## Monroe 908997

# Monroe Strut-Mate 908997 Suspension Strut Mount Instruction Manual

Model: 908997 | Brand: Monroe

## Introduction

This manual provides essential information for the proper installation and maintenance of the Monroe Strut-Mate 908997 Suspension Strut Mount. Designed to complement Monroe struts, this component contributes to reducing noise and vibration in your vehicle's suspension system. Adherence to these instructions is crucial for optimal performance and safety.

## Product Overview and Components

The Monroe Strut-Mate 908997 Suspension Strut Mount is engineered to replace original equipment (OE) strut mounts. It features advanced elastomer technology for enhanced metal-to-rubber bonding, which helps minimize noise, vibration, and memory steer.



**Image:** The Monroe Strut-Mate 908997 kit, showing the strut mount, bearing, and attachment nuts.

### Included Components:

- Strut Mount
- Bearing
- Mounting Hardware (SAE-grade nuts and bolts)
- Upper and Lower Spring Isolators (where applicable)
- Upper Spring Seat (where applicable)

- Front Bearing Plate (where applicable)




**Image:** An illustration showing the Monroe Strut-Mate mounting kit components alongside a Monroe strut, emphasizing their compatibility for a comprehensive suspension upgrade.



**Image:** An animated diagram illustrating the dynamic movement of a vehicle's suspension system, including the strut, spring, and wheel assembly.

## Installation Instructions

Installation of suspension components requires specialized tools and knowledge. It is highly recommended that this procedure be performed by a qualified automotive technician. Improper installation can lead to vehicle damage, loss of control, and serious injury.

### General Installation Steps (Consult Vehicle-Specific Service Manual for Detailed Procedures):

1. **Preparation:** Safely lift and support the vehicle on jack stands. Remove the wheel.
2. **Disassembly:** Disconnect any brake lines, ABS sensors, or sway bar links attached to the strut assembly. Carefully remove the lower strut mounting bolts and the upper strut mount nuts from the vehicle chassis.
3. **Strut Removal:** Remove the entire strut assembly from the vehicle.
4. **Spring Compression:** Using a certified spring compressor, safely compress the coil spring. This step is critical and dangerous if not performed correctly.
5. **Old Mount Removal:** Once the spring is compressed, remove the top nut securing the old strut mount to the strut shaft. Remove the old strut mount, bearing, and any associated components.
6. **New Mount Installation:** Install the new Monroe Strut-Mate 908997 strut mount, bearing, and isolators in the correct orientation onto the strut shaft. Ensure all components are seated properly.
7. **Secure New Mount:** Tighten the new top nut to the manufacturer's specified torque.
8. **Spring Decompression:** Carefully release the spring compressor.
9. **Reinstallation:** Reinstall the strut assembly into the vehicle, securing the upper strut mount nuts and lower strut mounting bolts to the manufacturer's specified torque.
10. **Reconnect Components:** Reconnect all brake lines, ABS sensors, and sway bar links.
11. **Final Checks:** Lower the vehicle, perform a final torque check on all fasteners, and have a professional alignment performed.



**Image:** Disassembled strut components, showing the individual parts that make up a complete strut assembly, including the strut mount.



**Image:** A close-up view of a technician using a wrench to tighten a nut on a strut mount, illustrating a critical step in the installation process.



**Image:** A view of a strut assembly being carefully guided into position within a vehicle's wheel well during installation.

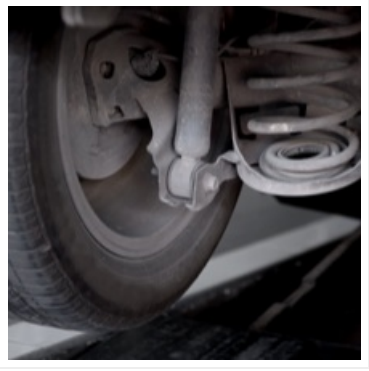


**Image:** A detailed view of a vehicle's wheel and suspension components, showing the strut, spring, and brake assembly.

## Optimal Performance and Maintenance

For the Monroe Strut-Mate 908997 to deliver its intended performance, it is essential to ensure proper installation and regular vehicle maintenance.

### Post-Installation Checks:

- Verify all fasteners are tightened to vehicle manufacturer specifications.
- Perform a test drive to check for unusual noises, vibrations, or steering issues.
- Ensure a professional wheel alignment is performed after any suspension component replacement.

### Maintenance Recommendations:

- Regularly inspect suspension components for wear, damage, or loose fasteners during routine vehicle service.
- Address any unusual noises or handling characteristics promptly to prevent further damage.
- Consider replacing strut mounts when replacing struts or coil springs to ensure a complete suspension system refresh and maintain ride quality.




**Image:** A car in motion on a road, symbolizing the improved ride quality and reduced noise and vibration achieved with properly functioning suspension components like the Monroe Strut-Mate.

## TROUBLESHOOTING

If you experience issues after installing the Monroe Strut-Mate 908997, consider the following common problems and potential solutions:

| Symptom | Possible Cause | Solution |
|---|---|---|
| Popping or Clunking Noise | Loose mounting hardware, improperly seated spring, worn bearing, or incorrect installation. | Re-check all torque specifications. Inspect for proper component seating. If noise persists, professional inspection is recommended. |
| Excessive Vibration | Improperly installed strut mount, unbalanced wheels, or other worn suspension components. | Verify strut mount installation. Check wheel balance and other suspension parts. |
| Poor Steering Response / Memory Steer | Damaged or improperly installed strut bearing, incorrect alignment. | Inspect the strut bearing for smooth operation. Ensure a professional wheel alignment has been performed. |

If troubleshooting steps do not resolve the issue, consult a certified automotive technician.

## Specifications

| Attribute | Detail |
|---|---|
| Brand | Monroe |
| Model Number | 908997 |
| Auto Part Position | Front |
| Material | Metal-to-rubber |
| Vehicle Service Type | Car, Truck |
| OEM Part Number Equivalents | 546102T000, 546103S000 |
| Item Weight | 1 pound |
| Product Dimensions | 6.75 x 6.25 x 3.25 inches |
| UPC | 048598136404 |

## Warranty Information

For specific warranty details regarding the Monroe Strut-Mate 908997 Suspension Strut Mount, please refer to the official Monroe Shocks & Struts warranty documentation provided with your purchase or visit the official Monroe website. Warranty terms typically cover manufacturing defects and material flaws under normal use and service.

## Customer Support

If you require further assistance, have questions about installation, or need to report a product issue, please contact Monroe Shocks & Struts customer support. Contact information can typically be found on the official Monroe website or on the product packaging.
For additional resources and product information, you may visit the Monroe Store on Amazon.

© 2023 Monroe Shocks & Struts. All rights reserved.
This manual is for informational purposes only. Always consult a qualified professional for vehicle maintenance and repairs.

## Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

**Name**

Anonymous

**Email**

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

**Question**

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question