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› AUTO XTRA 9583 Engine Mount User Manual

AUTO XTRA 9583

AUTO XTRA 9583 Engine Mount User Manual

Model: 9583

INTRODUCTION

This manual provides essential information regarding the AUTO XTRA 9583 Engine Mount. This part is designed to fit specific Lexus LS400 models from 1990 to 2000 with a 4.0L V8 engine. Engine mounts are critical components that secure the engine to the vehicle's frame, absorbing vibrations and shocks to ensure a smooth and stable ride.

The AUTO XTRA 9583 engine mount is engineered for durability and performance, providing reliable support for your vehicle's engine. Proper installation and periodic inspection are crucial for the longevity and effectiveness of this component.

SAFETY INFORMATION

Always prioritize safety when working on a vehicle. Improper installation or handling of automotive parts can lead to serious injury or damage to the vehicle.

- Ensure the vehicle is securely supported on jack stands or a lift before beginning any work. Never rely solely on 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 exhaust system to cool down completely before working to avoid burns.
- If you are not experienced with automotive repairs, it is highly recommended to seek professional assistance for the installation of this part.

SETUP AND INSTALLATION

Installation of an engine mount requires specific tools and knowledge of automotive mechanics. The following steps are general guidelines; always refer to your vehicle's specific service manual for detailed, model-specific instructions and torque specifications.

1. **Preparation:** Park the vehicle on a level surface, engage the parking brake, and block the wheels. Raise the vehicle and support it securely.

2. **Engine Support:** Use an engine hoist or a jack with a wooden block to support the engine from below. Ensure the engine is adequately supported to prevent it from dropping when the old mount is removed.
3. **Locate and Remove Old Mount:** Identify the engine mount to be replaced. Loosen and remove the bolts securing the old engine mount to both the engine and the vehicle frame. Carefully remove the old mount.
4. **Install New Mount:** Position the new AUTO XTRA 9583 engine mount in place. Align the bolt holes.
5. **Secure New Mount:** Insert and hand-tighten the bolts that secure the new mount to the engine and frame.
6. **Torque Bolts:** Refer to your vehicle's service manual for the correct torque specifications for all bolts. Tighten the bolts to the specified torque using a torque wrench.
7. **Lower Engine:** Carefully lower the engine, ensuring it settles correctly onto the new mount. Remove the engine support.
8. **Final Checks:** Double-check all connections and ensure no tools or debris are left in the engine bay. Lower the vehicle.



Image: Front view of the AUTO XTRA 9583 Engine Mount, showing its robust construction and mounting points.



Image: Side view of the AUTO XTRA 9583 Engine Mount, highlighting its dimensions and design for vibration dampening.

OPERATING PRINCIPLE

The AUTO XTRA 9583 engine mount functions as a critical interface between the engine and the vehicle's chassis. Its primary roles are:

- **Engine Support:** It physically holds the engine and transmission in place, preventing excessive movement during acceleration, braking, and cornering.
- **Vibration Dampening:** The rubber or hydraulic components within the mount absorb vibrations generated by the engine, preventing them from being transmitted to the vehicle's cabin, thus ensuring a smoother and quieter ride.
- **Noise Reduction:** By isolating engine vibrations, the mount also contributes to reducing overall

noise levels inside the vehicle.

Once installed, the engine mount operates continuously without requiring user intervention.

MAINTENANCE

Engine mounts are designed for long-term durability, but like all automotive components, they can wear out over time. Regular maintenance involves periodic inspection rather than active servicing.

- **Visual Inspection:** During routine vehicle maintenance (e.g., oil changes), visually inspect the engine mounts for signs of wear, cracking, tearing of the rubber, or fluid leaks (if hydraulic).
- **Check for Excessive Movement:** With the vehicle safely supported, gently attempt to rock the engine. Excessive movement or clunking sounds can indicate a worn mount.
- **Professional Assessment:** If any signs of wear or damage are observed, or if you experience increased vibrations or noise, have the mounts professionally inspected by a qualified mechanic.

Replacing a worn engine mount promptly can prevent further damage to other engine components and improve driving comfort.

TROUBLESHOOTING

Symptoms of a failing engine mount can often be mistaken for other vehicle issues. If you experience any of the following, consider having your engine mounts inspected:

- **Excessive Vibrations:** Increased vibration felt in the steering wheel, floor, or seats, especially at idle or specific RPMs.
- **Loud Clunking or Banging Noises:** Sounds coming from the engine bay during acceleration, braking, shifting gears, or going over bumps. This indicates the engine is moving excessively and hitting other components.
- **Engine Movement:** Visible excessive movement of the engine when starting, stopping, or shifting gears.
- **Misaligned Components:** In severe cases, a failed mount can cause engine components (like exhaust pipes) to become misaligned.

If you suspect a faulty engine mount, it is advisable to consult a professional mechanic for accurate diagnosis and repair.

SPECIFICATIONS

Attribute	Detail
Model Number	9583
Brand	AUTO XTRA
Manufacturer	Anchor
Part Type	Engine Mount Front-Left/Right
Compatible Vehicles	90-00 Lexus LS400 4.0L-V8
Item Weight	1 pounds

Attribute	Detail
Product Dimensions	6.9 x 5.6 x 3.7 inches
Interchangeable Part Numbers	102068, 104-1816, 17296, 2010-501154, 8647HY, A7296, B7296, EM-5143, SKMA7296
Item Package Quantity	1

WARRANTY AND SUPPORT

For information regarding warranty coverage for your AUTO XTRA 9583 Engine Mount, please refer to the warranty documentation provided at the time of purchase or contact the seller directly. Warranty terms can vary based on the retailer and region.

If you require technical assistance or have questions about the product, please reach out to the AUTO XTRA customer support or the retailer from whom you purchased the item. Keep your purchase receipt handy for any inquiries.

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This manual is for informational purposes only. Always consult a qualified professional for vehicle repairs.