

Installation Guide

Date Released:	03/15/2019	Tracking Number:	37200065
Document Revision:	B		
Date Revised:	4/15/19	Written By:	A. Peek
Model/Part No.:	For VOM74MM Rev A thru C Observation Monitors		

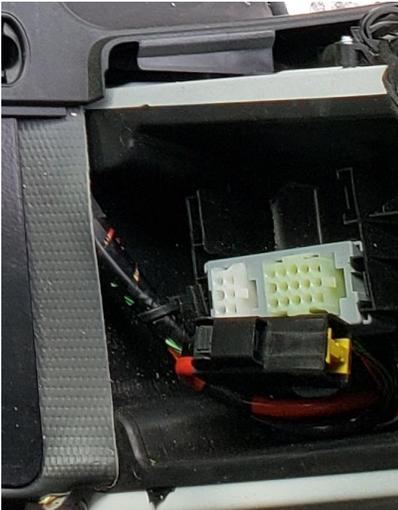
2018 Amazon Promaster Relay Harness Installation Instructions

Pre-installation check:

1. Start vehicle. Monitor should turn ON and show rear camera image. POWER LED should illuminate BLUE.
 - a. If monitor does not show image and POWER LED does not illuminate, check harness for +12V, monitor harness fuse and vehicle circuit fuse.
2. Perform factory reset. Press **MENU** button; Press **DOWN** to highlight **RESET** and then press **SELECT** button.
 1. Put vehicle into REVERSE – monitor should display **CAM1** in top Right corner.
 2. Put vehicle back into PARK. **CAM1** text should disappear after 3 seconds.
 3. Shut vehicle OFF and proceed with harness installation.

Installation:

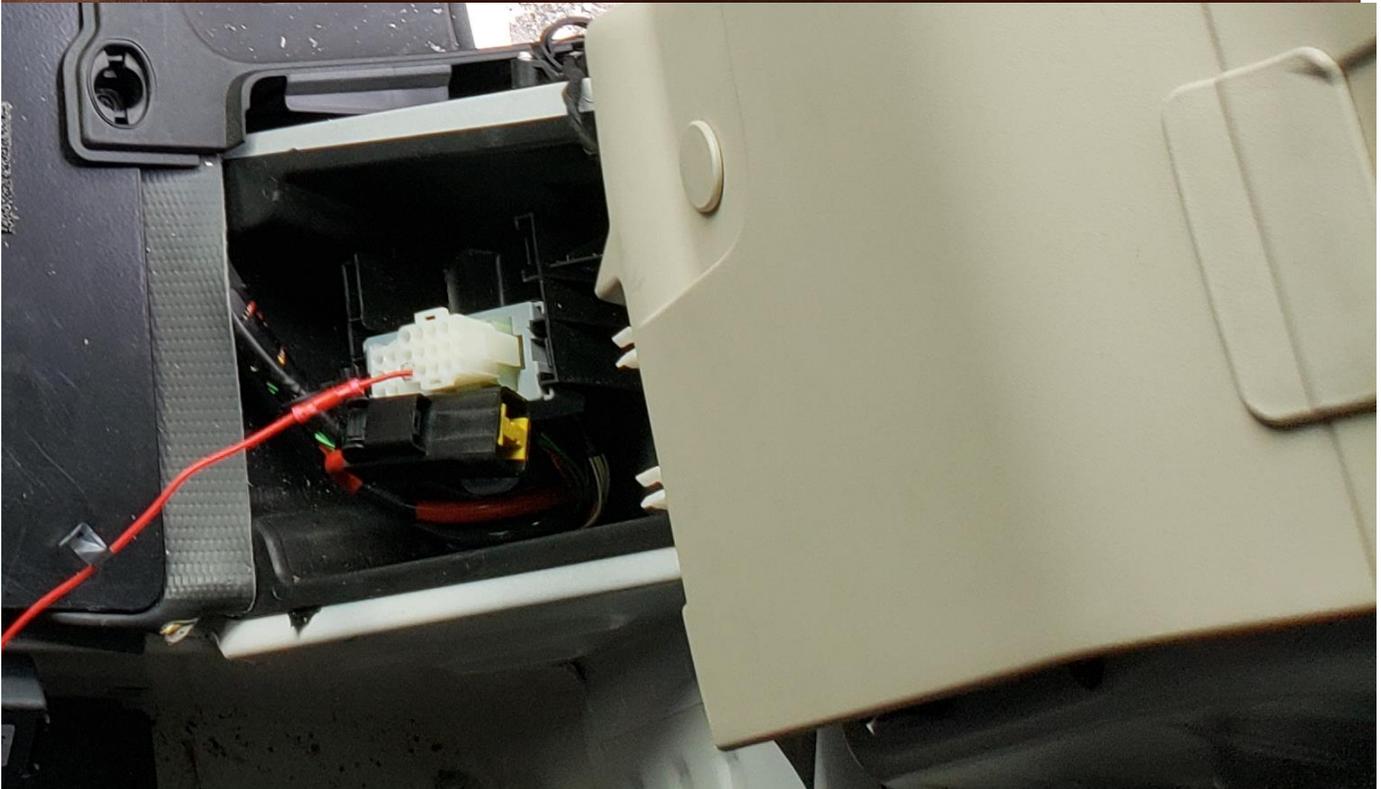
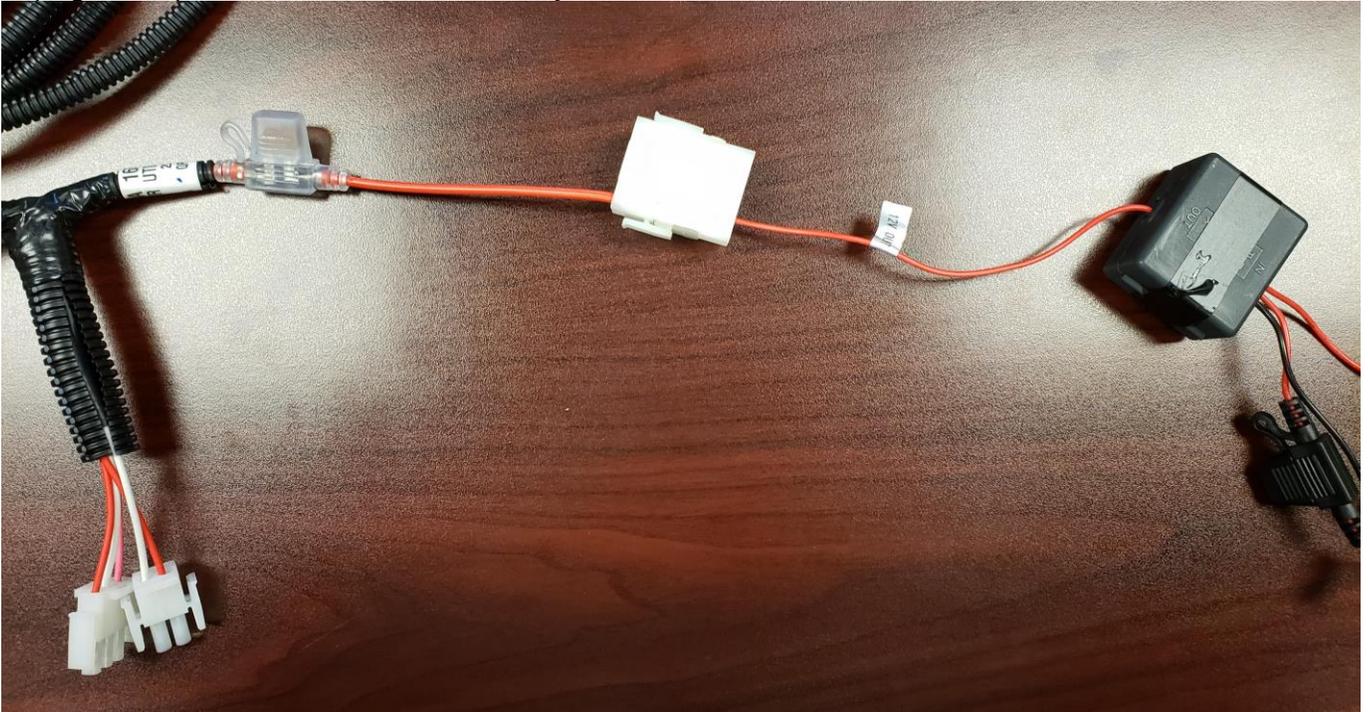
1. Located at the bottom of the B-Pillar is a Panel that when removed will expose the Promaster 15-Pin up-fit Connector. This is where the Monitor receives ACC Power. Shown below is what the 15-Pin Connector looks like:



2. To access this Connector, remove the screws shown below:



3. Unplug the 15-pin connector and insert the relay harness, as shown below:



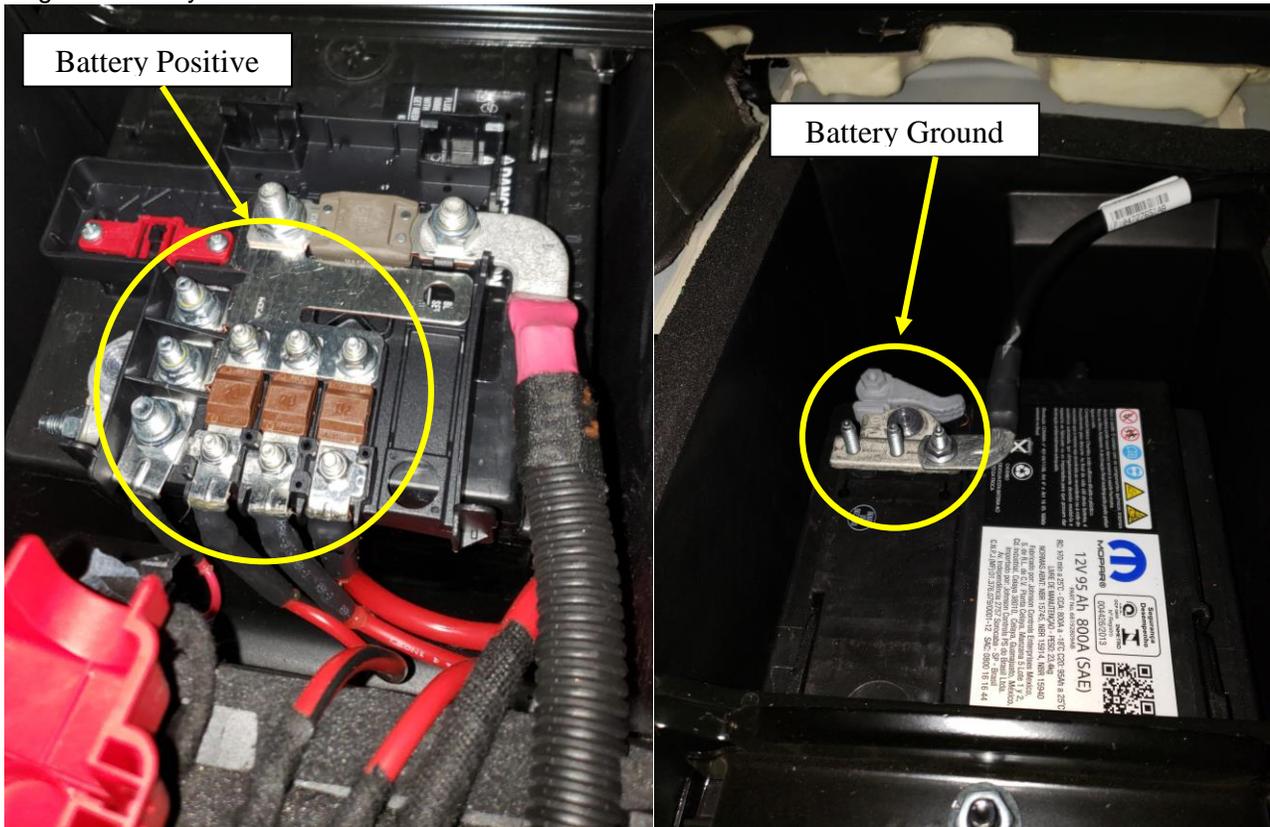
4. Attach the Battery and Ground ring terminals of the relay harness to the Battery Positive Power Terminal and Ground Terminal, respectively. To achieve this, remove the Step Guard via screws; remove caps to access screws;



5. With the Step Guard removed, the Harness that contains the Ring Terminals can be snaked under the floor-mat to reach the Batteries.



6. Then attach the Battery Ring Terminal to a positive battery power terminal and the Ground Ring Terminal to the Negative Battery Terminal.



Post-installation check:

1. Start vehicle. Monitor should turn ON and show rear camera image. POWER LED should illuminate BLUE.
 - a. If monitor does not show image and POWER LED does not illuminate, check harness for +12V, monitor harness fuse and vehicle circuit fuse.
2. Put monitor into STANDBY mode by pressing POWER button. POWER LED should illuminate RED.
3. Put vehicle into REVERSE – monitor should activate and show rear camera. Put vehicle back into PARK. Monitor should go back into STANDBY mode.
4. Press POWER button to turn the monitor ON.
5. Turn vehicle ignition OFF. **Monitor should remain active for approximately 3-5 seconds** and then shut OFF.
 - a. **The delayed shutdown time is critical. If the Monitor shuts down, or the image on the screen goes away immediately after the Monitor is powered OFF, the relay harness should be replaced with another and system re-tested. A short delay of the Monitor staying ON, or the image remaining on the Monitor is what is desired.**