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- › [AED](#) /
- › [DEA A5585 Front Right Engine Mount User Manual](#)

### AED A5585

## DEA A5585 Front Right Engine Mount User Manual

Brand: AED | Model: A5585

### PRODUCT OVERVIEW

The DEA A5585 is a front right engine mount designed for specific automotive applications. This component plays a crucial role in securing the engine to the vehicle's chassis, absorbing vibrations, and ensuring smooth operation. It is manufactured to meet or exceed original equipment specifications, providing reliable performance and durability.



Image: The DEA A5585 Front Right Engine Mount, showcasing its robust metal frame and central rubber dampening component designed to absorb engine vibrations.

## Key Features:

- Manufactured using high-quality raw materials for durability.
- Designed to meet or exceed original mount's specifications.
- Trusted manufacturer with over 30 years of industry experience in engine and transmission mounts.
- Ensures proper engine alignment and reduces vibration.

## INSTALLATION GUIDELINES

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Installation of an engine mount requires specialized tools and automotive knowledge. It is highly recommended that this part be installed by a certified professional mechanic to ensure proper fitment, safety, and vehicle performance.

### Vehicle Compatibility:

- Saturn Astra: 2008-2009

Always verify part compatibility with your specific vehicle's make, model, and year before proceeding with installation.

### General Installation Steps (Professional Guidance Recommended):

1. **Safety First:** Ensure the vehicle is securely lifted and supported on jack stands. Disconnect the battery.
2. **Engine Support:** Use an engine hoist or jack with a wooden block to support the engine's weight from below.
3. **Access:** Locate the front right engine mount. This may require removing other components for access.
4. **Removal:** Carefully unbolt the old engine mount from both the engine and the chassis. Note the orientation for reinstallation.
5. **Installation:** Position the new DEA A5585 engine mount. Hand-tighten all bolts first, then torque to manufacturer's specifications.
6. **Final Checks:** Lower the engine slowly, ensuring no components are pinched. Reconnect any disconnected parts and the battery.
7. **Test Drive:** Perform a short test drive to confirm proper function and absence of unusual vibrations or noises.

*Note: These are general steps. Consult your vehicle's service manual for precise, model-specific instructions and torque specifications.*

## FUNCTION AND PURPOSE

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While engine mounts do not have "operating" instructions in the traditional sense, understanding their function is key to vehicle maintenance. The DEA A5585 engine mount serves two primary purposes:

- **Engine Support:** It securely holds the engine and transmission in place within the engine bay, preventing excessive movement during acceleration, braking, and cornering.
- **Vibration Dampening:** The rubber components within the mount absorb vibrations and noise generated by the engine, preventing them from being transferred to the vehicle's chassis and cabin, thus ensuring a smoother and quieter ride.

## MAINTENANCE

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Engine mounts are wear-and-tear components and do not require routine maintenance beyond periodic inspection. It is advisable to have your engine mounts inspected during routine vehicle servicing, typically every 50,000 to 100,000 miles, or if you notice any symptoms of failure.

Inspection Points:

- **Visual Inspection:** Look for cracks, tears, or excessive compression in the rubber components.
- **Fluid Leaks:** Some hydraulic mounts contain fluid; check for any signs of leakage.
- **Excessive Movement:** With the vehicle safely supported, gently rock the engine to check for excessive play or clunking sounds.

TROUBLESHOOTING COMMON ISSUES

Symptoms of a failing engine mount can often be mistaken for other vehicle problems. If you experience any of the following, it may indicate a worn or damaged engine mount:

- **Excessive Vibrations:** Increased vibration felt in the steering wheel, floorboard, or seats, especially at idle or during acceleration.
- **Loud Clunking or Banging Noises:** Sounds coming from the engine bay, particularly when shifting gears, accelerating, or going over bumps.
- **Engine Movement:** Visible excessive movement of the engine when starting, stopping, or accelerating.
- **Misaligned Engine:** In severe cases, a completely failed mount can cause the engine to sag or shift, leading to misalignment of other components.

If you suspect an engine mount issue, it is crucial to have your vehicle inspected by a qualified mechanic promptly to prevent further damage to other vehicle components.

SPECIFICATIONS

Attribute	Value
Manufacturer	DEA
Brand	AED
Model	A5585
Item Weight	1.9 pounds
Product Dimensions	5.89 x 5.22 x 8.32 inches
Item Model Number	A5585
Manufacturer Part Number	A5585
Date First Available	June 27, 2015

IMPORTANT SAFETY INFORMATION

Always prioritize safety when working on vehicles. Ensure the vehicle is stable and secured. Wear appropriate personal protective equipment (PPE) such as safety glasses and gloves. If you are not confident in your ability to perform the installation or diagnosis, seek assistance from a qualified automotive technician.

This manual provides general information for the DEA A5585 Front Right Engine Mount. For specific vehicle repair procedures, always refer to the official service manual for your vehicle.