



WINCH KIT

FOR RAM POWER WAGON

PLEASE READ ENTIRELY BEFORE YOU START

To guarantee a quality installation, we recommend reading these instructions thoroughly before beginning any work. These instructions assume a certain amount of mechanical ability and are not written nor intended for someone not familiar with auto repair.



I. DISASSEMBLY

1. Follow the factory instructions when removing the bumper and winch system from your truck.
2. You will need to remove and save the remote connection port and wiring from the factory bumper, along with the four M10 main mounting bolts for the winch to the factory bracket

II. CLOCKING THE WINCH

1. Follow the provided Warn instructions for winch disassembly and handle replacement.
2. When reassembling, clock your clutch handle position to the shown orientation below in Fig 1.
 - A. Note the clutch handle position relative to the solenoid pack and mounting feet.
 - B. Be very careful to realign the internal gearing of the winch and make sure the housing and gasket are fully seated before tightening down the housing screws.

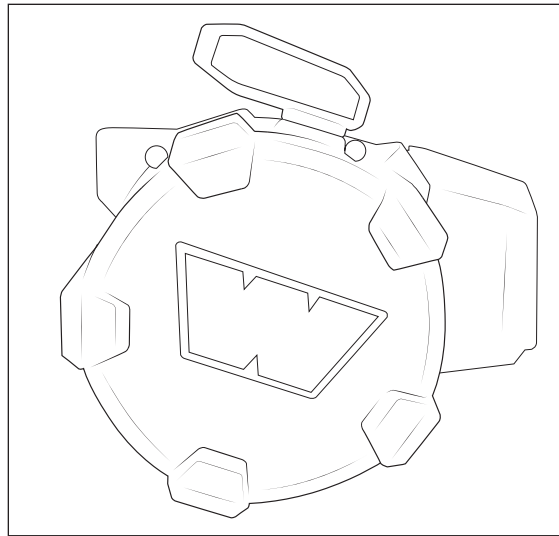


Figure 1

3. Once the winch is back together, remove the "Engaged" and "Freespool" labels and replace with provided labels in the orientation below in Fig 2. The new handle is backwards from the factory part.

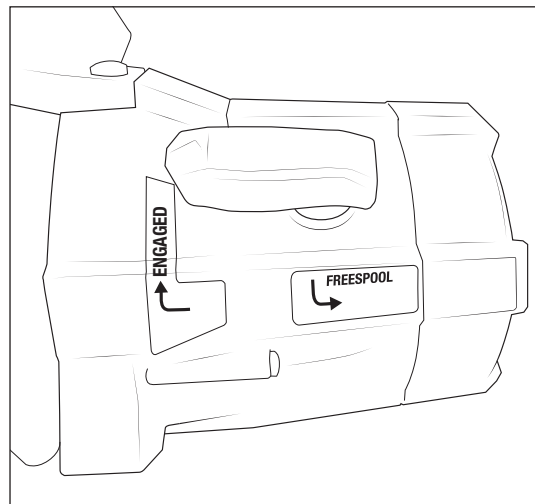


Figure 2



II. INSTALLING THE WINCH

1. Set the winch into the Bumper Center Section as shown below in Fig 3

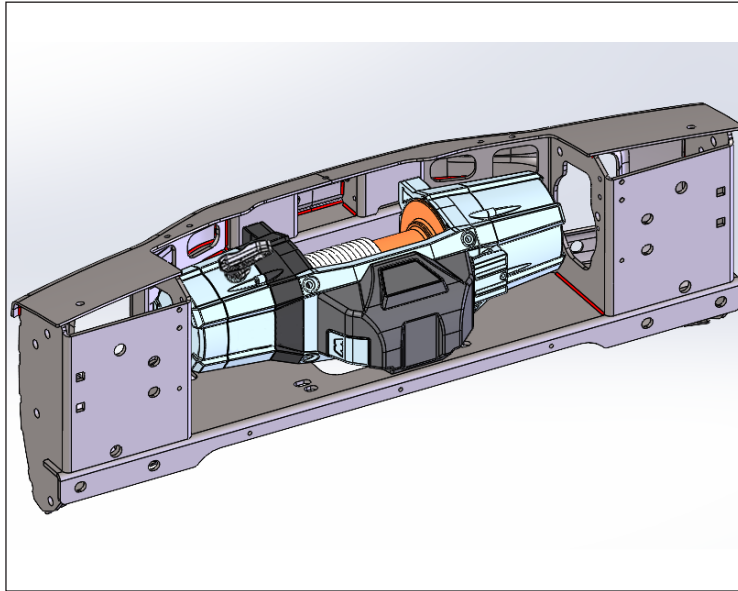


Figure 3

2. With the help of someone else, position the provided spacers between the Bumper Center Section and the mounting feet of the winch. The provided Warn Fairlead is also installed at this point and the lower winch mounting bolts pass through the fairlead during assembly.

IV. MODIFYING AND MOUNTING CONTROLLER CONNECTOR

1. Using a pair of flush cutters, trim off the three plastic tabs from the back of the factory connector as shown in Fig. 4 below. Smooth down any remaining plastic so that the provided metal bracket can sit flush against the back of the connector.

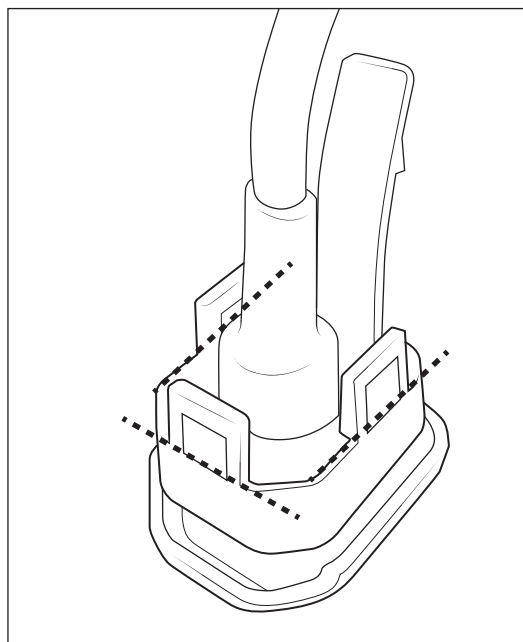


Figure 4



- Using the metal bracket as a template, mark two opposing holes onto the back-side of the metal bracket using a silver marker. Not all four holes will be used (fig. 5).

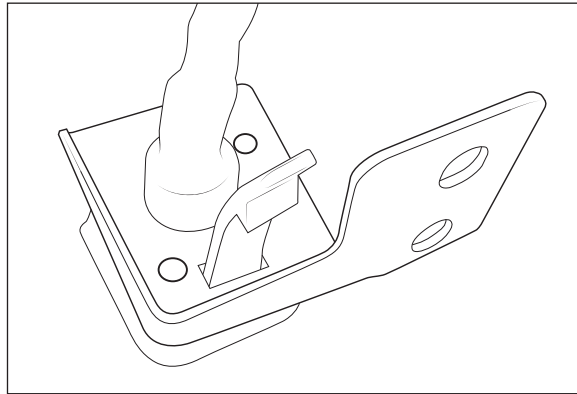


Figure 5

- Now that the hole locations are marked on the connector, remove the metal bracket and carefully drill out the two marked holes using a 1/8" drill bit. **NOTE:** A small dimple is all that is necessary to allow the self threaded screw to engage. Be very careful not to drill deeper than necessary.
- Using the two small provided Phillips head screw, attach the connector to the metal bracket. Some amount of pressure will be needed to properly start threading the screw into the plastic. Be careful not to over tighten and risk stripping out the plastic.
- With the connector assembled to the metal bracket, attach the assembly to the Bumper Center Section as shown in Fig. 6 below, using the two provided M6 hex head screws, M6 washers, and M6 nuts.

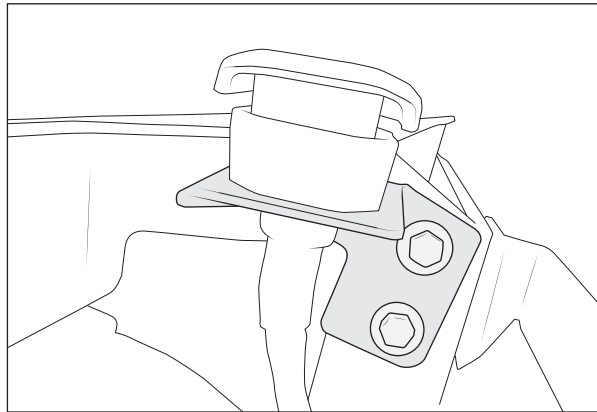


Figure 6



V. WIRE ROUTING

1. Follow the routing shown below in Fig.7 & Fig. 8 for the main winch harness and the smaller connector harness.

