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› [Monroe Quick-Strut 172352 Suspension Strut and Coil Spring Assembly User Manual for Nissan Versa](#)

Monroe 172352

Monroe Quick-Strut 172352 Suspension Strut and Coil Spring Assembly User Manual

Brand: Monroe | Model: 172352

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Monroe Quick-Strut 172352 Suspension Strut and Coil Spring Assembly. This unit is designed to restore original equipment (OE) ride height and handling performance for compatible vehicles. It is a complete, pre-assembled unit, simplifying the replacement process.

1.1. Compatibility

This Monroe Quick-Strut assembly is compatible with the following vehicles:

- 2007-2011 Nissan Versa
- 2012-2012 Nissan Versa

Always verify compatibility by entering your vehicle's year, make, model, engine, and trim information before purchase and installation.

2. SAFETY INFORMATION

Automotive suspension work can be hazardous. Professional installation is highly recommended. If you choose to perform the installation yourself, ensure you have the necessary tools, experience, and safety equipment.

- Always wear appropriate personal protective equipment, including safety glasses and gloves.
- Ensure the vehicle is securely supported on jack stands on a level surface before beginning any work. Never rely solely on a jack.
- Refer to your vehicle's service manual for specific torque specifications and procedures.
- Do not attempt to disassemble the Quick-Strut assembly. The coil spring is under high compression and can cause serious injury if improperly handled.
- Keep hands and clothing clear of moving parts.

3. PACKAGE CONTENTS

Each Monroe Quick-Strut 172352 assembly typically includes:

- One (1) Pre-assembled Strut and Coil Spring Assembly
- Mounting Hardware (if applicable)
- Parts Pack(s) (if applicable)

Please inspect all components upon receipt to ensure no damage occurred during shipping and that all parts are present. Additional tools and equipment, such as a floor jack, jack stands, lug wrench, various sockets, wrenches, and a torque wrench, are required for installation and are not included.



Image: Monroe Quick-Strut 172352 Suspension Strut and Coil Spring Assembly, shown with included mounting bolts.

4. INSTALLATION GUIDE

The Monroe Quick-Strut assembly is designed for a quicker, safer, and easier repair as it includes everything needed for strut replacement in a single, fully assembled unit, eliminating the need for a spring compressor. However, proper installation is crucial for vehicle safety and performance.

It is strongly recommended that installation be performed by a qualified automotive technician.

4.1. General Installation Steps (Consult Vehicle Service Manual for Details)

- 1. Prepare the Vehicle:** Park the vehicle on a level surface, engage the parking brake, and loosen the lug nuts on the wheel corresponding to the strut being replaced. Raise the vehicle using a floor jack and secure it with jack stands. Remove the wheel.
- 2. Remove Old Strut:** Disconnect any brake lines, ABS sensor wires, or sway bar links attached to the strut assembly. Remove the lower mounting bolts connecting the strut to the steering knuckle. Support the steering knuckle to prevent damage. Access the upper strut mount nuts, typically located under the hood or inside the trunk, and remove them. Carefully lower and remove the old strut assembly from the vehicle.
- 3. Install New Strut:** Position the new Monroe Quick-Strut assembly into the vehicle. Align the upper mounting studs with the holes in the strut tower and loosely install the upper nuts. Align the lower mounting holes with the steering knuckle and install the lower bolts.
- 4. Secure and Torque:** Tighten all upper and lower mounting hardware to the vehicle manufacturer's specified torque values. Reconnect any brake lines, ABS sensor wires, and sway bar links, ensuring they are routed correctly and not pinched.
- 5. Final Steps:** Reinstall the wheel and lower the vehicle. Repeat the process for the other side if replacing both struts.





Image: The Monroe Quick-Strut 172352 assembly, ready for installation.



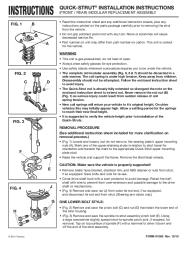
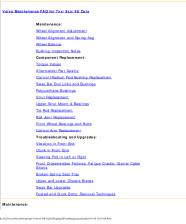
Image: A technician carefully positioning a strut assembly during installation.

5. OPERATING AND PERFORMANCE

After proper installation, the Monroe Quick-Strut 172352 assembly is designed to restore your vehicle's original ride and handling characteristics. You should experience:

- **Restored Ride Height:** Each application-specific coil spring is engineered to restore the vehicle's original ride height and support its weight.
- **Improved Steering Precision:** The premium upper strut mount helps ensure smooth,

Related Documents - 172352

	<p><u>Monroe Quick-Strut Installation Instructions</u></p> <p>Comprehensive installation guide for Monroe Quick-Strut modular replacement assemblies, covering removal and installation procedures for various vehicle strut configurations.</p>
	<p><u>Monroe Shock Absorber and Strut Catalogue 2024-2025</u></p> <p>Comprehensive 2024-2025 Monroe catalogue featuring shock absorbers, struts, and mounting/protection kits for a wide range of passenger and commercial vehicles. Find part numbers and application details.</p>
	<p><u>Monroe 2019 Master Catalogue - Shock Absorbers & Suspension Parts</u></p> <p>Explore the comprehensive Monroe 2019 Master Catalogue featuring a wide range of shock absorbers and suspension components for numerous vehicle makes and models. Find part numbers and technical information.</p>
	<p><u>Monroe Quick-Strut Installation Instructions</u></p> <p>Comprehensive installation guide for Monroe Quick-Strut modular replacement assemblies, covering removal and installation procedures for various vehicle strut configurations.</p>
	<p><u>Volvo 7xx/9xx Front Suspension Maintenance Guide: Alignment, Bushings, Struts, and More</u></p> <p>Comprehensive guide to Volvo 7xx, 9xx, 740, 744T, 745T, 940, and 960 front suspension maintenance, covering wheel alignment, bushing replacement, strut installation, tie rod and ball joint service, troubleshooting, and more.</p>
	<p><u>Monroe Shock Absorber and Strut Catalogue 2024-2025</u></p> <p>Comprehensive 2024-2025 Monroe catalogue featuring shock absorbers, struts, and mounting/protection kits for a wide range of passenger and commercial vehicles. Find part numbers and application details.</p>

