

## PAC RP5-GM52-HAR

# PAC RP5-GM52-HAR RadioPRO Harness Instruction Manual

**MODEL: RP5-GM52-HAR**

**Brand: PAC**

## 1. INTRODUCTION

The PAC RP5-GM52-HAR is a specialized replacement harness designed for use with the PAC RP5-GM51 interface (sold separately). This harness facilitates the installation of an aftermarket radio in specific General Motors trucks, while retaining essential factory features. It is engineered for compatibility with 2016-2019 GM trucks equipped with a 7-inch radio display, including models such as the GMC Sierra and Chevrolet Silverado.

## 2. SETUP AND INSTALLATION

### 2.1 Compatibility

- Designed for 2016-2019 General Motors trucks.
- Requires a 7-inch factory radio display.
- Compatible with models including GMC Sierra and Chevrolet Silverado.
- Requires the PAC RP5-GM51 interface (sold separately).

### 2.2 Package Contents

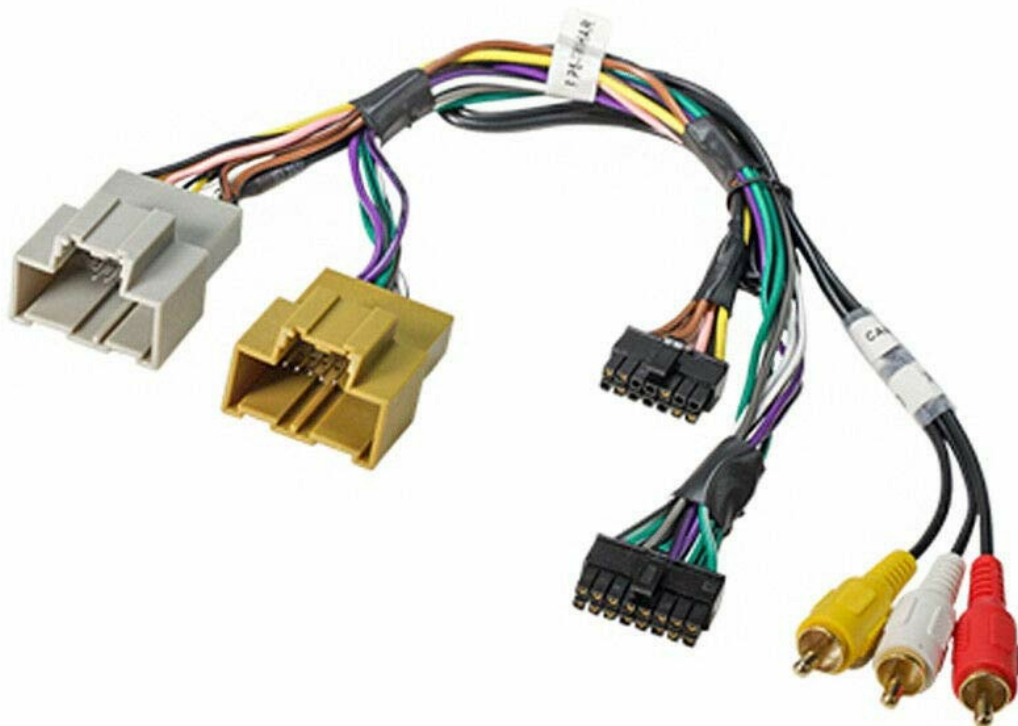
- PAC RP5-GM52-HAR RadioPRO Harness

### 2.3 Installation Steps

This harness is a quick-connect component intended to replace or supplement the harness included with the PAC RP5-GM51 interface. For detailed installation instructions, refer to the comprehensive manual provided with your PAC RP5-GM51 interface. The general procedure involves:

1. Ensure the vehicle's battery is disconnected before beginning installation.

2. Remove the factory radio from the dashboard.
3. Connect the RP5-GM52-HAR harness to the PAC RP5-GM51 interface and the vehicle's factory wiring.
4. Connect the aftermarket radio to the RP5-GM51 interface via the harness.
5. Secure all connections and ensure proper routing of wires to prevent pinching or damage.
6. Reconnect the vehicle's battery and test all functions.



**Figure 1:** The PAC RP5-GM52-HAR RadioPRO Harness. This image displays the harness featuring multiple wiring bundles terminating in different types of connectors, including two large gray and brown automotive connectors, several smaller multi-pin connectors, and three RCA plugs (yellow, white, red) for audio/video connections. The wires are color-coded and bundled together, indicating a complex wiring interface for vehicle integration.

### 3. OPERATION

The RP5-GM52-HAR harness, in conjunction with the RP5-GM51 interface, enables the seamless integration of an aftermarket radio while preserving critical factory functionalities. The harness itself does not have operational controls but facilitates the communication between the vehicle's systems and the new radio.

Key factory features retained include:

- OnStar Telematics system
- Factory WiFi system
- Front and rear park assist
- All warning chimes (chime module included with RP5-GM51)
- OEM Auxiliary Input
- Original steering wheel control functions
- Data controlled RAP (Retained Accessory Power) accessory output

Additionally, the harness provides data-controlled outputs for connection to navigation radios, including speed, reverse, and E-brake status output wires. The vehicle's data-bus remains intact for service and diagnostics.

## 4. MAINTENANCE

The RP5-GM52-HAR harness is designed for durability and requires minimal maintenance. To ensure optimal performance and longevity:

- Periodically inspect all connections to ensure they remain secure and free from corrosion.
- Avoid exposing the harness to excessive moisture or extreme temperatures.
- Do not apply excessive force when connecting or disconnecting the harness.
- Clean any dust or debris from the connectors using a dry, lint-free cloth.

The RP5-GM51 interface, which this harness connects to, is updatable using a PAC-UP USB adapter. Refer to the RP5-GM51 manual for instructions on firmware updates.

## 5. TROUBLESHOOTING

If you encounter issues after installing the RP5-GM52-HAR harness, consider the following troubleshooting steps:

- **No Power to Aftermarket Radio:** Verify all power connections are secure. Ensure the RP5-GM51 interface is correctly powered and functioning. Check vehicle fuses.
- **No Sound:** Confirm all speaker connections are correctly wired. Check the aftermarket radio's settings and ensure the RP5-GM51 is properly configured for audio output.
- **Factory Features Not Retained (e.g., Steering Wheel Controls, OnStar):** Double-check all connections between the RP5-GM52-HAR, RP5-GM51, and the vehicle's factory wiring. Ensure the RP5-GM51 has been programmed correctly for your specific vehicle. Refer to the RP5-GM51 manual for programming details.
- **Intermittent Functionality:** Inspect all connections for looseness or damage. Ensure wires are not pinched or shorting.
- **Compatibility Issues:** Confirm your vehicle year, make, model, and factory radio display size (7-inch) are compatible as specified.

For persistent issues, consult the detailed troubleshooting guide in the PAC RP5-GM51 instruction manual or contact PAC customer support.

## 6. SPECIFICATIONS

Model	RP5-GM52-HAR
Brand	PAC

<b>Manufacturer</b>	PAC
<b>ASIN</b>	B01LZSVCUD
<b>Material</b>	Rubber
<b>Connector Type</b>	Usb, Auxiliary
<b>Package Dimensions</b>	8.27 x 8.19 x 1.26 inches
<b>Item Weight</b>	3.84 ounces
<b>Date First Available</b>	September 17, 2019

## 7. WARRANTY INFORMATION

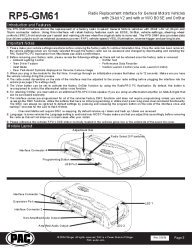
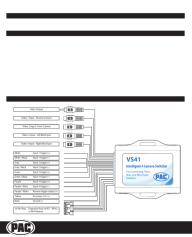
Warranty coverage for the PAC RP5-GM52-HAR harness is typically provided by the manufacturer, PAC. Specific warranty terms, conditions, and duration are usually included with the main PAC RP5-GM51 interface or can be found on the official PAC website. Please retain your proof of purchase for any warranty claims.

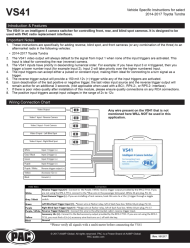

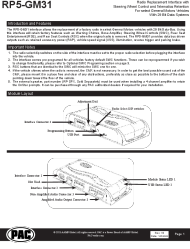
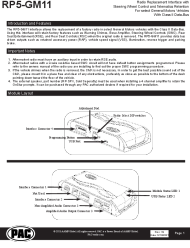
## 8. SUPPORT

For technical assistance, installation questions, or further support regarding your PAC RP5-GM52-HAR RadioPRO Harness, please contact PAC customer support. You can typically find contact information on the PAC website or in the documentation accompanying your PAC RP5-GM51 interface.

*Note: Always refer to the most current documentation and support resources provided by PAC for the most accurate and up-to-date information.*

### Related Documents - RP5-GM52-HAR

	<p><a href="#">PAC RP5-GM61 Radio Replacement Interface Installation and Programming Guide</a></p> <p>Comprehensive guide for installing and programming the PAC RP5-GM61 Radio Replacement Interface for General Motors vehicles, retaining factory features like SWC, OnStar, and chimes.</p>
	<p><a href="#">PAC VS41 Intelligent 4 Camera Switcher: Installation and Features Guide</a></p> <p>Comprehensive guide for the PAC VS41 Intelligent 4 Camera Switcher, detailing its features, wiring connections, vehicle-specific installation instructions for various GM, Nissan, and Toyota models, and a technical bulletin addressing blind spot camera false triggering.</p>

	<p><a href="#">PAC VS41 Intelligent 4-Camera Switcher Installation Guide</a></p> <p>Discover the PAC VS41, an intelligent 4-camera switcher that enhances vehicle safety by integrating front, rear, and blind spot cameras with aftermarket radios. This guide details installation for select Toyota, Nissan, Chevrolet, and GMC vehicles, including wiring and compatibility information.</p>
	<p><a href="#">PAC RP5-GM41 Radio Replacement and Steering Wheel Control Interface Installation Guide</a></p> <p>Detailed installation guide for the PAC RP5-GM41 interface, enabling radio replacement and retention of factory features like OnStar and steering wheel controls in General Motors vehicles. Includes wiring diagrams, programming instructions, and a technical bulletin for accessory power issues.</p>
	<p><a href="#">RP5-GM31 PAC Radio Replacement Interface Installation and Programming Guide</a></p> <p>Detailed installation, programming, and troubleshooting guide for the PAC RP5-GM31 radio replacement interface, designed for select General Motors vehicles. Retains factory features like SWC, OnStar, and Bose amplifier.</p>
	<p><a href="#">PAC RP5-GM11 Radio Replacement Interface Installation Guide</a></p> <p>Installation guide for the PAC RP5-GM11 Radio Replacement Interface, detailing features, installation steps, SWC programming, and testing for select General Motors vehicles.</p>