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> OMNI5 K2258 Engine Motor Mount Set User Manual

OMNI5 MK2258-02

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Compatible with 2006-2011 Audi A6 / 2006-2008 Audi A6 Quattro 3.2L

PRODUCT OVERVIEW

The OMNI5 K2258 Engine Motor Mount Set is designed to provide stable support for your vehicle's engine, reducing vibration and noise. This set includes two motor mounts, specifically engineered for the front left and front right positions. Each mount is a critical component in isolating engine vibrations from the chassis, contributing to a smoother and quieter ride. Over time, motor mounts can wear out, leading to increased engine movement, vibrations, and potential damage to other engine components.



Image: The OMNI5 K2258 Engine Motor Mount Set, showing both the front left and front right mounts. These components are crucial for engine stability and vibration dampening.

COMPATIBILITY

This motor mount set is compatible with the following Audi models:

- 2006-2011 Audi A6 3.2L

- **2006-2008 Audi A6 Quattro 3.2L**

The set includes:

- GP9406 / A6976 / 9406 : Motor Mount - Front Left
- GP9407 / A6977 / 9407 : Motor Mount - Front Right

Please verify your vehicle's make, model, and year to ensure proper fitment before installation.

SAFETY INFORMATION

Automotive repair can be dangerous. Always prioritize safety when working on your vehicle. It is recommended that installation be performed by a qualified mechanic.

- Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the vehicle is securely supported on jack stands or a lift before beginning any work. Never rely solely on a jack.
- Disconnect the battery's negative terminal before working on electrical components.
- Allow the engine to cool completely before handling any components.
- Refer to your vehicle's specific service manual for detailed instructions and torque specifications.

INSTALLATION (SETUP)

Replacing engine motor mounts typically involves lifting the engine slightly to relieve pressure on the mounts. The following is a general guide and may not cover all specific steps for your vehicle. Always consult your vehicle's service manual.

1. **Prepare the Vehicle:** Park the vehicle on a level surface, engage the parking brake, and block the wheels. Raise the front of the vehicle using a jack and secure it with jack stands.
2. **Access the Mounts:** Depending on the vehicle, you may need to remove underbody shields, air intake components, or other obstructions to gain access to the motor mounts.
3. **Support the Engine:** Place a block of wood on a floor jack and position it under the engine oil pan. Slowly raise the jack just enough to support the engine's weight, but do not lift the vehicle. This will relieve pressure on the motor mounts.
4. **Remove Old Mounts:** Locate the front left and front right motor mounts. Loosen and remove the bolts securing the mounts to the engine and the vehicle's subframe. Carefully remove the old, worn mounts.



Image: A detailed side view of one of the OMNI5 K2258 engine motor mounts, highlighting its robust construction and mounting points.

5. **Install New Mounts:** Position the new OMNI5 motor mounts in their respective locations. Ensure correct orientation (left and right mounts are distinct). Hand-tighten the bolts to secure the mounts to the engine and subframe.



Image: A top-down view of an OMNI5 K2258 engine motor mount, illustrating the primary bolt and additional securing points.

6. **Torque Bolts:** Once both mounts are in place and hand-tightened, slowly lower the engine jack, ensuring the engine settles correctly onto the new mounts. Torque all mounting bolts to the specifications provided in your vehicle's service manual.
7. **Reassemble:** Reinstall any components that were removed to access the mounts (e.g., air intake, underbody shields).
8. **Final Check:** Double-check all connections and ensure no tools or debris are left in the engine bay. Lower the vehicle safely.

OPERATING CONSIDERATIONS

After successful installation, you should notice a significant reduction in engine vibration and noise, particularly at idle and during acceleration. The new motor mounts will help restore the original ride quality and prevent excessive engine movement.

It is normal for new rubber components to have a slight odor for the first few days of operation. This should dissipate quickly.

MAINTENANCE

Engine motor mounts are wear-and-tear items and do not typically require routine maintenance. However, it is advisable to periodically inspect them during routine vehicle servicing (e.g., oil changes).

- Look for visible cracks, tears, or excessive compression in the rubber components.
- Check for any signs of fluid leakage (if hydraulic mounts) or corrosion on the metal parts.
- Ensure all mounting bolts remain tight.

If any signs of wear or damage are observed, consider replacement to maintain optimal vehicle performance and safety.

TROUBLESHOOTING

If you experience issues after installing new motor mounts or suspect your existing mounts are failing, consider the following:

Symptom	Possible Cause	Solution
Excessive engine vibration (especially at idle)	Worn or failed motor mounts; incorrect installation.	Inspect mounts for damage; ensure proper installation and torque.
Clunking or banging noises from engine bay	Engine hitting chassis due to failed mounts; loose mounting bolts.	Check mounts for severe damage; tighten all mounting bolts to spec.
Engine visibly moving excessively	Severely worn or broken mounts.	Immediate replacement of damaged mounts is required.

If troubleshooting steps do not resolve the issue, it is recommended to consult a professional mechanic.

SPECIFICATIONS

Attribute	Detail
Brand	OMNI5
Model Numbers	GP9406, GP9407
Item Model Number	MK2258-02
Manufacturer Part Number	MK2258-02
Interchange Numbers	A6976, A6977
Other Numbers	9406, 9407
Set Quantity	2 Motor Mounts (Front Left & Right)

WARRANTY INFORMATION

This OMNI5 product comes with a **Five-Year Warranty**. This warranty covers a one-time replacement for parts that are found to be defective due to manufacturing or material flaws under normal use and service.

For warranty claims or further details, please refer to the purchase documentation or contact the seller directly.

CUSTOMER SUPPORT

For any questions regarding the installation, compatibility, or performance of your OMNI5 K2258 Engine Motor Mount Set, please contact the seller or manufacturer through the platform where the purchase was made.

When contacting support, please have your product model number (MK2258-02) and purchase details readily available.

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This manual is for informational purposes only. Always consult a professional for complex automotive repairs.