Metra 99-8159S

Metra 99-8159S Double DIN Dash Kit User Manual

Model: 99-8159S | Brand: Metra

1. Product Overview

The Metra 99-8159S Double DIN Dash Kit is designed to facilitate the installation of an aftermarket double DIN radio into select Lexus RX vehicles from 2004 to 2009. This kit ensures a seamless and professional integration, matching the factory dash contours and color for a clean, original equipment manufacturer (OEM) appearance.



Image 1.1: Components of the Metra 99-8159S Double DIN Dash Kit. This image displays the main silver dash bezel, two black mounting brackets, and a separate storage pocket, all designed for a precise fit in compatible Lexus RX models.

2. What's Included

The Metra 99-8159S kit typically includes the following components necessary for installation:

- Main Dash Bezel (for DIN or Double DIN radio provision)
- Mounting Brackets (left and right)
- DIN Radio Provision with Pocket (for single DIN installations)

Note: Additional wiring harnesses and antenna adapters are sold separately and are required for a complete installation.

3. Features

- Manufactured from OEM quality ABS plastic
- DIN radio provision with pocket
- DDIN radio provision
- Paint and texture to match factory design
- Wiring and Antenna Connections (Sold Separately)

4. Compatibility

This dash kit is specifically designed for the following vehicles:

- Lexus RX Series (2004-2009)

Ensure your vehicle falls within this model and year range for proper fitment.

5. Setup and Installation

Installation of the Metra 99-8159S dash kit requires careful disassembly of the factory dashboard components and precise mounting of the new aftermarket radio. While general steps are provided below, it is highly recommended to consult the detailed PDF user manual for comprehensive, step-by-step instructions specific to your vehicle model.

1. **Preparation:** Disconnect the vehicle's battery. Gather all necessary tools, including trim removal tools, screwdrivers, and a socket set.
2. **Factory Radio Removal:** Carefully remove the factory radio and associated dash trim. Refer to your vehicle's service manual or the detailed Metra instructions for specific panel removal procedures.
3. **Bracket Transfer:** Transfer any necessary OEM components, such as yellow plastic spring stops, from the factory radio to the new Metra mounting brackets. This helps prevent rattles and ensures proper fitment.
4. **Radio Mounting:** Secure your aftermarket double DIN radio to the Metra mounting brackets. Ensure the radio is flush and properly aligned within the brackets. Some aftermarket head units, particularly certain Android models, may require minor trimming of the kit's opening for a perfect fit.
5. **Wiring:** Connect the aftermarket radio's wiring harness to the vehicle's wiring, using appropriate adapters (sold separately). Connect antenna adapters if needed.
6. **Test Fit:** Before fully reassembling, perform a test fit of the new radio and dash kit assembly into the vehicle's dash opening. Ensure all clips and mounting points align.
7. **Final Assembly:** Once satisfied with the fit, secure the dash kit and radio assembly into place. Reinstall all removed dash panels and trim pieces. Reconnect the vehicle's battery.

For detailed, vehicle-specific installation instructions, please refer to the official PDF user manual: Metra 99-8159S User Manual (PDF)

6. Operating

The Metra 99-8159S Double DIN Dash Kit is a passive component designed to house and integrate an aftermarket radio into your vehicle's dashboard. It does not have any operational controls or functions itself. All operational aspects, such as radio tuning, volume control, and media playback, are managed directly through the installed aftermarket head unit.

7. Maintenance

To maintain the appearance and integrity of your Metra dash kit, follow these simple guidelines:

- **Cleaning:** Use a soft, damp cloth to wipe down the surface of the dash kit. For stubborn marks, a mild automotive interior cleaner can be used.
- **Avoid Harsh Chemicals:** Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish and material of the kit.
- **Protection:** Avoid exposing the dash kit to extreme temperatures or direct sunlight for prolonged periods, which can cause discoloration or warping over time.

8. Troubleshooting

While the Metra 99-8159S dash kit is designed for precise fitment, some common issues may arise during or after installation:

Issue	Possible Cause	Solution
Dash kit does not fit flush or snaps into place properly.	Incorrect alignment; obstruction; clips not fully engaged.	Ensure all mounting points are aligned. Apply firm, even pressure to engage clips. Check for any wires or components obstructing the fit.
Rattling noise from the dash.	Loose components; failure to transfer OEM spring stops.	Verify all screws and fasteners are tightened. Ensure OEM spring stops (if applicable) were transferred to the new kit's brackets.
Aftermarket radio does not fit into the kit opening.	Slight size discrepancy with some aftermarket units.	Carefully trim the opening of the dash kit using appropriate tools (e.g., Dremel) to accommodate the radio. Proceed with caution to avoid over-trimming.

If you encounter persistent issues, it is advisable to consult with a professional car audio installer.

9. Specifications

Attribute	Detail
Brand	Metra
Model Number	99-8159S

Attribute	Detail
Material	ABS Plastic
Item Dimensions (L x W x H)	12 x 7 x 4 inches
Item Weight	2.08 ounces
Connector Type	DIN
Country of Origin	USA
UPC	086429264254

10. Warranty and Support

The Metra 99-8159S Double DIN Dash Kit comes with a**1 Year Limited Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.
For warranty claims, technical support, or further assistance with installation, please contact Metra Electronics customer service directly. Refer to the official Metra website for the most current contact information.

Image 10.1: Metra company logo. Metra is a leading manufacturer of car audio installation accessories.

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