

Installation Guide

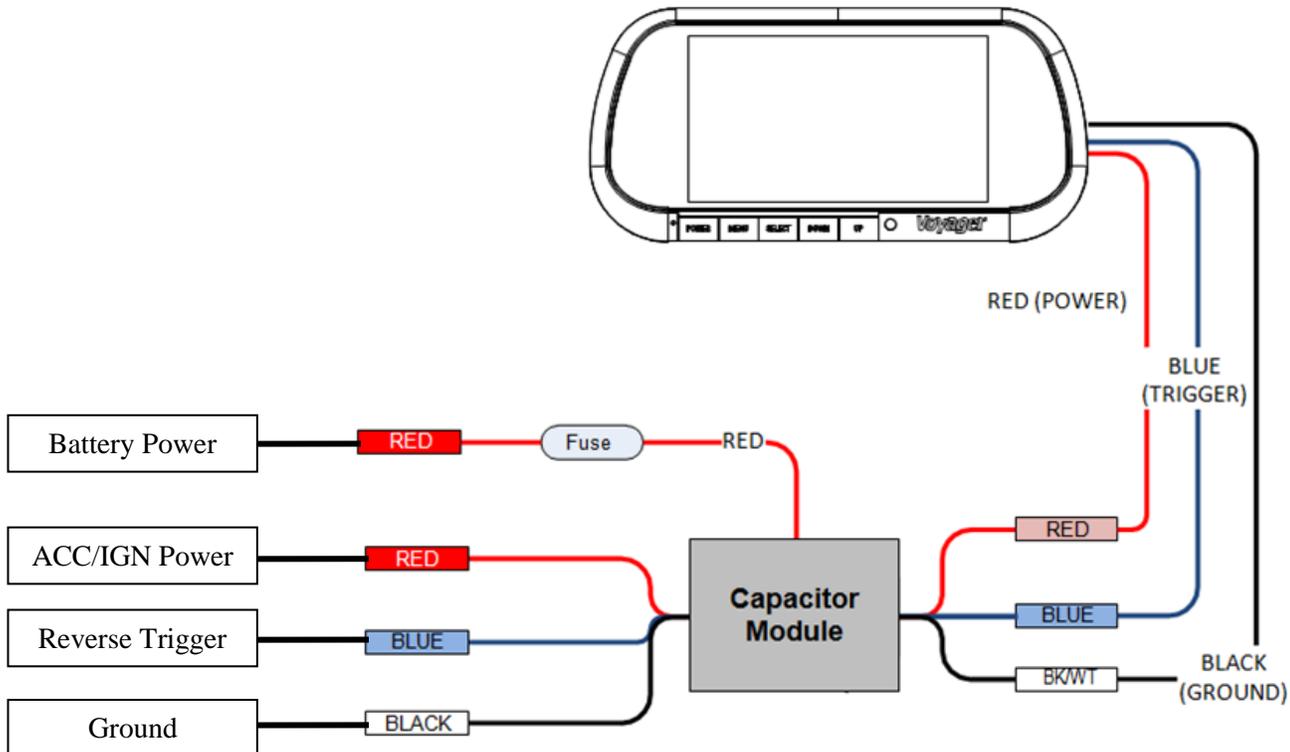
Date Released:	03/15/2019	Tracking Number:	37200069
Document Revision:	C		
Date Revised:	04/15/2019	Written By:	A. Peek
Model/Part No.:	For VOM74MM Rev A thru C Observation Monitors		

Field Fix Generic Kit

Overview: The Field Fix Kit is a device that is added to the Monitor Harness to allow for Constant Power to be achieved during Monitor Boot-up. It is made to be used on the ACC/Ignition Power Wire for the Monitor, but the Generic Kit allows for the Kit to be inserted in the Wiring present on the Monitor Harness. The additional wire labeled Battery requires Battery/Constant Power, which is generally not in the area of the Monitor harness. If this is the case additional wire, ring terminals, and connectors are included in the Kit to allow the end-user to have options on achieving Battery Power depending on their vehicles wiring situation.



Basic Wiring Diagram of Field Fix Kit and Monitor Harness:



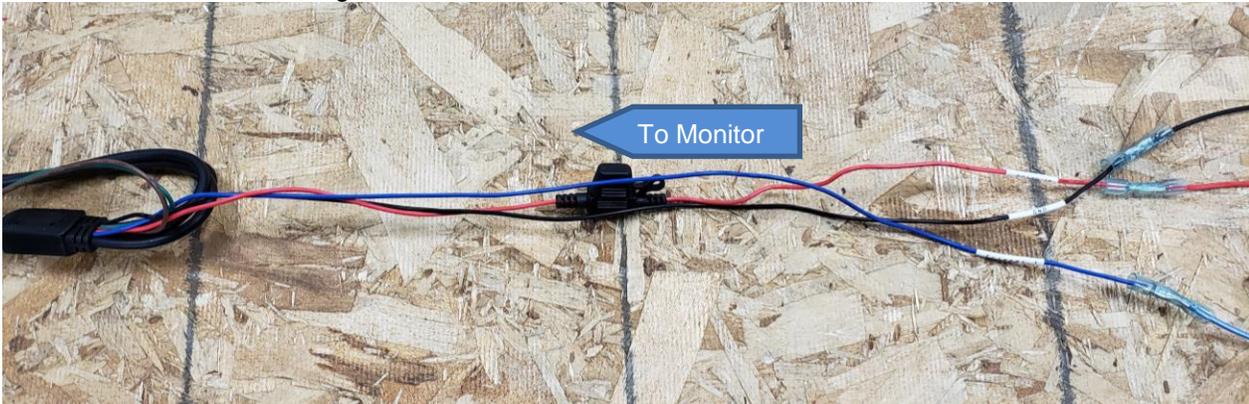
***It should be noted that the Blue Trigger Wire is a 'Pass Through Wire' and is not required for the Field Fix Component. This Pass Through Wire allows for easier insertion of the wiring harness depending on vehicle wiring, otherwise it doesn't need to be used and the present Trigger Wire can be left alone.**

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.

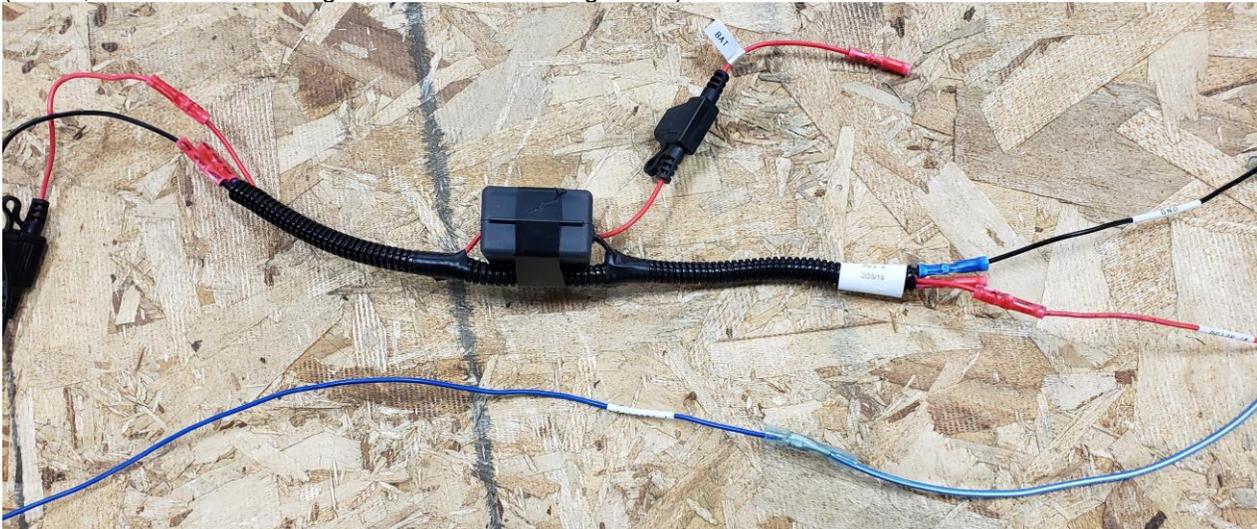
Installation:

1. Locate the VOM74MM Wiring Harness, shown below:



2. Begin to insert Field Fix by cutting into wires and connecting to attached Butt-connectors, as show below:

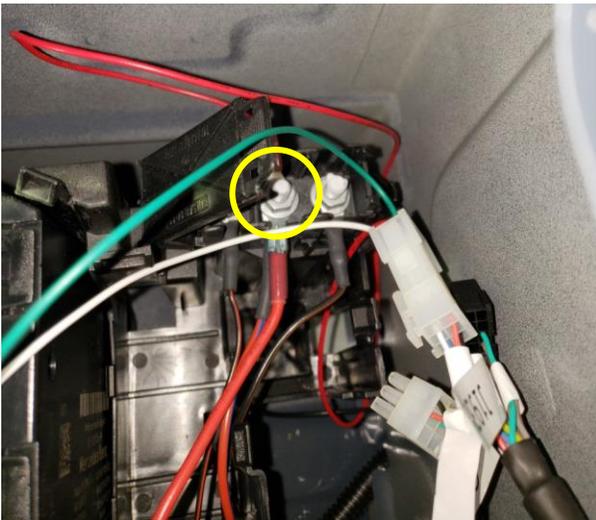
(Below, this shows not using the Blue Pass Through Wire)



(Below, this shows using the Blue Pass Through Wire)



3. The Battery Wire then needs to be attached to a Battery/Constant Battery source. This could be achieved by attaching a ring terminal to a Battery Terminal at the Battery location or splicing into a Battery Wire with a Butt-connector.



4. If the only Battery/Constant Power location available is at the Fuse Box, an Add-a-Fuse Circuit can be used (example shown below). However, it should be noted that an Add-a-Fuse Circuit is **not included**.



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.**