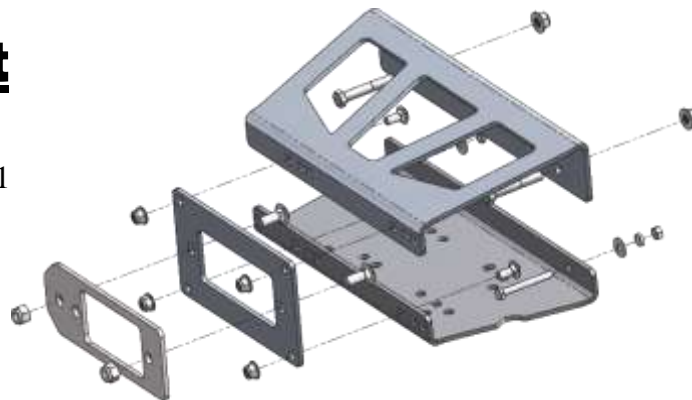


Bobcat UTV Winch Mount

Winch Mount **PART # 100850**
 Hardware Kit #: HK-067 & HK-031

Kit Components:

<u>Qty</u>	<u>Part Description</u>
1.....	Top Mount Plate
1.....	Bottom Mount Plate
1.....	Fairlead Bracket
1.....	Fairlead Adapter Plate
4.....	5/16" x 3/4" Carriage Bolt
4.....	5/16" Nylock Flange Nut
2.....	3/8" x 1" Carriage Bolt
2.....	3/8" Nylock Nut
2.....	1/4" x 2 1/4" Hex Bolt (Full Thread)
2.....	1/4" Flat Washer, USS
2.....	1/4" Hex Nut
2.....	3/8" x 2 1/4" Hex Bolt
2.....	3/8" Nylock Flanged Nut
2.....	1/4" Lock Washer
1.....	22-18GA Spade Insulated Terminal
1.....	Hardware Kit (Mini-Rocker Switch)



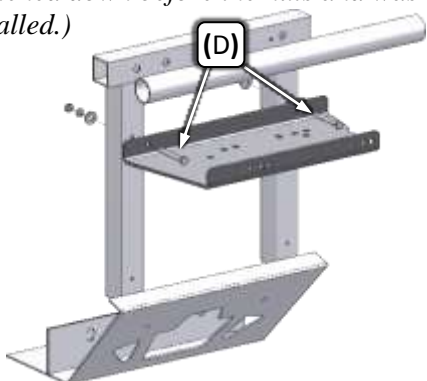
INSTALLATION INSTRUCTIONS:

1. Begin by removing the upper grill. To do so remove screws (A) as shown in Figure 1.

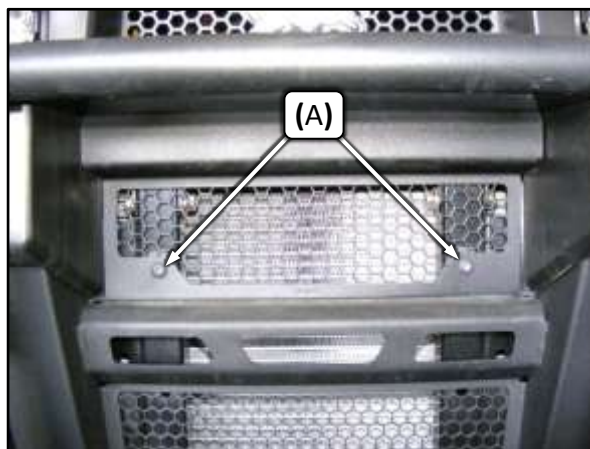
(Note: If you are installing a Wide Winch (3.00 x 6.60" bolt pattern) then you will need to remove the bumper as shown in Figure 2-(B). The holes that will be used for mounting are shown in Figure 3-(C).)

2. Install lower mount plate using the 1/4" hardware provide as shown in Figure 4-(D).

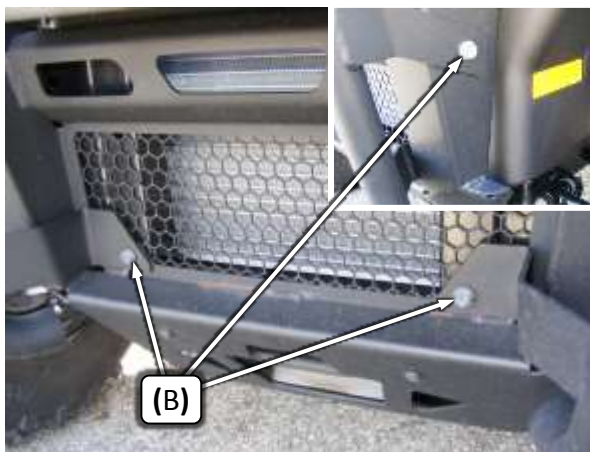
(Note: The 1/4" hex bolts (fully threaded) will have to be threaded all the way through the frame and tightened down before the nuts and washers can be installed.)



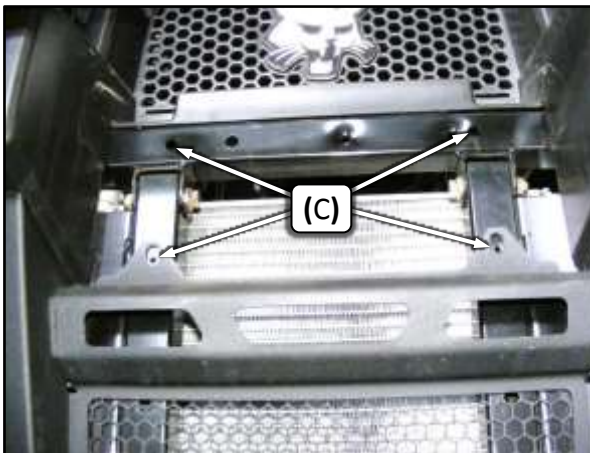
"Figure 4" Lower Mount Plate Installation



"Figure 1" Front of Machine



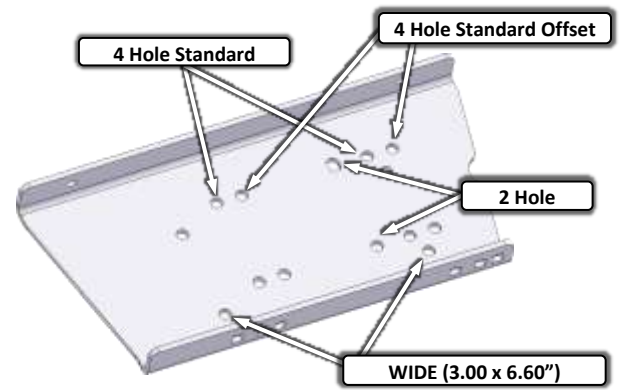
"Figure 2" Bumper Removal



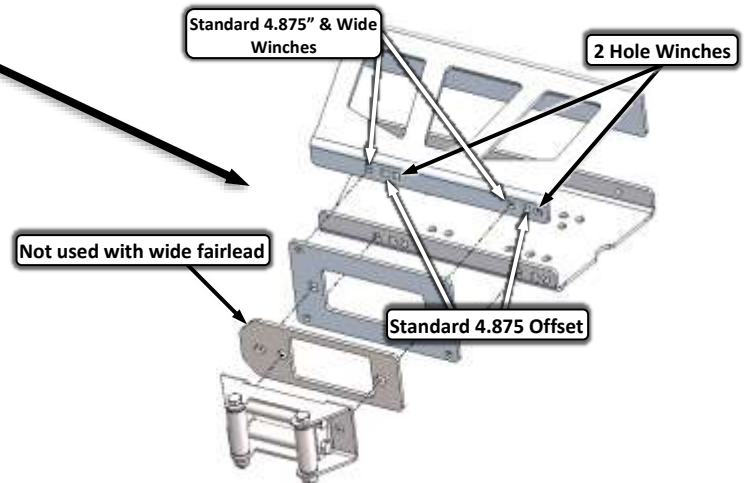
"Figure 3" Holes for Mount Install

- Determine which winch you have (4 Hole Standard, 2 Hole, or Wide Winch) in order to choose the holes that will be used for mounting your winch as shown in Figure 4.

(Note: This must also be done in order to figure out which position will be used for the fairlead bracket. Standard (4.785" pattern) winches will use the furthest left, or the centered fairlead bracket holes. The centered position will be used if the winch is longer on the motor side and will not fit in the standard position. 2 hole winches will use the furthest right fairlead bracket holes as shown in Figure 5. Keep this position in mind as you move on to the next step of installing your winch.) Make sure the winch spool and the fairlead are in line with each other.



"Figure 4" Winch Holes

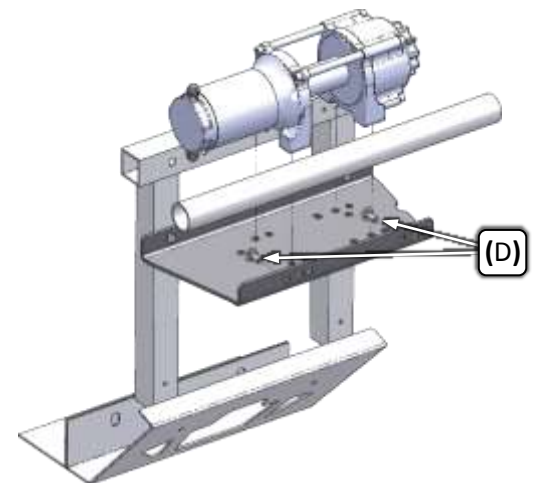


"Figure 5" Fairlead Bracket Holes

- Place your winch into position as shown in Figure 6. **DO NOT** bolt the winch on yet, as you will need to be able to move it around to install the upper mount plate.

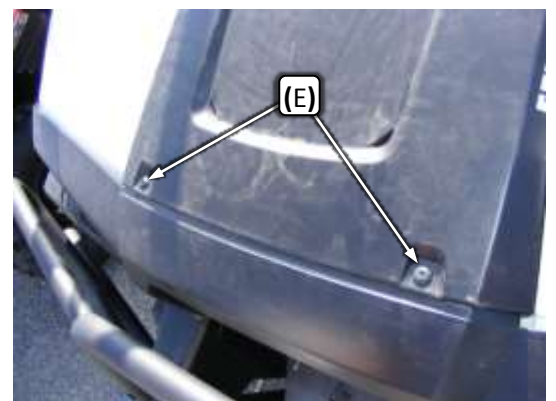
(Note:

- For the Wide winch you need to install the two 5/16" Carriage Bolts for the fairlead bracket before installing the winch as there will be no room to do it after, shown in Figure 6-(D).*
- You may find it easier to wire your winch before installing to the mount. If so use the instructions provided with your winch, wire accordingly.)*



"Figure 6" Winch Installation

- Before installing the upper mount plate, you must remove the hood to be able to access the back of the bolts. To do this remove the hood bolts as shown in Figure 7-(E).

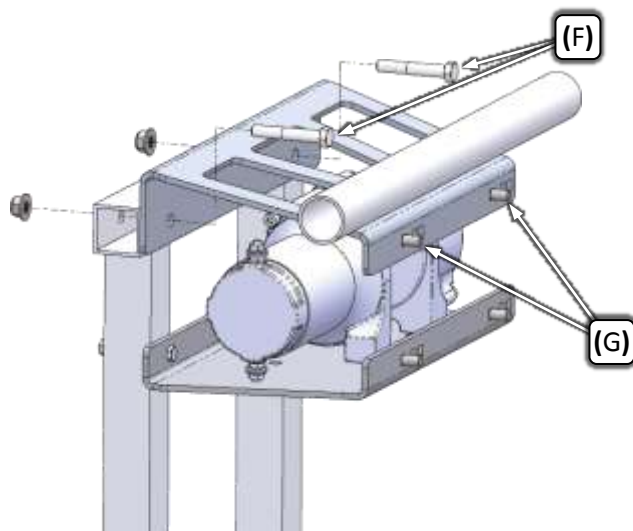


"Figure 7" Hood Removal

6. Install the upper mount plate using the 3/8" x 2 1/4" bolt and 3/8" flange nut as shown in Figure 8-F.

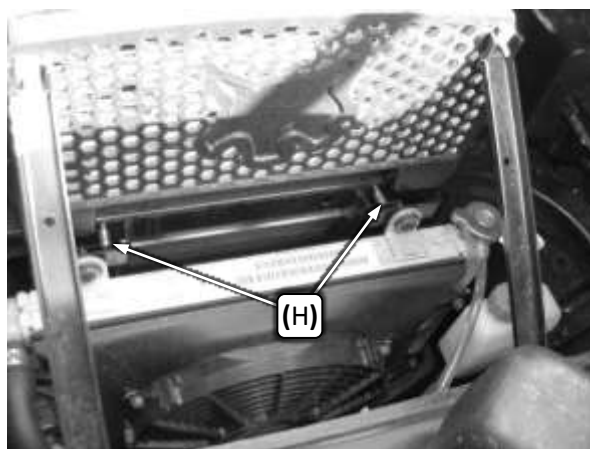
(Note:

1. You can access the back side of the bolts through the hood of the UTV as shown in Figure 9-(H).
2. If you have a Wide Winch you may want to install the carriage bolts (G) in the upper mount for the fairlead bracket before tightening down the upper mount plate.)



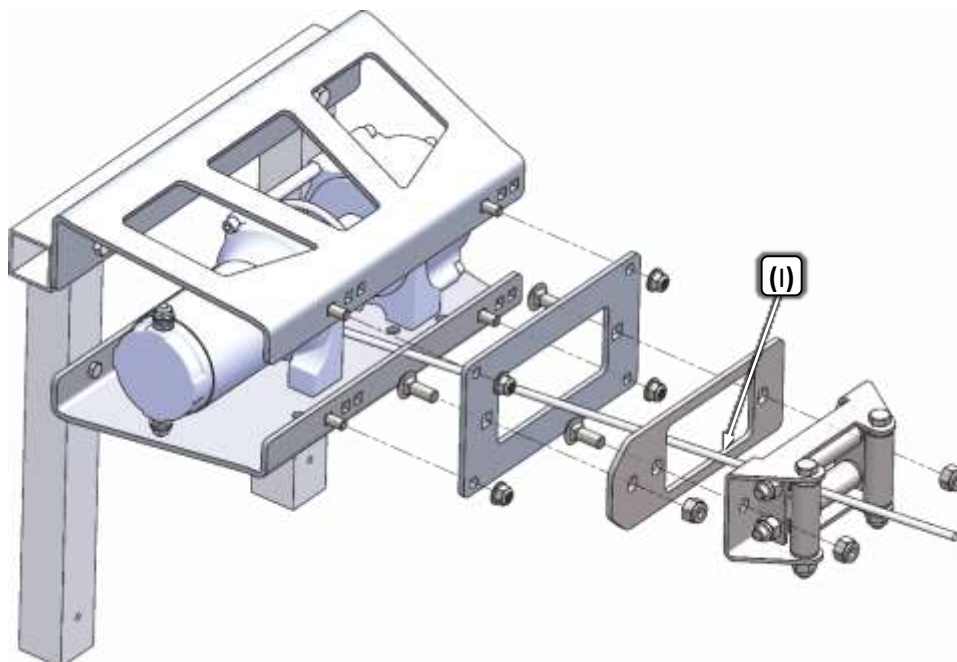
"Figure 8" Upper Mount Plate Installation

7. Assemble the roller fairlead to the fairlead bracket. Route the cable (I) through both the fairlead bracket and the fairlead as shown in Figure 10. Attach the hook to the end of the cable.
8. Assemble the Fairlead Bracket to the mount as shown in Figure 10 using the 5/16" hardware supplied.
9. If you removed the front bumper and hardware in Step 1 replace them now.



"Figure 9" Upper Mount Plate Nut Access

Using the instructions provided with your winch, wire accordingly.



"Figure 10" Fairlead Bracket Installation

CONTACTOR LOCATION

Contactor location is inside the hood compartment as shown in Figure 11. (Note: If you wish you may drill a second hole for the contactor as there is only one hole in this location.)

SWITCH IGNITION WIRE

1. Crimp included spade electrical connector to the red wire from the remote or switch.
2. Connect Spade to the ORANGE wire terminal. Figure 12

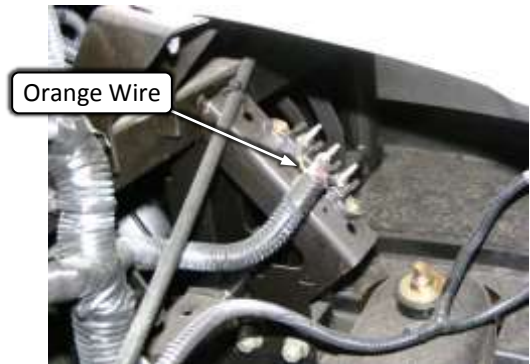
Mini-Rocker Switch Hardware Kit

This allows you to mount your usual handle bar mounted switch to almost any desired location.

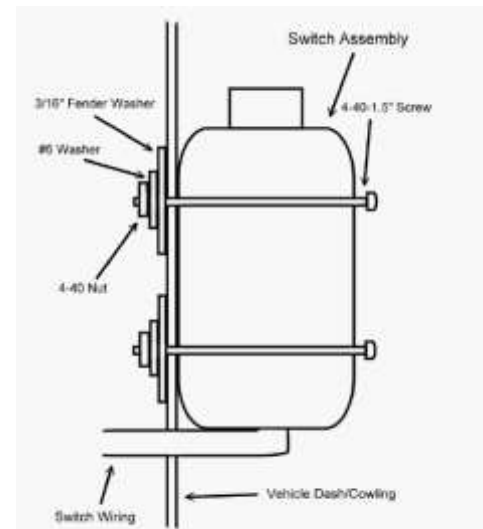
- a. Remove handlebar mount hardware from the switch.
- b. Locate desired mounting location
- c. Mark and drill two switch holes through dash using switch housing as a template
- d. Drill a 3rd hole for the switch wiring.
- e. Assemble per Figure 13.



"Figure 11" Contactor Location



"Figure 12" Switch Ignition Wire



Optional Switch Mount Instructions*

"Figure 13" Mini-Rocker Mounting

