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Scosche VW3A4B

Scosche VW3A4B Wire Harness and Antenna Adapter Bundle User Manual

Model: VW3A4B

1. Introduction

This manual provides instructions for the installation and use of the Scosche VW3A4B Wire Harness and Antenna Adapter Bundle. This product is designed to facilitate the upgrade of a factory radio to an aftermarket car stereo in compatible vehicles.

The bundle includes a wiring harness and an antenna adapter, ensuring a direct connection to your vehicle's factory wiring without the need for cutting or splicing original wires.

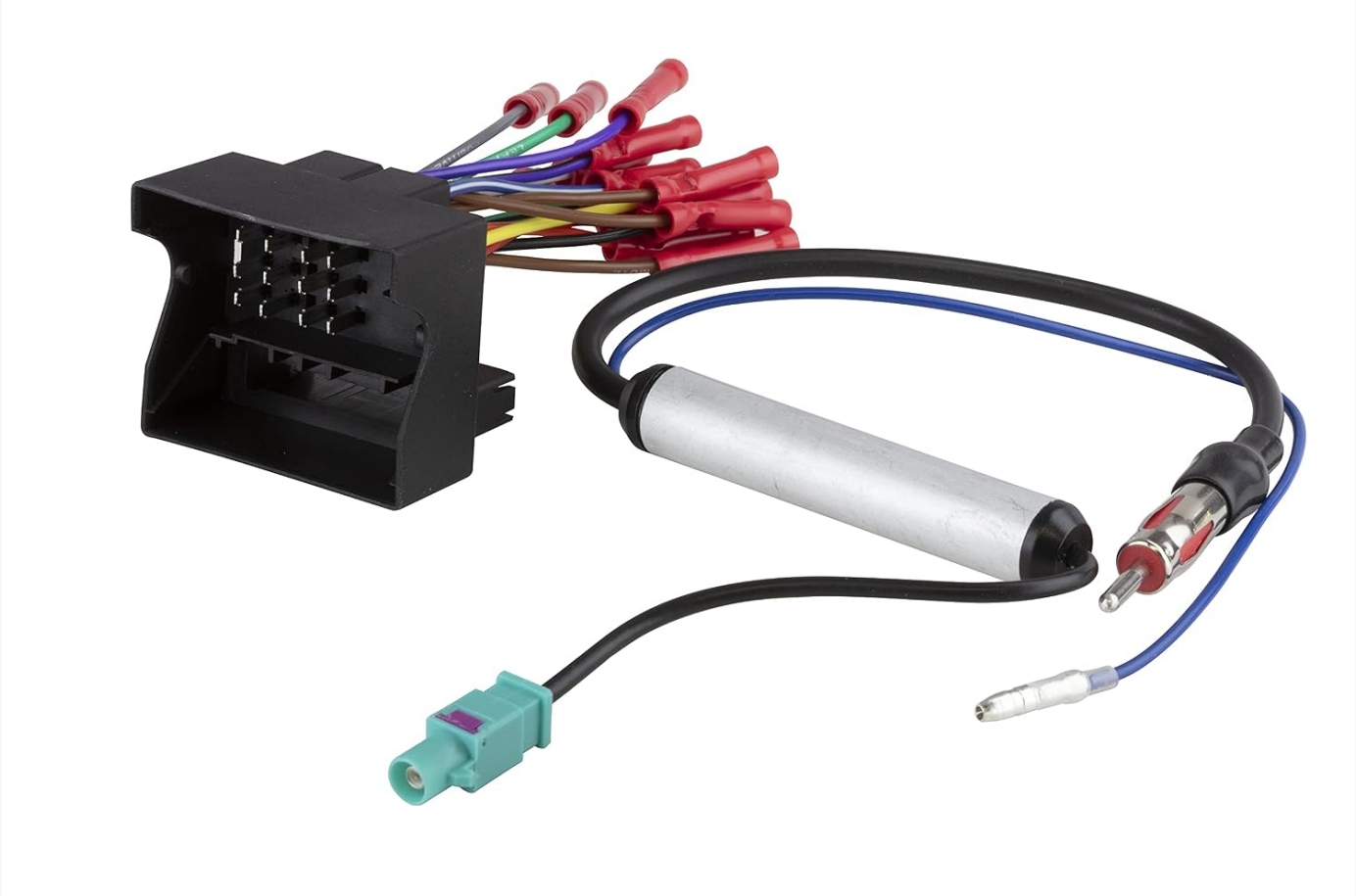


Image 1.1: The Scosche VW3A4B Wire Harness and Antenna Adapter Bundle, showing the main wiring harness with multiple color-coded wires and the antenna adapter with a silver cylindrical component.

2. Safety Information

Always disconnect the vehicle's battery before performing any electrical work to prevent short circuits and potential damage to the vehicle's electrical system or personal injury. Ensure all connections are secure and properly insulated. If you are unsure about any step, consult a professional automotive technician.

3. Package Contents

The Scosche VW3A4B bundle includes the following components:

- One (1) Aftermarket Radio Wiring Harness
- One (1) Antenna Adapter (Aftermarket Antenna Male to Factory Radio Female)

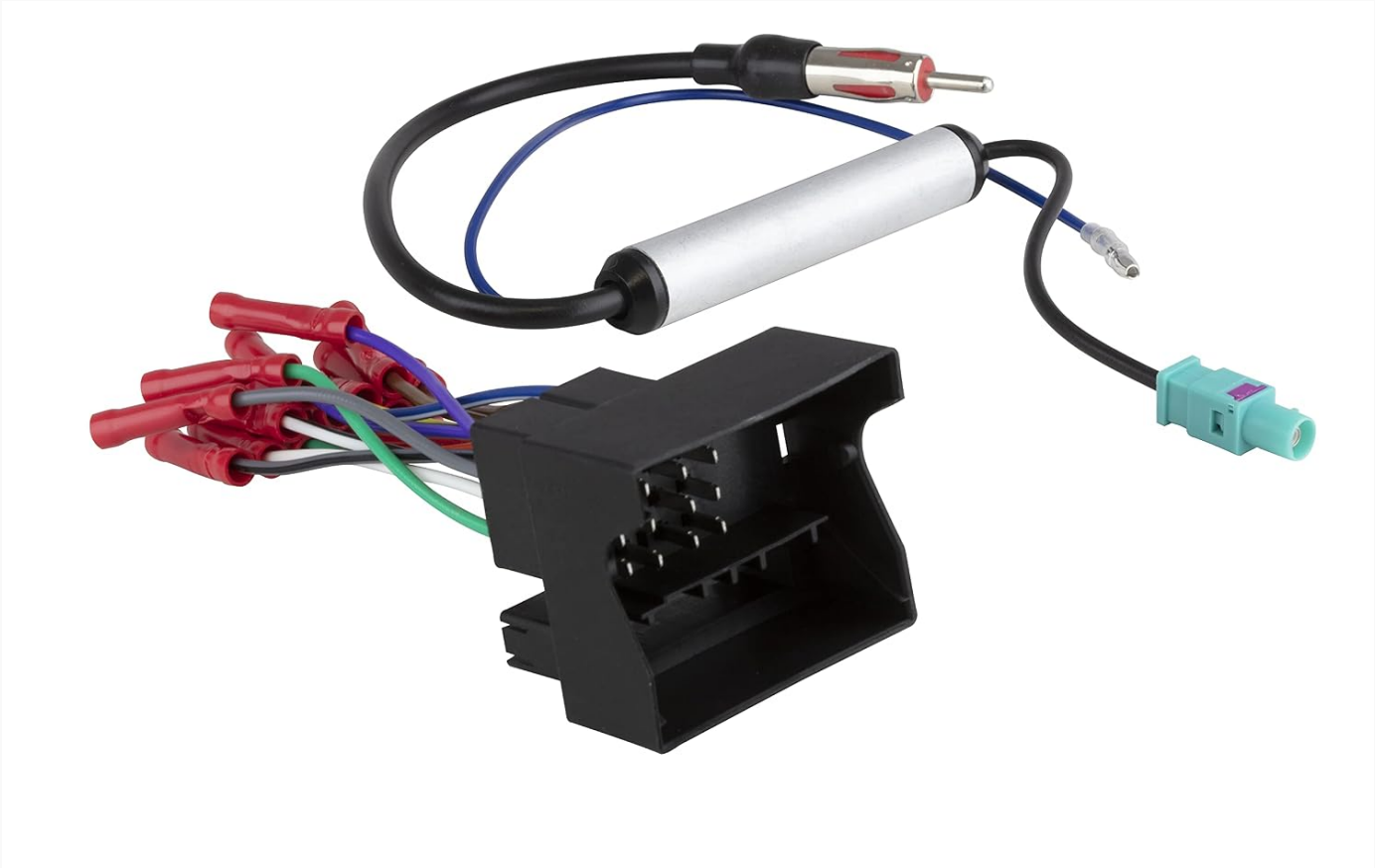


Image 3.1: A view of the Scosche VW3A4B bundle, highlighting the separate wiring harness and antenna adapter components.

4. Compatibility

This wire harness and antenna adapter bundle is compatible with select Volkswagen, BMW, Audi, and Mercedes vehicles. It is crucial to verify your vehicle's specific make, model, and year against the compatibility list before installation.
Important Note:

- The wire harness is **ONLY** compatible with non-amplified factory audio systems.
- Always confirm your vehicle's factory system type before proceeding with installation.

Known compatible vehicles include:

- Mercedes-Benz C Class: 2005 to 2007
- Volkswagen Touareg: 2003 to 2010

- Other select 2002-Up VW, BMW, and Audi vehicles (refer to manufacturer's fit guide for full list).

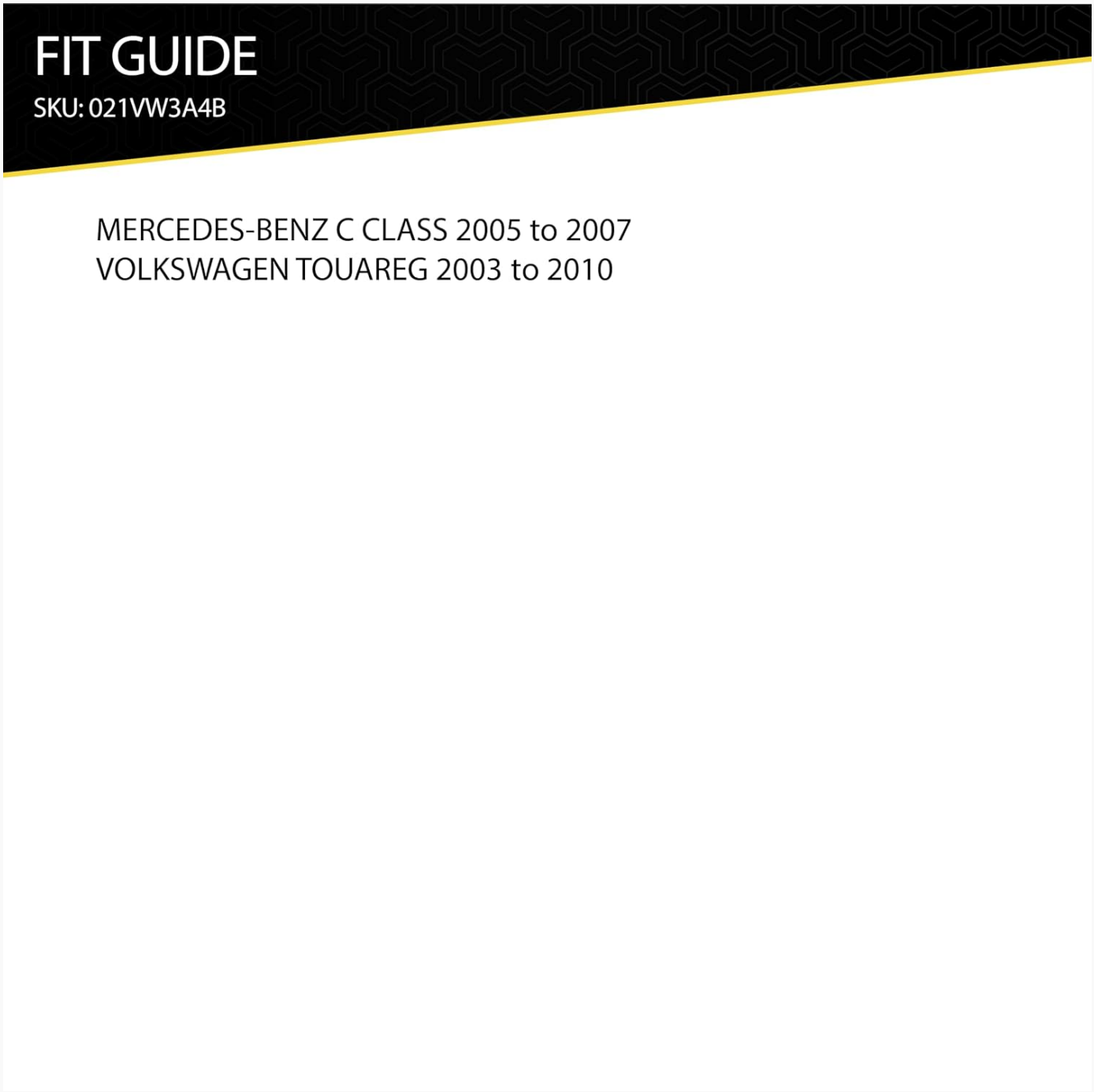


Image 4.1: Fit Guide for Scosche VW3A4B, listing compatible Mercedes-Benz C Class (2005-2007) and Volkswagen Touareg (2003-2010) models.

5. Setup and Installation

Follow these general steps for installing the Scosche VW3A4B bundle. Always refer to your aftermarket stereo's installation manual and your vehicle's service manual for specific instructions.

1. **Disconnect Battery:** Before starting, disconnect the negative terminal of your vehicle's battery to prevent electrical shorts.
2. **Remove Factory Radio:** Carefully remove your vehicle's factory radio. This typically involves removing trim panels and unscrewing the radio unit.
3. **Identify Factory Harnesses:** Locate the factory wiring harness and antenna cable connected to your original radio.
4. **Connect Wiring Harness:**
   The Scosche wiring harness features color-coded wires that meet EIA industry standards, simplifying connection to

your aftermarket stereo's wiring. The harness is pre-terminated with butt connectors to save installation time.



Image 5.1: Close-up view of the Scosche VW3A4B wiring harness connector, showing the multi-pin plug designed to connect directly to the vehicle's factory harness.

- Match the color-coded wires from the Scosche harness to the corresponding wires on your aftermarket stereo's harness.
- Securely connect these wires using crimp connectors, solder, or other appropriate methods.
- Plug the Scosche wiring harness directly into your vehicle's factory wiring harness. This provides a direct connection without cutting any factory wires.

5. **Connect Antenna Adapter:**
   The antenna adapter converts the vehicle's proprietary factory antenna plug to a standard Motorola plug, compatible with most aftermarket car stereos.

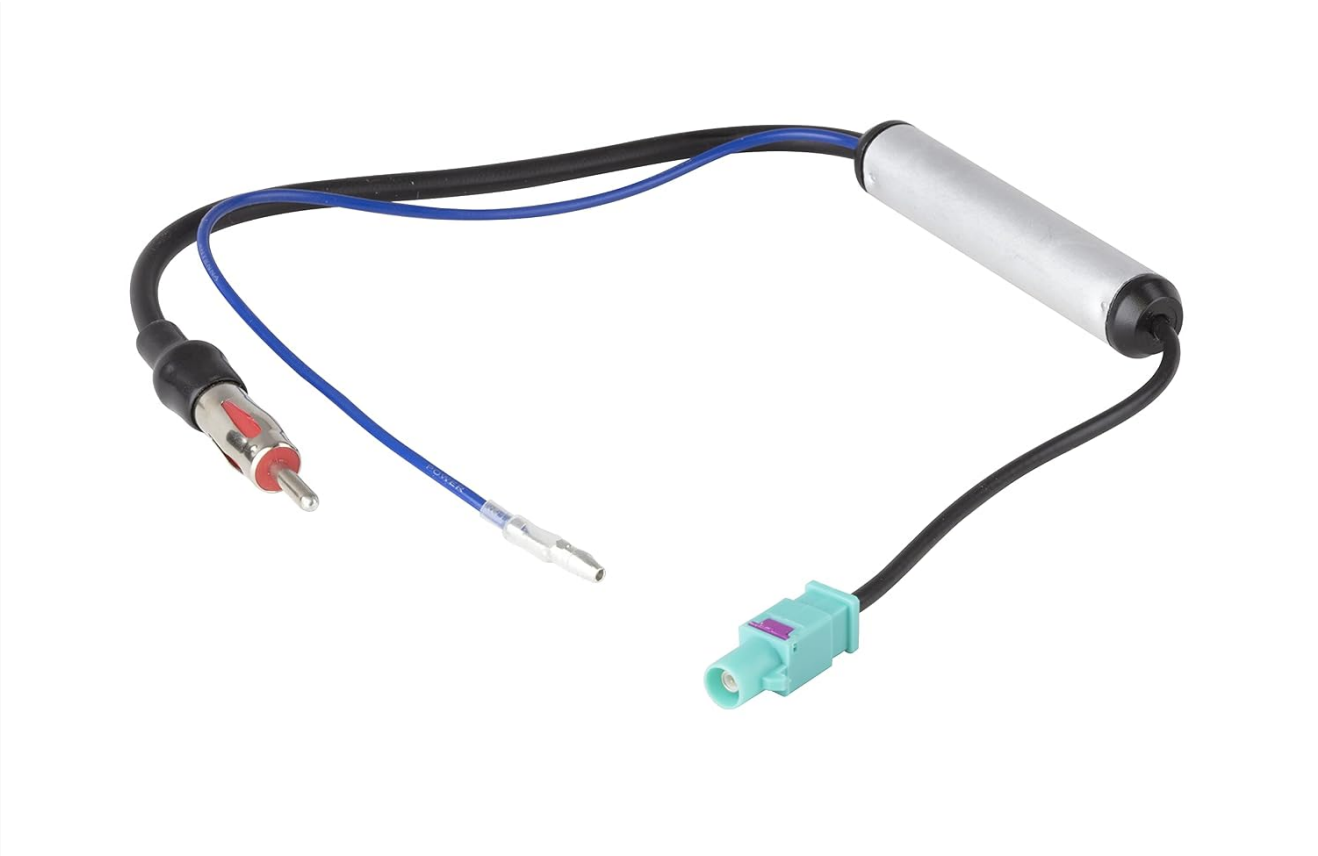


Image 5.2: The Scosche VW3A4B antenna adapter, featuring a proprietary female connector on one end and a male Motorola plug on the other, with an inline signal booster.

- Connect the proprietary end of the antenna adapter to your vehicle's factory antenna cable.
- Connect the Motorola plug end of the adapter to the antenna input on your aftermarket stereo.

6. **Test Connections:** Before reassembling your dashboard, reconnect the vehicle's battery and test the aftermarket stereo's functionality (power, audio, radio reception).
7. **Reassemble:** Once all functions are verified, carefully reassemble your dashboard and secure the aftermarket stereo.

6. Operation

The Scosche VW3A4B Wire Harness and Antenna Adapter Bundle is a passive component designed to enable the proper electrical and antenna connections for an aftermarket car stereo. Once installed correctly, the operation of your car stereo will be as described in its own user manual. This bundle ensures that power, ground, speaker signals, and antenna signals are correctly routed between your vehicle and the new stereo.

7. Maintenance

This product requires minimal maintenance. Periodically inspect the connections to ensure they remain secure and free from corrosion or damage. If any part of the harness or adapter appears damaged, it should be replaced to ensure optimal performance and safety.

8. Troubleshooting

If you encounter issues after installing the Scosche VW3A4B bundle, consider the following troubleshooting steps:

- **No Power to Stereo:**

- Verify all wiring harness connections are secure and correctly matched.
- Check the vehicle's fuse box for any blown fuses related to the radio or accessory power.
- Ensure the vehicle's battery is fully charged and properly connected.

- **Stereo Does Not Turn Off with Vehicle:**
  - This can occur in some vehicle models where the accessory power (ACC) signal is not directly available through the factory harness or requires a data interface.
  - Consult your vehicle's wiring diagram or an automotive audio specialist. In some cases, a specialized harness with a built-in data interface may be required to properly manage accessory power.
- **No Sound from Speakers:**
  - Check all speaker wire connections from the aftermarket stereo to the Scosche harness.
  - Ensure the factory audio system is non-amplified, as this harness is not compatible with amplified systems.
  - Verify the aftermarket stereo's fader and balance settings.
- **Poor Radio Reception:**
  - Ensure the antenna adapter is securely connected at both ends (vehicle and stereo).
  - Check for any damage to the antenna cable or adapter.
- **General Malfunction:**
  - Double-check all connections for proper seating and insulation.
  - Refer to your aftermarket stereo's user manual for its specific troubleshooting guide.

9. Specifications

Feature	Detail
Model Number	VW3A4B
Brand	Scosche
Product Dimensions	4.11 x 10.8 x 19.05 cm (1.62 x 4.25 x 7.5 inches)
Item Weight	72 g (0.16 lbs)
Material	Polyvinyl Chloride (PVC)
Connector Type	Motorola Plug (Antenna)
UPC	033991087675
Country of Origin	China

10. Warranty and Support

Scosche products are manufactured with quality materials and craftsmanship. While specific warranty details are not provided in this manual, Scosche typically offers a **Lifetime Warranty** on many of its car stereo connectors, as indicated by product imagery.



Image 10.1: Scosche Car Stereo Connectors features, including "Easy To Install," "Factory Quality," "Direct Connection," and a "Lifetime Warranty" logo.

For detailed warranty information, technical support, or to view the full range of compatible vehicles, please visit the official Scosche website or contact their customer service department.

Scosche Website: www.scosche.com

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