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## Mopar 68169512AA

# Mopar Genuine Antenna Base 68169512AA User Manual

Model: 68169512AA

## 1. INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of the Mopar Genuine Antenna Base, part number 68169512AA. This component is designed to provide a secure and functional mounting point for your vehicle's radio antenna, ensuring optimal signal reception.

## 2. SAFETY INFORMATION

Always exercise caution when working on vehicles. Disconnect the vehicle's battery before performing any electrical work. Wear appropriate personal protective equipment, such as gloves and eye protection. If you are unsure about any step, consult a qualified automotive technician.

## 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- 1 x Mopar Genuine Antenna Base (Part Number: 68169512AA)

## 4. SPECIFICATIONS

Attribute	Detail
Brand	Mopar
Model Number	68169512AA
Item Weight	2.01 ounces
Product Dimensions (Overall)	3.4 x 2.15 x 1.5 inches

Color	Black
Antenna Type Compatibility	Radio

## 5. INSTALLATION AND SETUP

The Mopar Genuine Antenna Base 68169512AA is designed for specific vehicle models, often requiring access to the vehicle's interior roof lining for proper installation. The following steps are general guidelines; refer to your vehicle's service manual for specific instructions regarding trim panel removal and antenna access.

### 5.1 Product Overview



*Image: Top view of the Mopar antenna base, showing the external housing where the antenna mast screws in.*



*Image: Side profile of the Mopar antenna base, illustrating its compact design.*

### 5.2 Tools Required

- Basic hand tools (e.g., screwdrivers, trim removal tools)

- Wrench or socket set (for antenna nut)
- New Mopar Genuine Antenna Base (68169512AA)

### 5.3 Installation Steps

**1. Prepare the Vehicle:** Park the vehicle on a level surface and engage the parking brake. Turn off the ignition and remove the key. For safety, disconnect the negative terminal of the vehicle's battery.

**2. Access the Existing Antenna Base:**

The antenna base is typically mounted on the exterior roof of the vehicle. To access the mounting nut and electrical connection, you will likely need to partially or fully remove interior trim panels and the headliner in the vicinity of the antenna. This process varies significantly by vehicle model.



*Image: Underside of the antenna base, showing the threaded stud and mounting plate. This part connects to the vehicle's roof from the interior.*

**3. Disconnect Electrical Connections:** Once interior access is gained, carefully disconnect the coaxial cable and any other electrical connectors attached to the old antenna base.

**4. Remove Old Antenna Base:** Using an appropriate wrench or socket, loosen and remove the mounting nut that secures the antenna base to the vehicle's roof. Carefully remove the old antenna base from the exterior.

**5. Inspect Mounting Area:** Clean the mounting surface on the vehicle's roof. Ensure there is no debris or corrosion that could affect the seal or connection of the new base.

**6. Install New Antenna Base:**

Position the new Mopar Genuine Antenna Base (68169512AA) into the opening on the vehicle's roof from the exterior. Ensure the base is correctly oriented and seated flush against the roof surface. The design of this genuine Mopar part is intended to fit precisely into the vehicle's factory keyhole cut-out.

**7. Secure the Base:** From the interior, thread the mounting nut onto the stud of the new antenna base. Tighten the nut securely, but do not overtighten, as this could damage the base or the vehicle's roof.

**8. Reconnect Electrical Connections:** Reconnect the coaxial cable and any other electrical connectors to the new antenna base. Ensure connections are firm and secure.

**9. Test Functionality:** Before reassembling interior trim, reconnect the vehicle's battery and test the radio reception to ensure the antenna base is functioning correctly.

10. **Reassemble Trim:** Carefully reassemble all interior trim panels and the headliner that were removed.

## 6. OPERATION

The Mopar Genuine Antenna Base 68169512AA is a passive component that serves as the mounting point and electrical connection for your vehicle's radio antenna mast. Once installed, it operates continuously to facilitate radio signal reception when a compatible antenna mast is attached. No user interaction is required for its operation beyond ensuring the antenna mast is securely screwed into the base.

## 7. MAINTENANCE

The antenna base requires minimal maintenance. Periodically inspect the base for any signs of damage, cracks, or loose connections. Keep the exterior of the base clean from dirt and debris using a soft cloth and mild automotive cleaner. Avoid using harsh chemicals or abrasive materials that could damage the finish or seals.

## 8. TROUBLESHOOTING

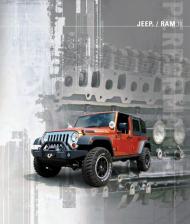
Problem	Possible Cause	Solution
Poor radio reception	<ul style="list-style-type: none"><li>Loose antenna mast</li><li>Damaged antenna mast</li><li>Loose electrical connection at the base</li><li>Damaged coaxial cable</li></ul>	<ul style="list-style-type: none"><li>Ensure antenna mast is securely screwed into the base.</li><li>Replace the antenna mast if damaged.</li><li>Check and secure the electrical connections to the antenna base.</li><li>Inspect the coaxial cable for damage; replace if necessary.</li></ul>
Water leakage around base	<ul style="list-style-type: none"><li>Improperly seated base</li><li>Damaged seal</li><li>Mounting nut not tightened sufficiently</li></ul>	<ul style="list-style-type: none"><li>Re-seat the antenna base, ensuring it is flush with the roof.</li><li>Inspect the base's seal for damage; replace the base if the seal is compromised.</li><li>Ensure the mounting nut is tightened to specifications (do not overtighten).</li></ul>

## 9. WARRANTY AND SUPPORT

For warranty information and customer support regarding your Mopar Genuine Antenna Base 68169512AA, please refer to the official Mopar website or contact your authorized Mopar dealer. Keep your purchase receipt as proof of purchase.

Official Mopar Website: [www.mopar.com](http://www.mopar.com)

## Related Documents - 68169512AA

 <p><b>Mopar 572 CID Hemi Crate Engine Installation Instructions</b> Comprehensive installation guide for the Mopar 572 CID Hemi Crate Engine (Part Numbers P5155429 and P5155431), covering pre-installation checks, engine mounting, transmission compatibility, initial startup procedures, break-in, and torque specifications. Includes details on engine balance, cooling systems, ignition, and warranty information.</p>
 <p><b>Mopar Security System Installation Guide for Jeep Grand Cherokee (WK) and Jeep Commander (XK)</b> Comprehensive installation instructions for the Mopar Security System, designed for Jeep Grand Cherokee (WK) and Jeep Commander (XK) models. This guide covers vehicle preparation, component installation, system programming, and reassembly.</p>
 <p><b>Mopar Performance P5007278 Windage Tray Installation Instructions</b> Comprehensive installation guide for the Mopar Performance P5007278 Windage Tray, designed for 1995-up 2.0L DOHC and SOHC Neon engines. This document details the steps for oil pan removal and the subsequent installation of the windage tray, including necessary hardware and torque specifications.</p>
 <p><b>MOPAR Manuals on CD-ROM - Partial Catalog</b> A partial catalog of MOPAR service manuals and master parts books available on CD-ROM from MuscleCARS, covering Chrysler, Plymouth, Dodge, DeSoto, and AMC vehicles from 1914 to the late 1980s and early 1990s.</p>
 <p><b>45/545RFE &amp; 68RFE Automatic Transmission Installation Guide</b> Comprehensive installation guide for 45/545RFE, 68RFE, 65RFE, and 66RFE automatic transmissions. Covers vehicle preparation, pre-installation checks, fluid filling, programming, and learning procedures.</p>
 <p><b>Mopar Performance Parts Catalog for Jeep and Ram Vehicles</b> This catalog features a comprehensive range of Mopar performance parts for Jeep and Ram vehicles, including engine components, drivetrain, suspension upgrades, exhaust systems, air intake systems, and exterior body parts. It provides detailed product descriptions, part numbers, and application information.</p>

