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Metra 99-8218

Metra 99-8218 Radio Dash Kit Installation Manual

For Toyota Camry (2007-2011)

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1. INTRODUCTION

This manual provides detailed instructions for the installation of the Metra 99-8218 Single or Double DIN Radio Dash Kit. This kit is specifically designed to integrate an aftermarket car stereo into the dashboard of Toyota Camry models manufactured between 2007 and 2011. The kit ensures a secure fit and a factory-like finish, allowing for the upgrade of your vehicle's audio system.

2. SAFETY INFORMATION

Always prioritize safety during installation. Disconnect the vehicle's battery before beginning any electrical work. Ensure all connections are secure to prevent short circuits. If you are unsure about any step, consult a professional installer. Wear appropriate safety gear, such as eye protection, when using tools. Improper installation can lead to vehicle damage or personal injury.

3. PACKAGE CONTENTS

Verify that all components are present in your Metra 99-8218 kit before beginning installation.

- Main Dash Panel (Silver)
- Radio Mounting Brackets (Left and Right)
- Storage Pocket (for Single DIN installations)
- Custom Trim Ring
- Hardware Pack (screws, clips, etc.)
- Detailed Installation Instructions

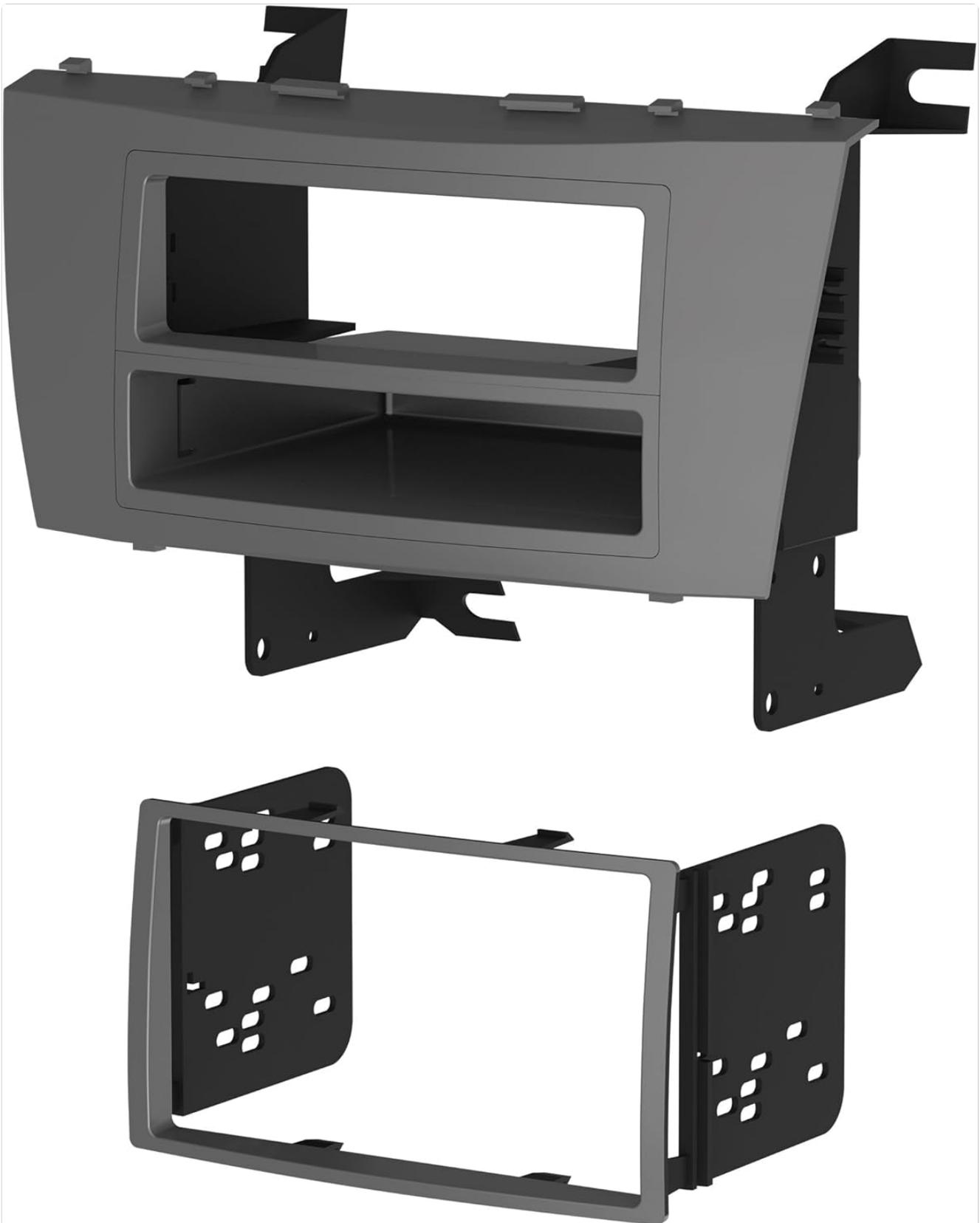


Figure 1: Overview of the Metra 99-8218 dash kit components, including the main dash panel and radio mounting brackets.

4. INSTALLATION

This section outlines the general steps for installing the Metra 99-8218 dash kit. Refer to the detailed instructions included in your package for specific vehicle disassembly and assembly procedures.

4.1. Tools Required

- Panel Removal Tool

- Screwdriver Set (Phillips and Flathead)
- Socket Wrench Set
- Wire Strippers/Crimpers (for stereo wiring, not included in kit)

4.2. Vehicle Disassembly

1. Disconnect the negative terminal of the vehicle's battery.
2. Carefully remove the factory radio trim panel using a panel removal tool to avoid damage.
3. Unscrew and remove the factory radio from the dashboard. Disconnect all wiring harnesses.

4.3. Kit Assembly and Radio Mounting

The Metra 99-8218 kit supports both Single DIN (2-inch tall) and Double DIN (4-inch tall) aftermarket radios.

4.3.1. Single DIN Radio Installation

For a Single DIN radio, the included storage pocket will be used to fill the remaining space in the dash opening.

1. Attach the radio mounting brackets to the sides of your aftermarket Single DIN radio using the provided hardware.
2. Secure the storage pocket below the radio, between the mounting brackets.
3. Slide the assembled radio and pocket into the main dash panel opening. Ensure a snug fit.



Figure 2: The Metra 99-8218 dash kit configured for a Single DIN radio, showing the storage pocket installed below the radio opening.

4.3.2. Double DIN Radio Installation

For a Double DIN radio, the storage pocket is not required.

1. Attach the radio mounting brackets to the sides of your aftermarket Double DIN radio using the provided hardware.
2. Slide the assembled radio into the main dash panel opening. The kit is designed to accommodate the full height of a Double DIN unit.



Figure 3: The Metra 99-8218 dash kit configured for a Double DIN radio, utilizing the full opening.

4.4. Final Assembly

1. Connect the aftermarket radio's wiring harness to the vehicle's wiring (wire harness, CANBUS interface, and antenna adapter sold separately).
2. Carefully slide the assembled dash kit with the new radio into the dashboard opening.
3. Secure the dash kit using the factory mounting points and screws.
4. Reconnect the vehicle's battery.
5. Test the new radio's functionality.

5. MAINTENANCE

The Metra 99-8218 dash kit requires minimal maintenance. To clean the surface, use a soft, damp cloth. Avoid abrasive cleaners or solvents, as these can damage the finish. Ensure all mounting screws remain tight over time to prevent rattles or movement of the radio.

6. TROUBLESHOOTING

- **Radio does not fit into the kit:** Ensure your aftermarket radio is a standard 2-inch (Single DIN) or 4-inch (Double DIN) unit. Oversized or non-standard radios may not fit without modification. Verify the radio mounting brackets are correctly aligned and secured.
- **Kit does not fit into the vehicle dashboard:** Double-check that the kit is designed for your specific Toyota Camry model year (2007-2011). Ensure all factory clips and mounting points are clear and aligned. Some minor trimming of factory plastic may be necessary in rare cases, as noted by some installers, but this should be done with caution.
- **Gaps around the installed radio:** Ensure the radio is fully seated within the mounting brackets and the brackets are properly secured to the dash kit. The custom trim ring should provide a flush finish.
- **Loose fit or rattles:** Verify all screws and clips are securely fastened. The kit is designed for a tight fit, and any looseness may indicate incomplete assembly.
- **Color mismatch with factory trim:** The kit is painted silver to match the original vehicle dashboard. While designed for a close match, slight variations may occur due to vehicle age or specific trim levels.

7. SPECIFICATIONS

Feature	Detail
Model Number	99-8218
Compatibility	Toyota Camry (2007-2011)
Radio Type Support	Single DIN (2") or Double DIN (4")
Material	High-Quality ABS Plastic
Color	Silver (Contoured to match factory dash)
Item Dimensions (L x W x H)	11.5 x 10 x 3 inches
Item Weight	0.13 Pounds
Included Components	Product, Manual

8. WARRANTY & SUPPORT

8.1. Warranty Information

The Metra 99-8218 Radio Dash Kit comes with a **1-year warranty** from the date of purchase. This warranty covers manufacturing defects under normal use. Please retain your proof of purchase for warranty claims.

8.2. Technical Support

For installation assistance or troubleshooting, a dedicated technical support team is available 7 days a week. Please refer to the contact information provided in your product packaging or visit the official Metra Electronics website for support details.