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KYB C00635

KYB SM6000 Suspension Strut Support Mounting Repair Kit

Instruction Manual

1. INTRODUCTION

This manual provides essential information for the proper installation, function, and maintenance of the KYB SM6000 Suspension Strut Support Mounting Repair Kit. This kit is designed to replace worn or damaged original equipment components, restoring proper suspension performance and vehicle handling. It is intended for rear axle installation.

2. PRODUCT COMPONENTS

The KYB SM6000 Repair Kit typically includes the strut support mounting and a rubber isolator. These components work together to secure the top of the strut to the vehicle's chassis, allowing for smooth steering and absorbing road vibrations.



This image displays the two primary components of the KYB SM6000 Repair Kit: a metal strut support mounting and a rubber isolator. These parts are designed to replace worn or damaged original equipment.

3. INSTALLATION GUIDELINES

The KYB SM6000 Repair Kit is specifically designed for installation on the **rear axle** of compatible vehicles. Proper installation is critical for vehicle safety and performance. It is highly recommended that installation be performed by a qualified automotive technician using appropriate tools and safety procedures.

General Installation Steps (Consult Vehicle Service Manual for Specifics):

- Vehicle Preparation:** Safely lift and support the vehicle on jack stands. Remove the wheel and tire assembly.
- Access Strut Assembly:** Locate and access the rear strut assembly. This may require removing interior trim panels or other components depending on the vehicle model.
- Disassembly:** Carefully disconnect the strut from the vehicle's chassis and suspension components. Use a spring compressor to safely relieve tension from the coil spring before disassembling the strut.
- Component Replacement:** Remove the old, worn strut support mounting and rubber isolator. Install the new KYB SM6000 components, ensuring correct orientation and torque specifications as per the vehicle manufacturer's service manual.
- Reassembly:** Reassemble the strut assembly, ensuring all fasteners are tightened to the manufacturer's specified torque. Reinstall the strut assembly into the vehicle.
- Final Checks:** Lower the vehicle, re-install the wheel and tire, and perform a final inspection. It is recommended to have a wheel alignment performed after suspension component replacement.

Warning: Improper installation can lead to serious injury or vehicle damage. Always refer to the vehicle manufacturer's service manual for detailed, model-specific instructions and torque specifications.

4. FUNCTION AND PURPOSE

Once installed, the KYB SM6000 Repair Kit ensures the proper functioning of the vehicle's rear suspension system. The strut support mounting provides a secure attachment point for the strut, allowing it to pivot correctly during steering and suspension travel. The rubber isolator dampens noise and vibration, contributing to a smoother and quieter ride. A properly functioning strut mount is essential for maintaining wheel alignment, steering response, and overall vehicle stability.

5. MAINTENANCE AND INSPECTION

Regular inspection of suspension components is recommended to ensure longevity and optimal performance. While the KYB SM6000 Repair Kit is designed for durability, external factors can affect its lifespan.

Inspection Points:

- Visual Check:** Periodically inspect the strut support mounting for signs of cracking, tearing, or excessive wear in the rubber components.
- Noise:** Listen for unusual noises (e.g., clunking, popping, squeaking) coming from the rear suspension, especially over bumps or during turns.
- Handling:** Note any changes in vehicle handling, such as loose steering, excessive body roll, or uneven tire wear.

If any issues are detected, consult a qualified technician for diagnosis and potential replacement.

6. TROUBLESHOOTING COMMON ISSUES

If you experience problems after installation or notice signs of wear, consider the following common issues related to strut support mountings:

- **Clunking or Popping Noises:** Often indicates a worn or loose strut mount, or incorrect torque on fasteners.
- **Vibration:** Can be caused by a damaged or improperly seated rubber isolator, or other suspension components.
- **Poor Steering Response:** A failing strut mount can affect steering precision and vehicle stability.
- **Uneven Tire Wear:** Worn suspension components, including strut mounts, can lead to misalignment and premature tire wear.

If troubleshooting does not resolve the issue, professional diagnosis is recommended.

7. SPECIFICATIONS

Specification	Detail
Brand	KYB
Model Number	C00635
Manufacturer Part Number	C00635
Installation Axle	Rear Axle
ASIN	B0731537WM
Date First Available	August 23, 2017

8. WARRANTY AND CUSTOMER SUPPORT

For specific warranty information regarding the KYB SM6000 Repair Kit, please refer to the official KYB website or contact KYB customer support directly. Warranty terms and conditions may vary.

If you require technical assistance, have questions about product compatibility, or need to report an issue, please contact KYB customer service through their official channels. Always provide your product model number (C00635) and any relevant vehicle information when seeking support.

Official KYB Website: www.kyb.com