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› AUTO XTRA 9236 Transmission Mount Instruction Manual

AUTO XTRA 9236

AUTO XTRA 9236 Transmission Mount Instruction Manual

Model: 9236

1. INTRODUCTION AND OVERVIEW

The AUTO XTRA 9236 Transmission Mount is a critical component designed to secure the transmission to the vehicle's chassis. Its primary function is to support the weight of the transmission, absorb vibrations, and reduce noise, ensuring a smoother and more stable driving experience. This manual provides essential information regarding the product's features, compatibility, installation, maintenance, and troubleshooting.

2. PRODUCT FEATURES

- Designed as a direct replacement transmission mount.
- Product Dimensions: 6.000in x 9.438in x 7.063in.
- Product Weight: 4 lbs.
- Constructed from durable Alloy Steel for longevity.
- Black finish.



Figure 2.1: Front view of the AUTO XTRA 9236 Transmission Mount, showing its robust construction and mounting points.

3. COMPATIBILITY

This transmission mount is specifically designed to fit the following vehicle models:

- Toyota Highlander (2001-2003 models)

Always verify compatibility with your vehicle's specific make, model, and year before installation. Consult your vehicle's service manual or a qualified mechanic if unsure.

4. INSTALLATION GUIDE

Installation of a transmission mount requires mechanical knowledge and specialized tools. It is highly recommended that

this procedure be performed by a certified automotive technician. Improper installation can lead to vehicle damage or personal injury.

4.1 Safety Precautions

- Ensure the vehicle is securely supported on jack stands or a lift. Never work under a vehicle supported only by a jack.
- Disconnect the vehicle's battery to prevent accidental electrical shorts.
- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Allow the engine and transmission to cool down before beginning work.

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

1. Locate the existing transmission mount. It is typically found supporting the transmission from below or the side.
2. Support the transmission using a transmission jack or a suitable support tool to relieve pressure on the mount.
3. Carefully unbolt and remove the old transmission mount. Note the orientation of the old mount for correct installation of the new one.
4. Position the new AUTO XTRA 9236 Transmission Mount in place, ensuring proper alignment with the mounting points on the transmission and chassis.
5. Install the bolts, tightening them to the torque specifications provided in your vehicle's service manual. Do not overtighten.
6. Slowly lower the transmission jack, ensuring the transmission settles correctly onto the new mount.
7. Reconnect the battery.
8. Perform a visual inspection to confirm all connections are secure and there are no obstructions.



Figure 4.1: Side view of the transmission mount, illustrating its profile and bolt locations.



Figure 4.2: Alternative side view, showing the mounting bracket design.

5. OPERATING PRINCIPLES

Once installed, the AUTO XTRA 9236 Transmission Mount functions by providing a stable connection between the transmission and the vehicle's frame. It is designed to:

- **Support Weight:** Bear the static weight of the transmission.
- **Absorb Vibrations:** Dampen vibrations generated by the transmission and engine, preventing them from being transferred to the vehicle's cabin.
- **Limit Movement:** Control the movement of the transmission during acceleration, braking, and cornering, ensuring proper alignment with other drivetrain components.

A properly functioning transmission mount contributes to overall vehicle stability, reduced cabin noise, and extended lifespan of other drivetrain components.

6. MAINTENANCE

Transmission mounts are wear-and-tear items and do not typically require routine maintenance beyond periodic inspection. It is recommended to:

- **Visual Inspection:** During routine vehicle service (e.g., oil changes), visually inspect the transmission mount for signs of wear, cracking, or separation of the rubber components.
- **Check for Leaks:** Ensure there are no fluid leaks from the transmission that could degrade the mount's rubber.
- **Bolt Tightness:** Periodically check that all mounting bolts are securely tightened.

Replace the mount if any signs of significant wear or damage are observed.

7. TROUBLESHOOTING

A failing transmission mount can manifest several symptoms. If you experience any of the following, it may indicate that your transmission mount needs inspection or replacement:

- **Excessive Vibrations:** Increased vibrations felt in the steering wheel, floorboard, or seats, especially during acceleration or at specific RPMs.
- **Clunking or Banging Noises:** Audible clunking or banging sounds coming from under the vehicle, particularly when shifting gears, accelerating, or going over bumps.
- **Harsh Shifts:** Noticeably rough or harsh gear shifts.
- **Engine/Transmission Movement:** Visible excessive movement of the engine or transmission when the vehicle is put into gear or accelerated.

If you suspect a faulty transmission mount, it is advisable to have your vehicle inspected by a qualified mechanic promptly to prevent further damage to the drivetrain.



Figure 7.1: Angled view of the transmission mount, highlighting its structural integrity.

8. SPECIFICATIONS

Attribute	Value
Brand	AUTO XTRA
Model Number	9236
Manufacturer	Anchor
Mounting Type	Chassis Mount
Material	Alloy Steel

Attribute	Value
Color	Black
Product Dimensions (L x W x H)	7 x 6.36 x 5.22 inches
Item Weight	0.01 ounces (Note: Product feature bullets also list a "Product Weight" of 4 lbs.)
UPC	081106092366
Date First Available	March 4, 2010

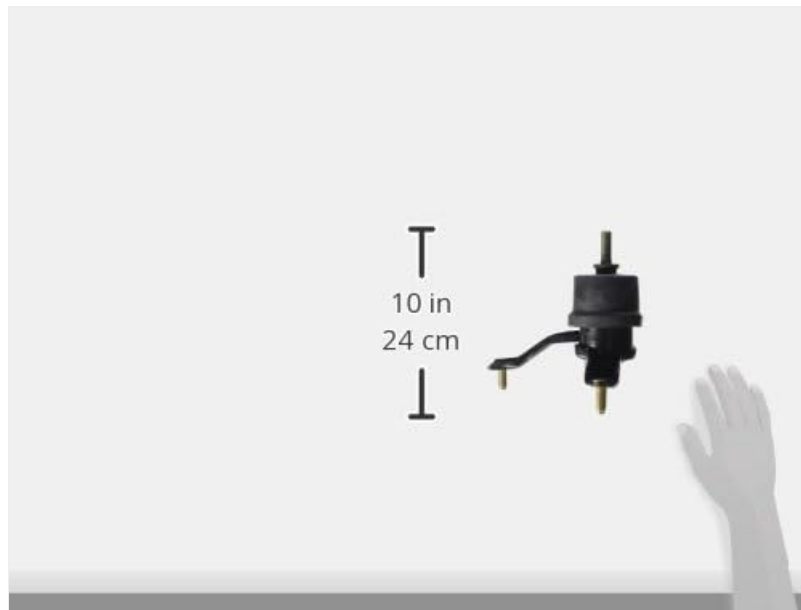


Figure 8.1: Diagram illustrating the approximate dimensions of the transmission mount.

9. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please contact AUTO XTRA directly or the authorized retailer from whom the product was purchased. Keep your proof of purchase for any warranty claims. For general inquiries or assistance, refer to the contact information provided on the official AUTO XTRA website or product packaging.

