

UnayKolb UK199-302

UnayKolb Engine Motor and Transmission Mount

INSTRUCTION MANUAL - MODEL UK199-302

1. Product Overview

This manual provides essential information for the installation, operation, maintenance, and troubleshooting of your UnayKolb Engine Motor and Transmission Mount. This component is designed to securely support the engine and transmission, reducing vibrations and ensuring stable vehicle operation.

2. Compatibility

This engine motor and transmission mount is compatible with the following vehicle models:

- **Hyundai Elantra:** 2001, 2002, 2003, 2004, 2005, 2006
- **Hyundai Tiburon:** 2003, 2004, 2007, 2008

Associated Part Numbers: A7115, 8947, EM8947, SKMA7115, 21810-2D000

3. Product Function

The primary function of this engine and transmission mount is to provide a stable and secure connection between the engine/transmission assembly and the vehicle's chassis. It absorbs engine vibrations and shocks, preventing them from being transmitted to the vehicle's cabin, thereby enhancing ride comfort and reducing noise. A properly functioning mount ensures the engine remains in its correct position, which is crucial for the alignment of drive components and overall vehicle performance.

4. Installation (Setup)

Installation of engine and transmission mounts typically requires specialized tools and mechanical expertise. It is highly recommended that installation be performed by a certified automotive technician. Improper installation can lead to vehicle damage, poor performance, or safety hazards.

General Installation Guidelines (for professional reference):

1. **Safety First:** Ensure the vehicle is securely lifted and supported on jack stands. Disconnect the

battery.

2. **Support Engine/Transmission:** Use an engine hoist or transmission jack to support the engine and transmission assembly before removing any mounts.
3. **Locate and Remove Old Mount:** Identify the mount to be replaced. Loosen and remove all bolts securing the old mount to the engine/transmission and the chassis. Carefully remove the old mount.
4. **Install New Mount:** Position the new UnayKolb mount (Model UK199-302) in place. Hand-tighten all bolts to ensure proper alignment.
5. **Tighten Bolts:** Refer to the vehicle's service manual for specific torque specifications for all mounting bolts. Tighten bolts to the manufacturer's recommended torque.
6. **Lower Engine/Transmission:** Carefully lower the engine/transmission assembly onto the new mount.
7. **Final Checks:** Reconnect the battery. Start the engine and check for proper alignment, excessive vibration, or unusual noises.



Figure 1: Front view of the UnayKolb Engine Motor and Transmission Mount (Model UK199-302).



Figure 2: Side view of the UnayKolb Engine Motor and Transmission Mount (Model UK199-302).

5. Operation

Once correctly installed, the UnayKolb Engine Motor and Transmission Mount will function automatically as part of your vehicle's drivetrain system. Its operation is passive, providing continuous support and vibration dampening for the engine and transmission during all driving conditions. You should experience reduced engine noise and vibration within the cabin, contributing to a smoother and more comfortable ride.

6. Maintenance

Engine and transmission mounts are wear-and-tear components. While they do not require routine lubrication or adjustments, periodic inspection is recommended as part of your vehicle's regular maintenance schedule. Inspect the mounts for:

- **Cracks or Tears:** Check the rubber components for any signs of cracking, tearing, or deterioration.
- **Fluid Leaks:** Some mounts are fluid-filled; check for any signs of fluid leakage.
- **Excessive Movement:** With the engine running and the vehicle safely secured, observe if the engine moves excessively when shifting gears or revving.
- **Corrosion:** Inspect metal parts for rust or corrosion.

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

7. Troubleshooting

If you experience any of the following symptoms after installation or during normal vehicle operation, it may indicate an issue with an engine or transmission mount:

- **Excessive Vibrations:** Increased vibration felt in the steering wheel, floor, or seats, especially at idle or under acceleration.
- **Loud Clunking Noises:** Audible clunking or banging sounds when accelerating, braking, or shifting gears.
- **Engine Movement:** Visible excessive movement of the engine when the vehicle is in gear or under load.
- **Misaligned Components:** Issues with drive belt alignment or other engine-related components due to engine sag.

If these symptoms occur, it is recommended to have the vehicle inspected by a professional mechanic to diagnose the root cause and perform necessary repairs.

8. Specifications

Attribute	Detail
Brand	UnayKolb
Model Number	UK199-302
Manufacturer Part Numbers	A7115, 8947, EM8947, SKMA7115, 21810-2D000
Compatible Vehicles	2001-2006 Hyundai Elantra, 2003-2004 Hyundai Tiburon, 2007-2008 Hyundai Tiburon

9. Warranty Information

This UnayKolb Engine Motor and Transmission Mount comes with a **one-year warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use and service. For warranty claims or further details, please retain your proof of purchase and contact UnayKolb customer support.

10. Support and Contact

For technical assistance, installation questions, or warranty inquiries, please contact UnayKolb customer support through the retailer where the product was purchased or visit the official UnayKolb website for contact information. Always provide your product model number (UK199-302) and purchase details when

seeking support.