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AUTOSAVER88 92-01 Rear 2.2L

AUTOSAVER88 Rear Complete Quick Struts Instruction Manual

Model: 92-01 Rear 2.2L

1. INTRODUCTION

This manual provides essential information for the proper installation, operation, maintenance, and troubleshooting of your AUTOSAVER88 Rear Complete Quick Struts. Please read these instructions thoroughly before beginning any work on your vehicle. Professional installation is highly recommended.

2. VEHICLE COMPATIBILITY

This pair of rear quick struts is compatible with the following vehicle models and years:

- **Lexus ES300:** 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001
- **Toyota Avalon:** 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003
- **Toyota Camry (2.2L Engine):** 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001
- **Toyota Solara:** 1999, 2000, 2001, 2002, 2003

3. PRODUCT COMPONENTS AND FEATURES

Each complete quick strut assembly includes all necessary components for a direct replacement, designed to meet or exceed original equipment performance requirements.



Figure 3.1: Complete Strut Assembly Diagram. This image illustrates the various parts of a complete quick strut, including the upper strut mount, dust boot, coil spring, and the strut itself.



Figure 3.2: Tight Seal and Strut Bearing. This image shows the tight seal, made from imported material and German workmanship, designed to prevent leaks and abnormal noise. It also highlights the exceptional strut bearing for a firm connection.



Figure 3.3: Sturdy and Durable Construction. This diagram details the robust features: a dust boot to protect the rod, a high-strength steel spring for reduced vibration, and a sturdy piston rod with electrophoretic coating for durability.

Included Components:

- Struts
- Coil Springs (pre-assembled)
- Upper Mount
- Dust Boot

- Bumper Kit
- Spring Seat
- Isolator

4. INSTALLATION (SETUP)

The AUTOSAVER88 complete quick struts are designed for safe and simple installation, featuring buckle holes that correspond with existing ones in the vehicle. This allows for direct replacement without disassembling the previous strut structure.

General Safety Precautions:

- Always use appropriate safety equipment, including eye protection and gloves.
- Ensure the vehicle is securely supported on jack stands before beginning work. Never rely solely on a jack.
- Refer to your vehicle's service manual for specific torque specifications and procedures.
- If you are not confident in performing the installation, seek professional assistance.

Installation Steps (Overview):

1. Safely lift and support the vehicle.
2. Remove the wheel.
3. Disconnect any brake lines, ABS sensors, or sway bar links attached to the old strut.
4. Unbolt the lower strut mounting bolts from the steering knuckle.
5. Remove the upper strut mounting nuts from the vehicle chassis.
6. Carefully remove the old strut assembly.
7. Install the new AUTOSAVER88 quick strut assembly, aligning the buckle holes.
8. Secure the upper mounting nuts and lower mounting bolts to the specified torque.
9. Reconnect any disconnected components (brake lines, ABS sensors, sway bar links).
10. Reinstall the wheel and lower the vehicle.
11. Perform a wheel alignment after installation to ensure proper vehicle handling and tire wear.

DIRECT REPLACEMENT

All mounting holes correspond with existing ones in the vehicle, requiring no modifications.

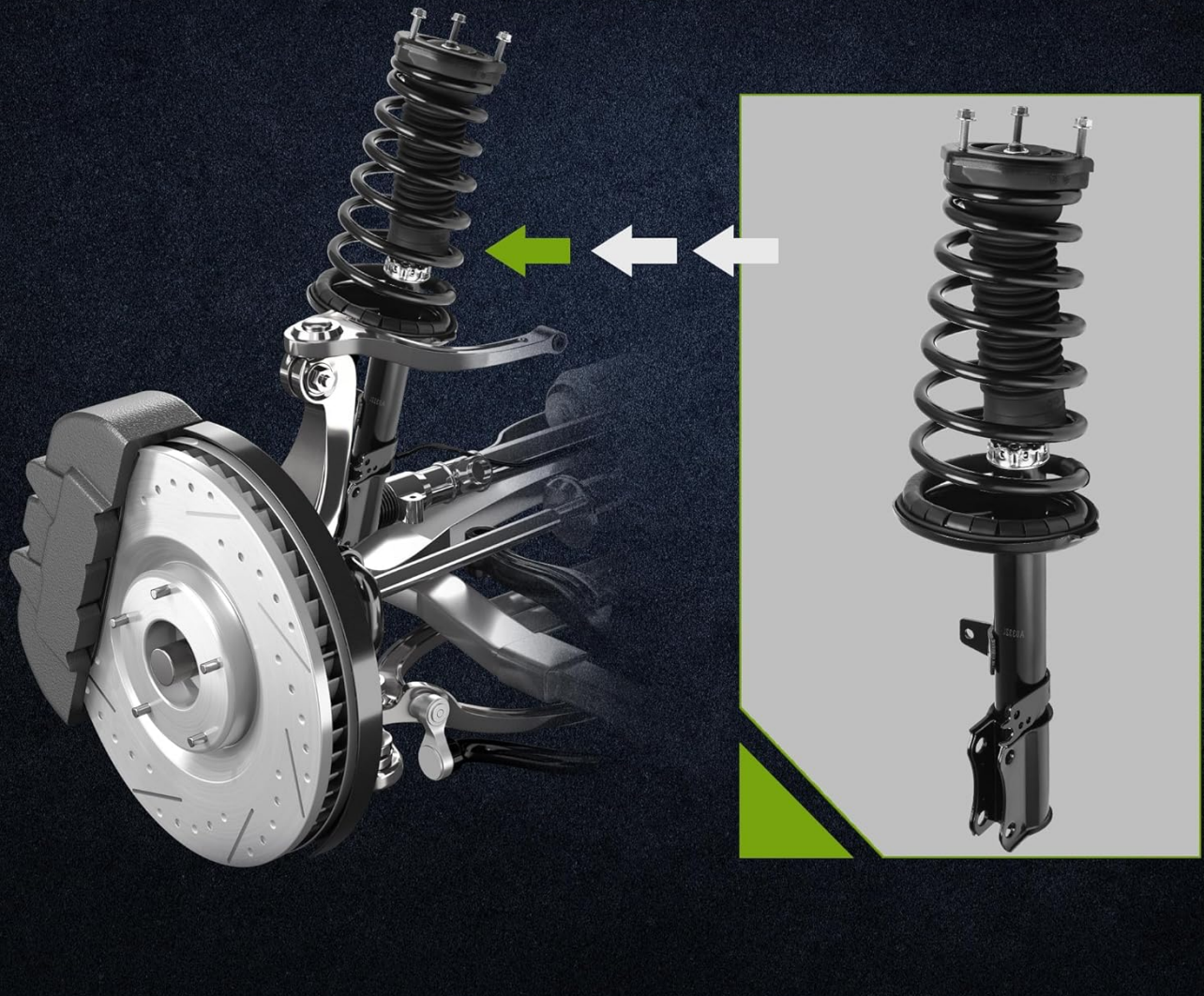


Figure 4.1: Direct Replacement. This image illustrates how the new quick strut assembly directly replaces the old unit, utilizing existing mounting points without requiring modifications.

5. OPERATING CONSIDERATIONS

After installing new quick struts, you should experience improved ride comfort, stability, and handling. The new struts are designed to restore your vehicle's original suspension performance.

- **Initial Driving:** Drive cautiously for the first few miles to allow the new components to settle.
- **Alignment:** A professional wheel alignment is crucial after strut replacement to prevent uneven tire wear and ensure proper steering.
- **Noise:** Any initial minor noises should subside as components settle. Persistent abnormal noises should be investigated.

6. MAINTENANCE

Proper maintenance of your vehicle's suspension system, including the quick struts, is essential for longevity and safety.

- **Regular Inspections:** Periodically inspect struts for signs of leakage, damage, or excessive wear on the dust boots.
- **Tire Rotation and Balance:** Maintain regular tire rotation and balancing schedules to minimize stress on suspension components.
- **Wheel Alignment:** Check wheel alignment annually or after any significant suspension work.
- **Cleanliness:** Keep the strut assemblies free from excessive dirt, debris, and corrosive materials.

7. TROUBLESHOOTING

It is recommended to replace existing struts if your vehicle exhibits any of the following symptoms:

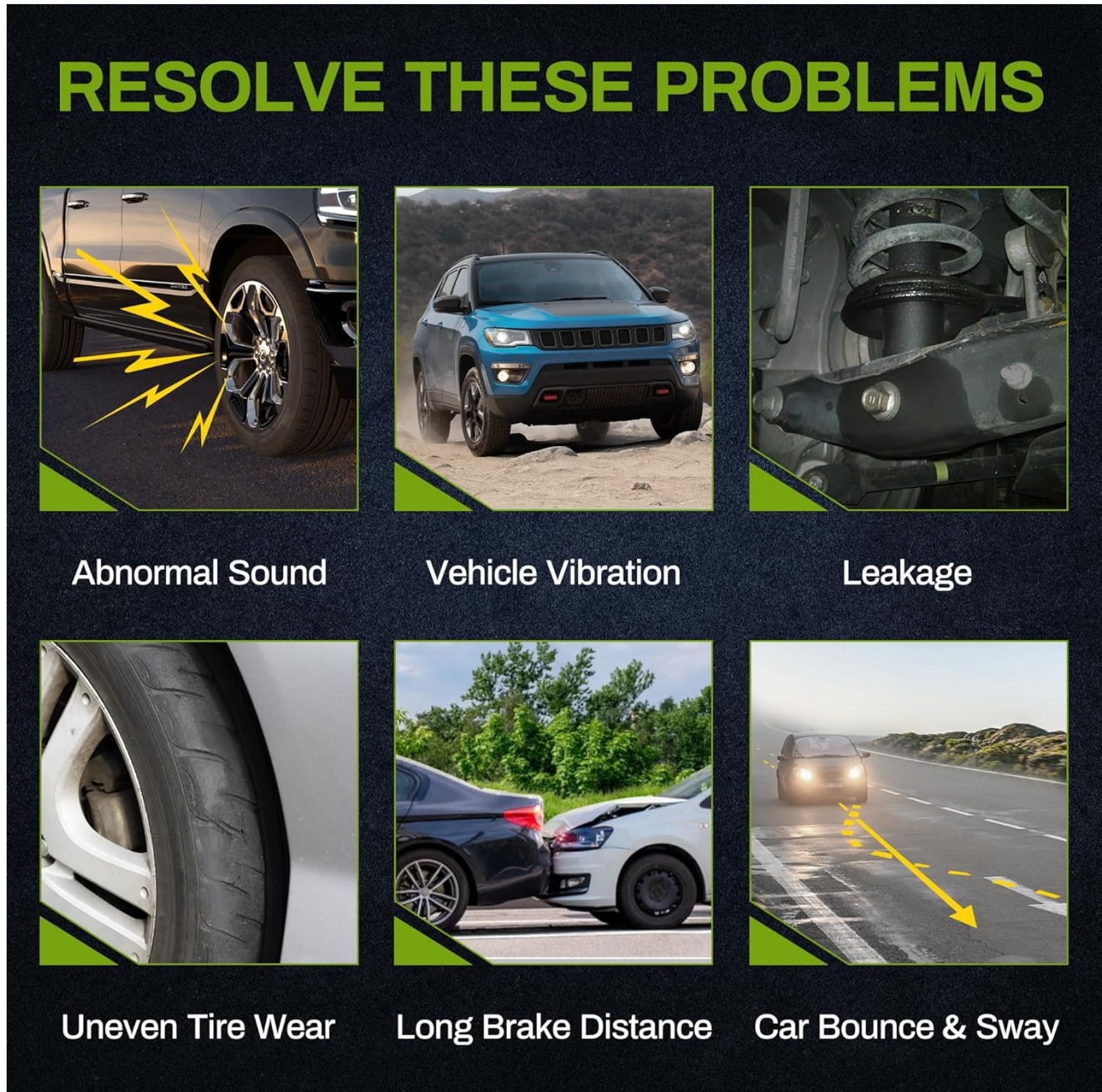


Figure 7.1: Common Strut-Related Problems. This image illustrates various issues that indicate worn or failing struts, such as abnormal noises, excessive vehicle vibration, fluid leakage, uneven tire wear, increased braking distance, and noticeable car bounce or sway.

- **Abnormal Sounds:** Clunking, rattling, or squeaking noises, especially over bumps.
- **Dipping/Sagging:** Vehicle dips excessively when carrying heavy loads or driving on uneven roads.
- **Uneven Tire Wear:** Scalloped or cupped wear patterns on tires.
- **Difficulty Controlling:** Poor steering response, wandering, or difficulty maintaining a straight line.

- **Poor Stability:** Excessive body roll during turns or nose-diving during braking.
- **Fluid Leaks:** Visible oil or fluid leaking from the strut body.

If you experience any of these issues after installation, re-check all connections and ensure proper torque. If problems persist, consult a qualified mechanic.

8. SPECIFICATIONS

Attribute	Detail
Brand	AUTOSAVER88
Model Number	YIYMM0012346WR
Manufacturer Part Number	A02OS10077
UPC	810076085678
Auto Part Position	Rear
Style	92-01 Rear 2.2L
Vehicle Service Type	Car
Exterior Finish	Polished
Material Type	Alloy Steel
Item Weight	49.38 Pounds (pair)
Included Components	2 rear complete struts

9. WARRANTY INFORMATION

This product is covered by a **1-year manufacturer warranty**. For warranty claims or detailed information, please contact AUTOSAVER88 customer support or refer to the official AUTOSAVER88 website.

10. SUPPORT

For further assistance, technical questions, or to report any issues, please contact AUTOSAVER88 customer service. You can also visit the official AUTOSAVER88 store on Amazon for more product information and support resources:
Visit the [AUTOSAVER88 Store](#)