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Metra 40-SIRXM-17

User Manual

METRA 40-SIRXM-17 OE SATELLITE RADIO ANTENNA ADAPTER

Model: 40-SIRXM-17 | Brand: Metra

Product Overview

The Metra 40-SIRXM-17 is an OE Satellite Radio Antenna Adapter designed to facilitate the connection of an aftermarket satellite radio system to a vehicle's existing factory satellite antenna. This adapter is 17 feet in length, providing ample reach for various installation scenarios. It ensures a secure fit and is engineered with both the user and installer in mind for straightforward integration.



Image: The Metra 40-SIRXM-17 OE Satellite Radio Antenna Adapter, showing the coiled black cable with a right-angle male connector on one end and a green female connector on the other.

Key Features

- **Purpose:** Adapts factory satellite antenna connector to aftermarket style connector.
- **Length:** 17 feet (approximately 5.18 meters) for flexible routing.
- **Compatibility:** Designed for use with OE satellite radio antenna systems.
- **Installation:** Engineered for ease of installation and secure fit.

Setup and Installation

Before beginning installation, ensure the vehicle's ignition is off and the battery is disconnected to prevent electrical shorts or damage.

1. **Locate Factory Antenna Connector:** Identify the factory satellite antenna connector, typically found at the factory radio tuner or brain unit location. This connector is usually a proprietary type.
2. **Connect Adapter to Factory Antenna:** Plug the appropriate end of the Metra 40-SIRXM-17 adapter into the factory satellite antenna connector. Ensure a firm and secure connection.
3. **Route Cable:** Carefully route the 17-foot cable from the factory antenna connection point to the location of your aftermarket satellite radio tuner. Avoid routing the cable near hot engine components, sharp edges, or moving parts. Secure the cable using zip ties or clips to prevent rattling or damage.
4. **Connect Adapter to Aftermarket Tuner:** Connect the other end of the Metra 40-SIRXM-17 adapter to the satellite antenna input on your aftermarket satellite radio tuner. This end is designed to fit standard aftermarket satellite antenna inputs.
5. **Verify Connections:** Double-check all connections to ensure they are secure and properly seated.
6. **Reconnect Battery:** Once all connections are made, reconnect the vehicle's battery.
7. **Test System:** Turn on the vehicle and the aftermarket satellite radio system to verify proper signal reception and functionality.

Note: Professional installation is recommended if you are unfamiliar with automotive electrical systems or vehicle disassembly.

Operating Instructions

The Metra 40-SIRXM-17 is a passive adapter cable and does not require specific operating instructions beyond its proper installation. Once installed, its function is to transmit the satellite radio signal from the factory antenna to your aftermarket satellite radio tuner. The operation of your satellite radio system will depend on the aftermarket tuner itself.

- Ensure your aftermarket satellite radio tuner is powered on and properly configured according to its own user manual.
- Verify that the satellite antenna signal strength is adequate as displayed on your aftermarket tuner.
- If experiencing signal issues, refer to the troubleshooting section.

Maintenance

The Metra 40-SIRXM-17 antenna adapter requires minimal maintenance. It is designed for durability within the vehicle's environment.

- **Periodic Inspection:** Periodically inspect the cable and its connections for any signs of wear, damage, or loose connections, especially if the vehicle undergoes significant vibrations or temperature changes.

- **Cleaning:** Keep the connectors clean and free of dust or debris. If necessary, gently wipe with a dry, lint-free cloth. Do not use liquid cleaners directly on the connectors.
- **Cable Protection:** Ensure the cable remains securely routed and is not pinched, cut, or exposed to excessive heat or moisture.

Troubleshooting

| Problem | Possible Cause | Solution |
|---|--|---|
| No satellite radio signal or weak signal. | <ul style="list-style-type: none"> Loose or improper connection of the adapter. Damaged adapter cable. Issue with the factory satellite antenna. Issue with the aftermarket satellite radio tuner. Obstruction blocking satellite signal (e.g., parking garage, dense foliage). | <ul style="list-style-type: none"> Verify all connections are secure and fully seated. Inspect the adapter cable for visible damage (kinks, cuts). Replace if damaged. Test the factory antenna if possible, or consult a professional. Refer to the aftermarket tuner's manual for troubleshooting its signal reception. Move the vehicle to an open area with a clear view of the sky. |
| Intermittent signal. | <ul style="list-style-type: none"> Loose connection. Cable interference. Environmental factors. | <ul style="list-style-type: none"> Check and secure all connections. Ensure the cable is not routed near high-voltage wires or other sources of electromagnetic interference. Signal can be affected by tall buildings, tunnels, or heavy weather. |

Specifications

| Attribute | Detail |
|--------------------|------------------------------------|
| Model Number | 40-SIRXM-17 |
| Brand | Metra |
| Product Type | OE Satellite Radio Antenna Adapter |
| Cable Length | 17 feet (approx. 5.18 meters) |
| Item Weight | 2.72 ounces (approx. 77 grams) |
| Product Dimensions | 2 x 14.5 x 0.5 inches (packaged) |
| UPC | 086429314348 |

Warranty and Support

For information regarding product warranty, please refer to the official Metra Electronics Corporation website or contact their customer support directly. Warranty terms and conditions may vary.

Metra Electronics Customer Support:

- **Website:** www.metraonline.com (Please check the official website for the most current contact information and support resources.)
- **Technical Support:** Consult the website for technical support contact details or FAQs.

When contacting support, please have your product model number (40-SIRXM-17) and purchase information ready.

