

# HONDA RANCHER 420

Winch Mount

PART#: **100880**

Hardware Kit: HK-069

## Kit Components:

Qty.	Description
1.....	Winch Mount Plate
1.....	Winch Mount Fairlead Plate
4.....	1/4"-20 x 1" x 1-1/2" U-Bolt
8.....	1/4"-20 Hex Flange Nylock Nut
2.....	3/8"-16 x 3/4" Sq. Carriage Bolt
2.....	3/8"-16 Hex Flange Nylock Nut
2.....	M8 x 25mm Button Head Screw
2.....	M8 Lock Washer
2.....	M8 x 30mm Hex Flange Bolt
2.....	5/16" USS Flat Washer

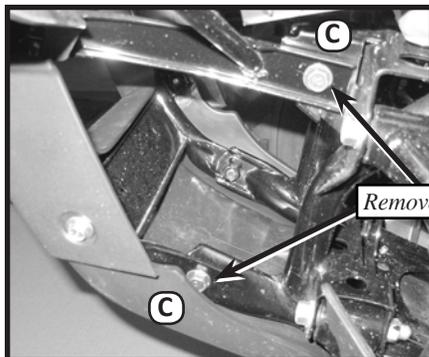
## INSTALLATION INSTRUCTIONS:

1. Remove front fascia by pulling out two plastic rivets (A) and removing two lower bolts (B) shown in Figure 2.

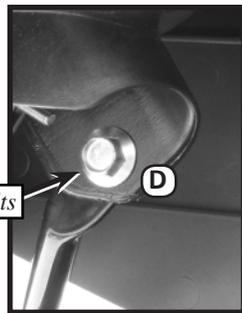


"Figure 2" Remove fascia

2. Remove front bumper held by 6 bolts (C) shown in Figures 3 & 5. Also remove 2 headlight support bolts (D) (Figure 4). (You may remove an additional plastic insert found in front of the radiator to make bumper reinstall easier.)



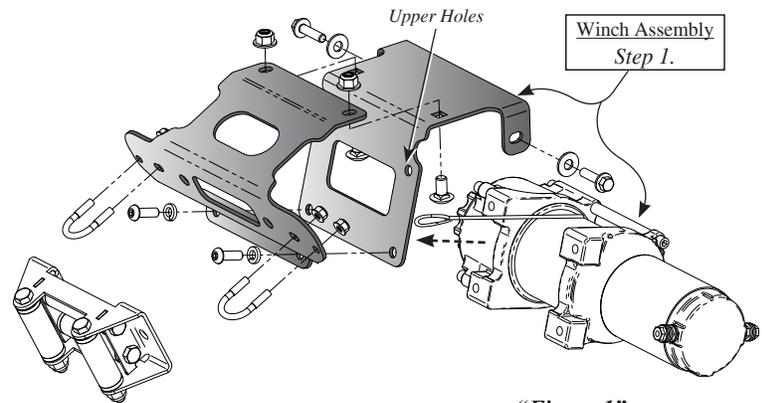
"Figure 3" Remove bolts



"Figure 4" Support



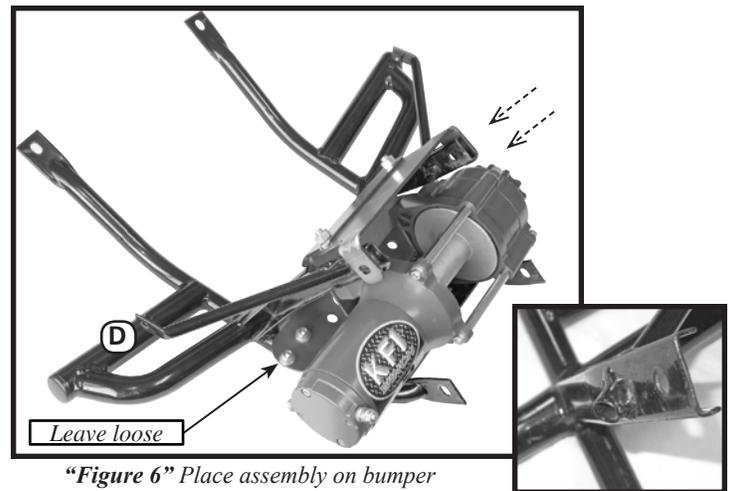
"Figure 5" Upper bolts



"Figure 1"

3. Set bumper aside and assemble winch to mount as shown in Figure 1. Do not assemble U-bolts, or rear M8 bolts at this time. Use hardware provided with your winch for the upper 2 bolts holding it in place, and use M8 button head screws w/ washers provided in the hardware kit for the lower bolts.

*NOTE: Orient the winch so that the motor faces to the right, and that the cable will spool through the mount opening. Keep carriage bolts and button head screws loose until fully assembled to aid in alignment.*

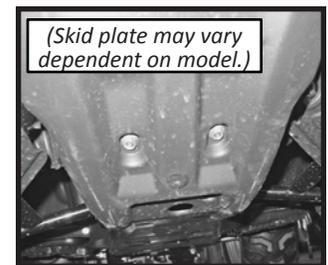


"Figure 6" Place assembly on bumper

4. Place bumper face down, slide the assembled winch & mount over bumper rails, and position approximately as shown in Figure 6. Recommend sliding winch and mount assembly into position coming from straight behind the rails and using notches in the mount to avoid the frame protrusions (Figure 7).

5. Loosely fasten U-bolts & nuts over bumper tube. Leave enough slack for adjustment.

*Note: At this point it is very helpful to loosen the lower plastic by removing 4 screws (Figure 8) and flexing the plastic down out of the work area.*

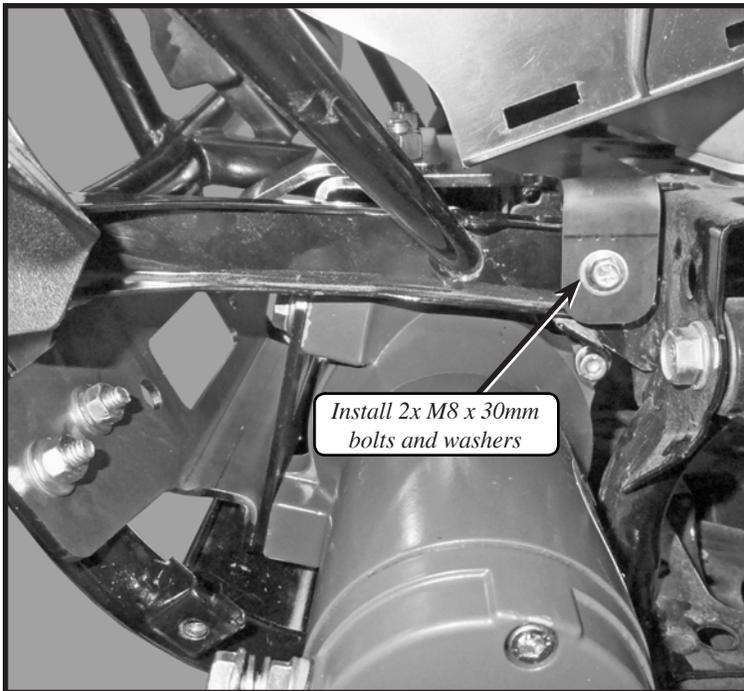


"Figure 8"

(Skid plate may vary dependent on model.)

- Lift entire bumper assembly with winch & mount and reposition back onto frame.

Maneuver the light supports into place first (lift bumper vertically from underneath body plastic), then align the top two bolts attaching the bumper to the rack. Finally swing the assembly inward to align the lower bolts and rails back into their original positions. See Figure 9 for final alignment.

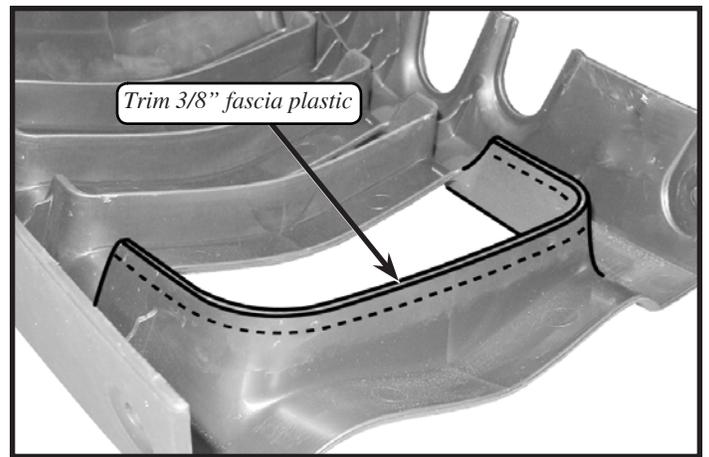


**“Figure 9”** Install bumper & mount to frame.

*Note: The rails that the winch mount fits over top of can be easily tweaked and distorted out of shape making reinstallation difficult. It may be helpful to spread the bumper rails slightly outward during reassembly as they can fit very tightly over the frame.*

- Align the back slot with both the hole in the bumper rail and machine frame and loosely install two M8 x 30mm bolts with 5/16” washers included in hardware kit. (See Figures 1 and 9)
- Reinstall two lower bolts attaching the bumper to the frame. Do not fully tighten. Then adjust and reposition the mount assembly as necessary so it is flush with the front tubes.
- Tighten U-bolts and all installed hardware. Replace remaining frame bolts, including light support and lower plastic (if applicable).
- Install roller fairlead to the fairlead plate using hardware included with your winch, see Figure 1.
- Modify the front fascia by trimming 3/8” of material from the surfaces indicated in Figure 10. Mark the area to be removed and use a box cutter, dremel type tool/cutting wheel, or similar tool.

**CAUTION:** Be **EXTERME**LY careful if using a box cutter as the plastic is fairly rigid and requires multiple scores/cuts. Always cut away from yourself and keep fingers back from the blade.

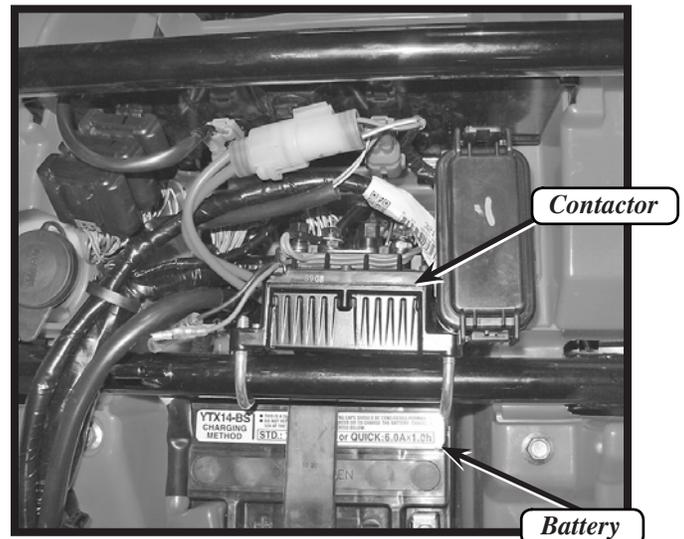


**“Figure 10”** Trim fascia

- Reinstall front fascia. Position the large opening over the roller fairlead, hook it underneath and push plastic back into place over the bumper frame. The plastic will flex where it goes over top of the winch mount and U-bolts.
- Replace plastic rivets and two lower screws.
- Winch mount installation is complete, spool cable through the openings in the mount and roller fairlead, attach hook and wire according to your winch installation manual.

## WIRING INFORMATION

- For suggested contactor location please see “Figure 11”. Find the battery compartment (behind/under seat; machines may vary).
- Use 2x 1/4” u-bolts and 4x 1/4” nuts to fasten contactor to rail loosely, then connect wires and rotate **DOWN** into final position as shown. Tighten u-bolts.



**“Figure 11”** Contactor location

