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› Monroe Quick-Strut 172560 Suspension Strut and Coil Spring Assembly User Manual

Monroe 172560

Monroe Quick-Strut 172560 Suspension Strut and Coil Spring Assembly

Brand: Monroe | Model: 172560

INTRODUCTION

The Monroe Quick-Strut 172560 is a complete suspension strut and coil spring assembly designed for 2011-2012 Honda Odyssey vehicles. This assembly is engineered to restore original equipment (OE) ride height and handling performance. It is assembled in the USA from domestic and imported components, ensuring quality and durability. The Quick-Strut assembly provides a quicker, safer, and easier solution for strut replacement as it includes all necessary components in a single, pre-assembled unit, eliminating the need for a spring compressor.

This manual provides essential information regarding the installation, operation, maintenance, and specifications of your Monroe Quick-Strut assembly. Please read it thoroughly before installation and retain it for future reference.

SAFETY INFORMATION

WARNING: Improper installation or maintenance of suspension components can lead to serious injury or vehicle damage. It is highly recommended that installation be performed by a qualified automotive technician using appropriate tools and safety equipment.

- Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves, when working on vehicle suspension systems.
- Ensure the vehicle is securely supported on jack stands or a lift 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 severe injury if improperly handled.
- Keep hands and clothing clear of moving parts.
- Dispose of old parts and fluids responsibly according to local regulations.

PARTS LIST

Each Monroe Quick-Strut assembly (Model 172560) typically includes the following components:

- Pre-assembled Strut and Coil Spring Assembly
- Upper Strut Mount
- Mounting Hardware (as specified for your vehicle application)
- Parts Pack(s) (containing small components like nuts, bolts, washers, etc.)

Note: Contents may vary slightly based on specific vehicle application. Please verify all components are present before beginning installation.

SETUP AND INSTALLATION

The Monroe Quick-Strut assembly is designed for direct fit replacement, simplifying the installation process. However, due to the complexity and safety critical nature of suspension components, professional installation is strongly recommended.

General Installation Steps (Consult a professional or vehicle service manual for detailed instructions):

1. **Prepare Vehicle:** Park the vehicle on a level surface, engage the parking brake, and block the wheels. Loosen lug nuts on the wheel(s) corresponding to the strut(s) being replaced.
2. **Lift Vehicle:** Safely lift the vehicle using a hydraulic lift or jack stands. Remove the wheel(s).
3. **Remove Old Strut:** Disconnect brake lines, ABS sensor wires, and any other components attached to the old strut. Unbolt the lower strut mounting bolts from the steering knuckle/spindle. Access the upper strut mount bolts (usually under the hood or in the trunk) and remove them. Carefully remove the old strut assembly.
4. **Install New Quick-Strut:** Position the new Monroe Quick-Strut assembly into the vehicle. Align the upper strut mount studs with the holes in the vehicle's strut tower and loosely install the nuts. Align the lower strut mounting holes with the steering knuckle/spindle and insert the bolts.
5. **Tighten Fasteners:** Torque all mounting bolts and nuts to the vehicle manufacturer's specifications. Reconnect all brake lines, ABS sensor wires, and other components.
6. **Reinstall Wheel and Lower Vehicle:** Reinstall the wheel(s) and torque lug nuts to specification. Carefully lower the vehicle.
7. **Post-Installation Check:** After installation, it is recommended to have a professional wheel alignment performed to ensure proper vehicle handling and tire wear.

QUICKER, SAFER, EASIER & COMPLETE REPAIR

Includes everything you need for strut replacement in a single, fully assembled unit with no need for spring compressor



Image: The Monroe Quick-Strut assembly, a complete unit for easier replacement.



Image: Side profile of the Monroe Quick-Strut assembly, highlighting its integrated design.

OPERATING CHARACTERISTICS

Once installed, the Monroe Quick-Strut assembly is designed to restore the vehicle's original ride and handling

characteristics. Key operating benefits include:

- **Restored Ride Height:** The precisely calibrated coil spring is engineered to restore the vehicle's original ride height and support its weight, ensuring proper suspension geometry.
- **Improved Steering Precision:** The premium upper strut mount contributes to smooth, "like-new" steering precision and helps reduce noise, vibration, harshness (NVH), and memory steer.
- **Enhanced Vehicle Control:** The assembly works to reduce body sway, vibration, and road harshness before it reaches the passenger cabin, leading to improved overall vehicle handling and stability.
- **OE Quality Performance:** Designed to meet or exceed original equipment specifications for seamless fit, form, and function.

PREMIUM MONROE[®] QUICK-STRUT[®] RESTORES OE PERFORMANCE

Optimized vehicle-specific design restores
ride and handling experience unique to each
vehicle profile



Image: Visual representation of how Monroe Quick-Strut restores OE performance for optimized ride and handling.

IMPROVES **STEERING**

Premium upper strut mount helps ensure smooth, "like-new" steering precision and reduces noise, vibration, harshness and memory steer



Image: Detail of the premium upper strut mount, designed to improve steering precision and reduce NVH.

RESTORES RIDE HEIGHT

Each application-specific coil spring type is engineered to restore ride height and support the vehicle's weight



Image: The application-specific coil spring, engineered to restore original ride height.

MAINTENANCE

Monroe Quick-Strut assemblies are designed for long-lasting performance with minimal maintenance. However, regular vehicle inspections are crucial for identifying potential issues early.

- **Regular Inspections:** Periodically inspect the struts for signs of fluid leaks, damage, or excessive wear. Check rubber components (boots, bushings) for cracks or deterioration.
- **Cleanliness:** Keep the strut assembly free from excessive dirt, salt, and debris, especially in harsh weather conditions.
- **Alignment:** As mentioned, a wheel alignment should be performed after installation. It is also advisable to check wheel alignment periodically as part of routine vehicle maintenance.
- **Rust Protection:** The assembly features a protective coating to reduce rust, but regular cleaning can further extend its lifespan, especially in areas exposed to road salt.

MADE TO LAST

Manufactured with high-quality steel, featuring a superior tube and weld design to deliver structural integrity and durability



Image: The superior tube and weld design of the Monroe Quick-Strut, built for durability.

TROUBLESHOOTING

If you experience any issues after installing your Monroe Quick-Strut assembly, consider the following common troubleshooting points:

Symptom	Possible Cause	Solution
Excessive Noise (clunking, rattling)	Loose mounting hardware, damaged components, improper installation.	Check all bolts and nuts for proper torque. Inspect for any loose or damaged parts. Re-verify installation steps.
Poor Ride Quality (too stiff/soft, bouncy)	Incorrect part for vehicle, defective unit, other worn suspension components.	Confirm part number matches vehicle application. Inspect other suspension components (control arms, sway bar links). Consult a professional.

Symptom	Possible Cause	Solution
Uneven Tire Wear or Vehicle Pulling	Improper wheel alignment, worn steering components.	Have a professional wheel alignment performed. Inspect steering and other suspension components.
Fluid Leaks from Strut	Damaged seal, defective unit.	A small amount of oil residue is normal, but significant leaks indicate a problem. Contact Monroe customer support or a qualified technician.

If troubleshooting steps do not resolve the issue, it is recommended to consult a certified automotive technician for diagnosis and repair.

SPECIFICATIONS

Attribute	Detail
Brand	Monroe
Model Number	172560
Auto Part Position	Upper
Vehicle Service Type	Van (specifically 2011-2012 Honda Odyssey)
Material	Alloy Steel
Item Weight	23 pounds
Product Dimensions	30.4 x 7.8 x 8.8 inches
UPC	048598222350
Manufacturer	Monroe Shocks & Struts



Image: Detailed diagram of the Monroe Quick-Strut components.

WARRANTY AND SUPPORT

Monroe stands behind the quality of its products. For specific warranty information regarding your Quick-Strut assembly, please refer to the warranty documentation included with your purchase or visit the official Monroe website. Warranty terms typically cover manufacturing defects and material flaws under normal use.

For technical assistance, installation questions, or warranty claims, please contact Monroe customer support. Contact details can usually be found on the product packaging or the official Monroe website. When contacting support, please have your product model number (172560) and purchase information readily available.

You can also visit the [Monroe Store on Amazon](#) for more product information and resources.

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Question

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