














## BRANDMOTION FVMR-1160 FullVUE Cargo Camera Mirror System Instruction Manual

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FullVUE® Cargo Camera  
Mirror System  
FVMR-1160



Recommended Tools				Difficulty Level
 Wrench	 Wire Strippers	 Wire Cutters	 Electrical Tape	
 Screw Driver	 Panel Removal Tool	 Zip Ties	 Socket Set	
				Install Time
				 1hr 30m - 2hr
Questions? Call the Brandmotion technical support line at (734) 619-1250 or <a href="#">CLICK HERE</a>				

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## Kit Contents

### Recommended Tools




Components for installing the FVMR-1160



### Kit Contents:

1x Video Mirror
3x 15m 4-Pin Video Harness
1x 5m 4-Pin Video Harness
1x Power Harness
1x Windshield mirror mount
1x Infrared Dome Camera
1x Infrared Rear Vision Camera

## Installation of the Video Mirror

Part 1	Attaching the Transparent Trailer Mirror to the windshield
<p>1. Remove the mirror from the protective sleeve and ensure that the mirror and mounting arm are oriented as illustrated.</p> <p>2. Remove the old mirror from the mount on the windshield as per the manufacturer's directions. Be sure to use the proper removal tool if required.</p> <p>3. Install the new mirror on to D-tab and tighten with a Phillips screw driver. Please call our offices and select option one if your mirror mount does not look like the illustration.</p> <p> <b>CAUTION</b> Take care not to overtighten. Overtightening could result in damage to your windshield.</p>	 

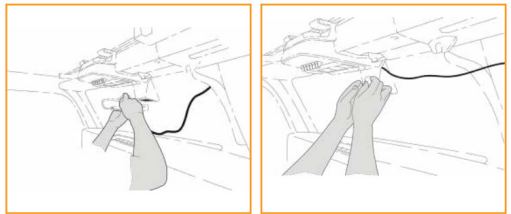
Part 2	Powering the Transparent Trailer Mirror
<p>1. Connect the power harness to the plug on the mirror. Route the harness across the headliner, down the A-pillar, and to the desired location in the kick panel.</p> <p>2. Ensure that the harness will not be pinched when trim panels are replaced.</p>	

## Installation of the Transparent Trailer Mirror




Part 3	Wiring the Transparent Trailer Mirror
<ol style="list-style-type: none"> <li>1. Connect the RED wire from the mirror harness to 12-volt accessory power.</li> <li>2. Connect the BLACK wire to solid ground. Chassis ground in the kick panel is recommended.</li> <li>3. The GREEN wire is not used for this application</li> </ol>	


**⚠ CAUTION**

If your installation includes a secondary camera on the vehicle, we recommend labeling the display side of the harness to be sure that it gets plugged into the desired channel.


Part 4	Function test of the Transparent Trailer Mirror
<ol style="list-style-type: none"> <li>1. Connect the rear camera directly to AV2 on the mirror harness</li> <li>2. Test mirror and camera by turning on ignition power. You can also plug a camera directly into the mirror if you want to test both channels with video before proceeding.</li> </ol>	

## Installation of the Cameras

Part 1	Attaching the Rear Trailer Camera
<ol style="list-style-type: none"> <li>1. Remove the 4 Allen screws that are located on the sides of the camera. Then remove the camera mounting bracket and visor.</li> <li>2. Find an appropriate place to mount the backup camera. Line up the foot bracket to ensure that there is enough space to attach the camera to the body.</li> <li>3. Attach the mounting foot using either self-tapping screws or a bolt and nut.</li> <li>4. Use a 1" hole saw to drill a hole for the camera harness.</li> <li>5. Feed the harness through the drilled hole, fit the grommet to the inside of the hole. Depending on the installation, the grommet may not be watertight. Use of silicone or other sealing agents is always recommended.</li> <li>6. Reattach the camera and visor to the mounting bracket.</li> </ol> <p><b>CAUTION</b></p> <p>Make sure the camera is oriented UP by seeing the light sensor on the left side of the camera when looking at it.</p> <ol style="list-style-type: none"> <li>7. Run the supplied camera harness to the front of the vehicle where the mirror is installed and connect to the open connector on the mirror harness</li> </ol>	  

Part 2	Installing the Dome Camera
<ol style="list-style-type: none"> <li>1. Find a suitable location for the cargo camera on the vehicle. It may be best to check the camera visibility in the desired location before moving on to the next steps.</li> </ol> <p><b>CAUTION</b></p> <p>The dome Camera is not rated for outdoor installation. Do not install the camera where it can be impacted by weather.</p>	

## Installation of the Rear Trailer Camera

Part 2	Vehicle Installation
<p>2. Unscrew the retaining ring from the camera housing, then mount the plate to the desired location</p> <p>3. Reassemble the camera housing with the camera oriented in the desired position.</p> <p>4. Connect to the V1 connector on the mirror harness.</p> <p>5. Check the mirror to confirm a good image</p>	

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**Installation Instructions -FVMR-1160**

**Documents / Resources**

	<p><a href="#"><b>BRANDMOTION FVMR-1160 FullVUE Cargo Camera Mirror System</b></a> [pdf] Instruction Manual</p> <p>FVMR-1160, FullVUE Cargo Camera Mirror System, FVMR-1160 FullVUE Cargo Camera Mirror System</p>
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