wire (black) from the battery using a 10mm wrench
3. Remove the positive battery wire completely (red wire running from battery to starter solenoid) setting it aside for future use if winch is ever removed. The small 16-gauge wire must be reinstalled.
4. Remove the 2 bolts securing the front rack support upper surface to the ATV frame. Disconnect the headlight wiring (Pic. 3).
5. Remove the four bolts securing the front rack support to the radiator shroud (Pic. 2).
6. Remove the front bumper and rack support. Remove the front cab panel (Pic. 4). Keep 2 5/16-18 x 1.25" bolts for reassembly.
7. From behind the bumper, use a 3/8" socket or wrench to remove the two screws holding the bumper center panel cover. Retain the cover and screws for future use if winch is ever removed.
8. Use a 1/2" socket and wrench to remove the two upper bolts in the winch cavity that attach the bumper to the rack support (Pic. 5).

Step 2 WINCH INSTALLATION

1. From behind the bumper, use a 1/2" socket or wrench to align the winch mount plate holes with the holes on the rack support. Use the four 5/16-18x3/4" bolts and lock nuts to secure (Pic. 6 and 7). *Please note, Viper Max winches are longer than Warn winches by approx 1 inch. You will need to trim the plastic housing on the left side to make it fit.*
2. Bolt the roller fairlead to the fairlead mount bracket using the bolts and the nuts supplied with your roller or hawse fairlead.
3. Cradle the winch inside the fairlead mount plate. Turn your winch clutch to disengage or free spool and route the winch cable through the fairlead. It may be necessary to remove the hook from the winch cable or to remove one roller from your fairlead to complete this operation.
4. Route wires to and from winch as directed per the manufacturer's specifications and/or instructions included with the winch.

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5. Slide the winch wires through the bumper and winch mount plate and place the winch and fairlead mount plate in the cavity in the bumper. From behind the bumper, use the four mount bolts and lock washers included with your winch (5/16-18x1.00") to fasten the winch and fairlead bracket to the winch mount plate (Pic. 8). Torque bolts not to exceed 12 ft. lbs.
6. From the front of the ATV, route the winch wires under the ATV's plastic cab and into the area above the radiator.
7. Reposition the bumper and rack support on the front of the ATV, reconnect the headlight wiring, and fasten the rack support back to the frame using the bolts removed earlier. A punch or screwdriver can be used to align the holes. Do not fully tighten screws until all are in place.
8. Route the winch wires along the left side of the ATV, above the fuel shutoff, and along the frame to the rear shock area or as specified by the instructions included with your winch.

Step 3 CONTACTOR INSTALLATION

1. This winch mount kit includes a bracket specifically designed to mount your contactor to the frame of your ATV. Place the contactor in the contactor bracket so that the red and yellow marked terminals are facing away from the battery and the green and black from the contactor are facing the battery. Fasten the contactor mount to the frame of the ATV using the two bolts washers and nuts included with your winch (size 14-20x1").
2. Fasten the contactor mount to the left-hand side of the ATV's rear frame utilizing the existing hardware on the vehicle (Pic. 9).
3. Complete the winch wiring to the contactor per your winch manufacturer's instructions.

STEP 4 COMPLETING INSTALLATION

1. Wire the winches switch assembly as directed by your winch manufacturer.
2. Refer to your winch manufacturers installation instructions to ensure all cables are routed correctly and that the power and ground cables are re-connected to the battery in the appropriate fashion.
3. Test the winch. Turn the winch clutch to engage and winch up any slack.
4. Replace the front cab cover and the left hand side panel and the seat.



Pic. 1



Pic. 2

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Pic. 3



Pic. 4



Pic. 5



Pic. 6



Pic. 7



Pic. 8



Pic. 9