

MOOG 81649

MOOG 81649 Coil Spring Set User Manual

Brand: MOOG | Model: 81649

PRODUCT OVERVIEW

The MOOG 81649 Coil Spring Set is engineered to restore your vehicle's suspension performance, providing like-new steering and extended service life. These coil springs are part of MOOG's Problem Solver line, incorporating proven design and engineering features for reliable performance and ease of installation.

This set is specifically compatible with:

- 2003-2006 Acura MDX
- 2003-2005 Honda Pilot
- 2006-2008 Honda Pilot



Image: Two black MOOG 81649 coil springs, designed for vehicle suspension.

WHAT'S IN THE BOX

Each MOOG 81649 Coil Spring Set includes the following components:

- Coil Spring (2)

INSTALLATION GUIDE

Installation of suspension components requires specialized tools and knowledge. While MOOG coil springs are designed for ease of installation, it is highly recommended that installation be performed by a qualified professional technician to ensure proper fitment, safety, and vehicle alignment.

Key considerations for installation:

- Ensure the vehicle is properly supported on a lift or jack stands.
- Follow vehicle manufacturer's service manual procedures for suspension component replacement.
- After installation, a wheel alignment is crucial to prevent premature tire wear and ensure proper vehicle handling.



Image: A technician's hands working on a vehicle's undercarriage, illustrating the process of suspension component installation.

OPERATION AND PERFORMANCE

Once installed, the MOOG 81649 Coil Spring Set will restore your vehicle's intended ride height and improve overall

suspension performance. These springs are 100% load tested to ensure consistent quality and performance, providing a stable and comfortable ride.

Benefits of new MOOG coil springs include:

- Restored vehicle ride height, eliminating sagging.
- Improved steering response and handling.
- Reduced stress on other suspension components for longer service life.
- Prevention of premature tire wear caused by vehicle misalignment due to worn springs.



Symptom: Loose Steering



Symptom: Steering Wheel Vibration



Symptom: Uneven Tire Wear



Symptom: Vehicle Sagging

Images: Visual representations of common symptoms indicating worn suspension components that new coil springs can address.

MAINTENANCE

Coil springs generally require minimal maintenance once installed. However, regular inspection of your vehicle's entire suspension system is recommended as part of routine vehicle servicing. This includes checking for:

- Signs of corrosion or damage to the springs.
- Wear on associated components such as shocks, struts, bushings, and control arms.
- Proper alignment, especially if you notice uneven tire wear or changes in handling.

Addressing any issues promptly will help maintain the longevity and performance of your MOOG coil springs and the entire suspension system.

TROUBLESHOOTING

If you experience issues after installing your MOOG 81649 Coil Spring Set, consider the following common troubleshooting points:

- **Uneven Ride Height or Sagging:** Ensure the correct springs were installed for your specific vehicle model and year. Verify that all other suspension components (shocks, struts, bushings) are in good condition and not contributing to the issue. A post-installation alignment is critical.
- **Unusual Noises (Squeaks, Clunks):** Check for proper seating of the springs in their mounts. Inspect for any loose fasteners or contact between suspension components. Ensure spring insulators (if applicable) are correctly in place.
- **Poor Handling or Steering:** This often indicates an alignment issue. Even if new springs restore ride height, proper wheel alignment is essential for correct handling. Also, inspect other steering and suspension components for wear.

For persistent issues, consult a certified automotive technician.

SPECIFICATIONS



Manufacturer	MOOG Chassis Products
Brand	MOOG
Model Name	MOOG 81649 Coil Spring Set
Item Model Number	81649
Item Weight	14 pounds
Product Dimensions	15 x 11.75 x 5.75 inches
Country of Origin	USA
Exterior Finish	Machined



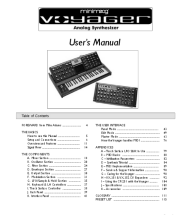

WARRANTY AND SUPPORT

MOOG stands behind the quality of its products. For specific warranty information regarding the MOOG 81649 Coil Spring Set, please refer to the official MOOG website or contact MOOG customer support directly. Keep your purchase receipt as proof of purchase for any warranty claims.

For technical assistance or further inquiries, please visit the MOOG official website or contact their customer service department.

Related Documents - 81649

	<p>TCI Engineering Technical Information and Product Guides</p> <p>Comprehensive technical data, color codes, torque specifications, and part compatibility for TCI Engineering suspension components, including Mustang II and All American Coil Over systems.</p>
	<p>Minimoog Voyager Electric Blue User Manual</p> <p>Comprehensive user manual for the Moog Music Minimoog Voyager Electric Blue analog synthesizer, covering safety, setup, synthesis basics, features, components, and MIDI implementation.</p>

	<p>Volvo 7xx/9xx Front Suspension Maintenance Guide: Alignment, Bushings, Struts, and More</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>Minimoog Voyager Electric Blue User Manual</p> <p>Comprehensive user manual for the Moog Music Minimoog Voyager Electric Blue analog synthesizer, covering setup, features, operation, synthesis basics, and technical details.</p>
	<p>Moog Minimoog Voyager Analog Synthesizer User Manual - Setup, Features, and Operation</p> <p>Comprehensive user manual for the Moog Minimoog Voyager analog synthesizer, covering setup, connections, components, user interface, synthesis basics, MIDI implementation, and technical specifications.</p>
	<p>Moog GR1200-E 1200ml Gravity Enteral Delivery Set with ENFit Connector - Instructions for Use</p> <p>Detailed instructions and safety precautions for the Moog GR1200-E 1200ml Gravity Enteral Delivery Set with ENFit Connector. Learn how to properly set up and use this medical device.</p>

Documents - MOOG – 81649

no relevant documents