

CAM-GM51

Reverse Camera Retention Harness
for Select 2014 - 2017 General Motors Vehicles

Introduction and Features

The CAM-GM51 is a plug and play reverse camera retention harness that gives the ability to retain the factory camera when replacing the factory radio.

Installation Notes

1. The CAM-GM51 harness works on vehicles with the IO4, IO5 and IO6 RPO coded factory audio systems. The RPO codes can normally be found by looking at the sticker in the glove box or in the trunk under the spare tire cover panel. On 2018+ vehicles it may be necessary to scan a QR code with your phone or tablet to view the vehicles RPO codes.
2. The CAM-GM51 harness connects at the Human Machine Interface Control Module (HMICM) not at the radio. The HMICM is normally found either behind the glove box in trucks and SUVs, or high in the passenger side kick panel area. The HMICM will have the USB and LVDS cables connected to it. The HMICM will look like the pictures below.
3. The factory reverse camera is powered by the vehicle and not the HMICM. The camera will continue to be powered even when disconnected from the HMICM, so no additional wiring is required to supply the camera with power.



Installation Steps

1. Verify that the system has an IO4, IO5 or IO6 RPO code. If so then locate the HMICM in the vehicle. This will normally be found behind the glove box in trucks and SUVs, or high in the passenger kick panel in cars.
2. Disconnect the Gray 12-pin connector from the HMICM and connect it to the CAM-GM51
3. Route the Yellow RCA labeled "Camera" up and into the radio cavity in the dash, and connect it to the camera input on the back of the aftermarket radio.

Illustration / Schematic

