

Axxess AXBUCH-GM29

Axxess AXBUCH-GM29 Backup Camera Retention Harness User Manual

Model: AXBUCH-GM29

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Axxess AXBUCH-GM29 Backup Camera Retention Harness. This product is designed to integrate your vehicle's factory backup camera with an aftermarket radio system, ensuring continued functionality of the safety camera feature.

Please read this manual thoroughly before installation to ensure proper setup and to prevent damage to the product or your vehicle.

2. PRODUCT OVERVIEW

The Axxess AXBUCH-GM29 is a specialized wiring harness that facilitates the retention of a factory-installed backup camera when upgrading to an aftermarket head unit in compatible GM vehicles. It provides the necessary connections to route the video signal from the OEM camera to the new radio's video input.

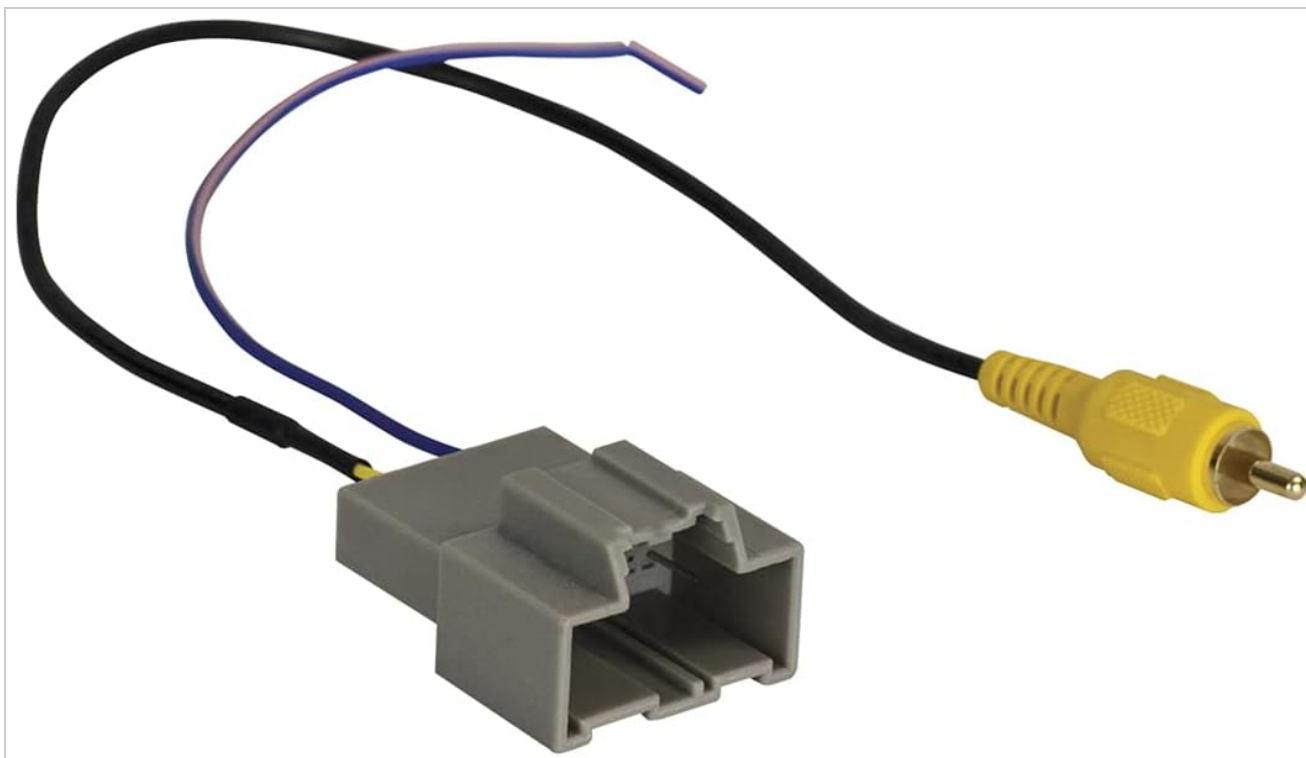


Image showing the Axxess AXBUCH-GM29 backup camera retention harness, featuring a gray multi-pin connector, a yellow RCA connector, and two wires (black and blue/purple) connecting them. This harness is designed to connect a factory backup camera to an aftermarket radio.

3. COMPATIBILITY

This harness is compatible with a wide array of GM LAN29 vehicles manufactured between 2006 and 2017. Specific compatible vehicle brands include:

- Buick
- Cadillac
- Chevrolet
- GMC
- Hummer
- Pontiac
- Saturn
- Suzuki

Important Note: The factory camera must display its image onto the original radio screen, not the rearview mirror, for this harness to function correctly.

4. PACKAGE CONTENTS

Upon unpacking, please ensure all items are present and undamaged:

- Axxess AXBUCH-GM29 Backup Camera Retention Harness
- User Manual (this document)

5. SETUP (INSTALLATION)

Installation of the AXBUCH-GM29 harness requires basic knowledge of car audio wiring and vehicle disassembly. If you are unfamiliar with these procedures, professional installation is recommended.

Safety Precautions:

- Disconnect the vehicle's negative battery terminal before beginning any electrical work.
- Ensure all connections are secure to prevent short circuits.
- Refer to your vehicle's service manual for specific dashboard removal instructions.

Installation Steps:

1. **Access the Factory Radio:** Carefully remove the trim panels and fasteners necessary to access and remove the factory radio from the dashboard.
2. **Locate Factory Camera Connection:** Identify the factory wiring harness that connects to the original radio and carries the backup camera signal. This harness will typically have a multi-pin connector.
3. **Connect the AXBUCH-GM29:** Plug the gray multi-pin connector of the AXBUCH-GM29 harness into the corresponding factory camera harness connection.
4. **Connect to Aftermarket Radio:** Connect the yellow RCA connector from the AXBUCH-GM29 harness to the backup camera video input (usually labeled 'Camera In' or 'Reverse Video In') on your aftermarket radio.
5. **Connect Power/Trigger (if applicable):** The harness includes a blue/purple wire. This wire typically provides a 12V output when the vehicle is in reverse, which can be used to trigger the aftermarket radio's camera input. Connect this wire to the reverse trigger input of your aftermarket radio, if required by the radio's installation instructions.
6. **Test Functionality:** Before reassembling the dashboard, reconnect the vehicle's battery and test the backup camera functionality with the new aftermarket radio. Ensure the camera image appears clearly when the vehicle is shifted into reverse.
7. **Reassemble:** Once confirmed operational, carefully reassemble the dashboard and secure all components.

6. OPERATING

Once correctly installed, the Axxess AXBUCH-GM29 harness operates automatically. When the vehicle is shifted into reverse, the aftermarket radio should automatically display the image from the factory backup camera, provided the radio is properly configured for camera input.

Refer to your aftermarket radio's user manual for specific instructions on how to access and configure its backup camera settings.

7. MAINTENANCE

The Axxess AXBUCH-GM29 Backup Camera Retention Harness is designed for long-term reliability and requires minimal maintenance. Ensure all connections remain secure and free from moisture or excessive vibration. No user-serviceable parts are contained within the harness.

8. TROUBLESHOOTING

If you encounter issues after installing the AXBUCH-GM29 harness, consider the following troubleshooting steps:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
No camera image on aftermarket radio.	<ul style="list-style-type: none"> • Incorrect connection of RCA cable. • Reverse trigger wire not connected or faulty. • Aftermarket radio not configured for camera input. • Factory camera displays to mirror, not radio. • Faulty factory camera or wiring. 	<ul style="list-style-type: none"> • Verify the yellow RCA connector is securely plugged into the radio's camera input. • Ensure the blue/purple reverse trigger wire is correctly connected to the radio's reverse input. • Check your aftermarket radio's settings to ensure the camera input is enabled and configured correctly. • Confirm your vehicle's factory camera originally displayed to the radio. This harness is not compatible if it displayed to the mirror. • Test the factory camera with the original radio if possible, or consult a professional.
Image is distorted or poor quality.	<ul style="list-style-type: none"> • Loose connection. • Electrical interference. • Faulty camera or radio. 	<ul style="list-style-type: none"> • Check all connections for tightness. • Ensure wiring is routed away from high-current electrical components. • Test with another video source if possible, or consult a professional.

If these steps do not resolve the issue, please contact Axxess technical support or a qualified car audio installer.

9. SPECIFICATIONS

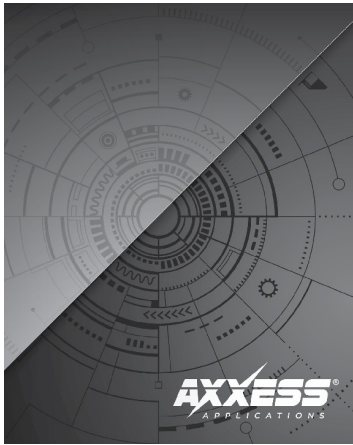
Feature	Specification
Model Number	AXBUCH-GM29
Brand	Axxess
Material	Copper
Dimensions (L x W x H)	6 x 3 x 1 inches (approximate)
Item Weight	0.739 ounces (0.02 Kilograms)
Connector Type	Proprietary multi-pin to RCA
UPC	086429384761
Color	Standard

10. WARRANTY AND SUPPORT

For warranty information and technical support regarding your Axxess AXBUCH-GM29 Backup Camera Retention Harness, please refer to the manufacturer's official website or contact their customer service department directly. Keep your proof of purchase for warranty claims.

Related Documents - AXBUCH-GM29

	<p>Axxess AXBUCH6V-HK1: Hyundai/Kia 2014-2017 Backup Camera Interface Installation Guide</p> <p>This guide provides installation instructions for the Axxess AXBUCH6V-HK1 interface, designed for select 2014-2017 Hyundai and Kia vehicles equipped with navigation systems, enabling the retention or addition of backup cameras.</p>
	<p>Axxess BACKUPCAM-3 Installation Instructions for GM Vehicles 2014-up</p> <p>Detailed installation guide for the Axxess BACKUPCAM-3, enabling retention of factory backup cameras in 2014 and newer Chevrolet and GMC vehicles with aftermarket radios.</p>
	<p>Axxess AXHN-2 Installation Instructions for Honda LaneWatch Camera Retention</p> <p>Detailed installation guide for the Axxess AXHN-2 interface, enabling Honda LaneWatch camera retention in 2014-2017 Civic, CR-V, and FIT models. Includes wiring, programming, and configuration steps.</p>
	<p>Axxess AXTO-MI1 Mitsubishi Amplifier Interface Installation Instructions</p> <p>Detailed installation instructions for the Axxess AXTO-MI1 amplifier interface, designed for 2006-2012 Mitsubishi Eclipse, Endeavour, and Galant models. Learn how to connect the interface to retain factory amplifier functions, including balance, fade, and multimedia outputs.</p>
	<p>AXXESS AXTO-MI3 Mitsubishi Amplifier Interface Installation Guide</p> <p>Comprehensive installation guide for the AXXESS AXTO-MI3 amplifier interface, compatible with 2014-2019 Mitsubishi Lancer and Outlander models. Covers wiring, installation, programming, and audio adjustments.</p>
	<p>AXXESS AXTC-BM1 Installation Instructions: BMW/Mini SWC Interface</p> <p>Comprehensive installation instructions for the AXXESS AXTC-BM1 Steering Wheel Control (SWC) and Data Interface, compatible with select BMW and Mini models from 2006-2012. Includes features, applications, connections, programming, and troubleshooting.</p>



[Axxess Vehicle Compatibility & Application Guide](#)

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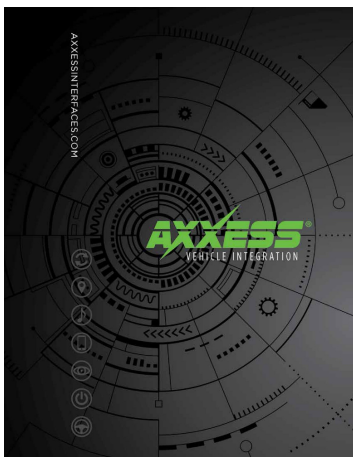
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[Axxess Vehicle Integration Solutions Catalog - Enhance Your Car Audio System](#)

Explore Axxess's comprehensive catalog of automotive integration products, including Digital Signal Processors (DSP), radio replacement interfaces, steering wheel control modules, and accessories for seamless car audio system upgrades.

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[Axxess Automotive Integration Products Catalog & Guide](#)

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