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## OMNI5 MK1810-02

# OMNI5 K1810 Engine & Transmission Mount Set

Installation and Maintenance Guide for Chevrolet Equinox / Pontiac Torrent

## INTRODUCTION

This manual provides essential information for the proper installation, maintenance, and troubleshooting of the OMNI5 K1810 Engine and Transmission Mount Set. This set is engineered to support the engine and transmission, effectively reducing vibrations and maintaining correct powertrain alignment in compatible vehicles. Adherence to these instructions will help ensure optimal performance and longevity of the components.

## COMPATIBILITY

The OMNI5 K1810 Engine and Transmission Mount Set is compatible with the following vehicle models:

- 2005-2009 Chevrolet Equinox 3.4L
- 2006-2009 Pontiac Torrent 3.4L

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The OMNI5 K1810 set includes the following components:

- 1 x Front Motor Mount (Interchange Part Numbers: GP3110, A5324, 3110)
- 1 x Rear Transmission Mount (Interchange Part Numbers: GP3069, A3069, 3069)

## INSTALLATION (SETUP)

**Important Safety Precautions:** Always prioritize safety. Wear appropriate personal protective equipment (PPE) such as safety glasses and gloves. Ensure the vehicle is securely supported on jack stands on a level surface before performing any work underneath. Disconnect the vehicle's battery before beginning installation.

### Tools Required:

- Vehicle Jack and Jack Stands

- Socket Wrench Set
- Open-End Wrenches
- Torque Wrench
- Wood Block (for supporting engine/transmission)
- Penetrating Oil (optional)

### General Installation Procedure:

1. **Prepare Vehicle:** Safely lift the front of the vehicle and secure it on jack stands. Ensure the parking brake is engaged and the wheels are chocked.
2. **Support Powertrain:** Position a hydraulic jack with a wood block underneath the engine oil pan and another under the transmission housing to provide support. Apply slight upward pressure to relieve tension on the mounts.
3. **Locate and Remove Old Mounts:** Identify the front motor mount and rear transmission mount. Remove the bolts securing the old mounts to the engine/transmission and the vehicle frame. Carefully extract the old mounts.
4. **Install New Mounts:** Position the new OMNI5 mounts in their respective locations. Ensure correct orientation. Hand-tighten all bolts to secure the new mounts.
5. **Final Tightening:** Slowly lower the engine/transmission slightly to allow the new mounts to settle into position. Torque all mounting bolts to the vehicle manufacturer's specified values. *Refer to your vehicle's official service manual for precise torque specifications.*
6. **Complete Assembly:** Remove the jack and jack stands. Reconnect the vehicle's battery.

**Note:** This is a general guide. Specific steps and torque values may vary by vehicle. Always consult your vehicle's official service manual for detailed instructions.



Image: OMNI5 Front Motor Mount (GP3110 / A5324). This image shows the robust construction of the front motor mount, designed to absorb engine vibrations and maintain stability.



Image: OMNI5 Rear Transmission Mount (GP3069 / A3069). This image displays the rear transmission mount, crucial for supporting the transmission and dampening drivetrain movements.

## OPERATION

Engine and transmission mounts are passive components. Once installed, they continuously function to absorb vibrations generated by the engine and transmission, prevent excessive movement of the powertrain, and maintain proper alignment with the vehicle's chassis. No active user operation is required after installation.

## MAINTENANCE

Regular inspection of your engine and transmission mounts can help identify potential issues early and prevent further damage to other vehicle components.

- **Visual Inspection:** Periodically inspect the mounts for visible signs of wear, such as cracking, tearing, or separation of the rubber components. Check for any fluid leaks if the mounts are hydraulic.
- **Movement Check:** With the vehicle safely supported, observe the engine and transmission for excessive movement during gentle acceleration or when shifting gears (if applicable). Abnormal

movement can indicate a failing mount.

- **Replacement:** Replace mounts immediately if significant wear, damage, or excessive movement is observed. Failing mounts can lead to increased vibration, noise, and potential damage to drive shafts, exhaust systems, and other engine components.

## TROUBLESHOOTING

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If you experience any of the following symptoms, your engine or transmission mounts may require inspection or replacement:

- **Excessive Vibration:** Increased vibration felt in the steering wheel, floor, or seats, especially during idle, acceleration, or at specific engine RPMs.
- **Clunking or Banging Noises:** Audible clunking, banging, or thumping sounds, particularly when shifting gears, accelerating, braking, or driving over bumps.
- **Engine/Transmission Movement:** Visible or felt excessive movement of the engine or transmission when starting, stopping, or accelerating the vehicle.
- **Misalignment:** Components connected to the engine or transmission (e.g., exhaust pipes, drive shafts) showing signs of stress or misalignment.

**Solution:** If any of these symptoms are present, inspect the engine and transmission mounts thoroughly. Replace any damaged or worn mounts to restore proper vehicle function and comfort.

## SPECIFICATIONS

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- **Product Model:** MK1810-02 (Set)
- **Front Motor Mount Model:** GP3110
- **Rear Transmission Mount Model:** GP3069
- **Interchange Part Numbers:** A5324, A3069, 3110, 3069
- **Material:** Alloy Steel
- **Compatibility:** 2005-2009 Chevrolet Equinox 3.4L, 2006-2009 Pontiac Torrent 3.4L
- **Manufacturer:** Autopartsman Corporation
- **Brand:** OMNI5

## WARRANTY & SUPPORT

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**Warranty:** This OMNI5 product is backed by a five-year warranty, offering a one-time replacement for parts in case of manufacturing defects or premature failure under normal operating conditions.

**Support:** For warranty claims, technical assistance, or any product-related inquiries, please contact OMNI5 customer support or the authorized retailer from whom the product was purchased. Please have your purchase details and product model number (MK1810-02) available when contacting support.