

## AED A4549

# DEA A4549 Front Engine Mount Instruction Manual

Model: A4549 | Brand: AED

## 1. INTRODUCTION

The DEA A4549 Front Engine Mount is a critical component designed to secure your vehicle's engine to the chassis. Its primary function is to support the engine's weight, absorb vibrations, and dampen noise, ensuring a smoother and quieter ride. This manual provides essential information regarding its compatibility, installation, operation, and maintenance.



An image showing the DEA A4549 Front Engine Mount, a metal bracket with a rubber bushing designed to support the engine and absorb vibrations.

## 2. COMPATIBILITY

This engine mount is engineered to fit specific vehicle models. It is crucial to verify compatibility with your vehicle before installation to ensure proper fitment and performance. The DEA A4549 Front Engine Mount is compatible with the following vehicles:

- Acura CSX (2006 - 2011) - Front Motor Mount
- Acura RSX (2002 - 2006) - Front Motor Mount
- Honda Civic (2002 - 2011) - Front Motor Mount
- Honda CR-V (2002 - 2006) - Front Motor Mount
- Honda Element (2003 - 2009) - Front Motor Mount

*Please consult your vehicle's service manual or a qualified mechanic to confirm exact fitment for your specific model year and trim.*

### 3. KEY FEATURES

The DEA A4549 Front Engine Mount offers several features designed for reliable performance:

- Manufactured by DEA Products, Inc., a trusted name in engine and transmission mounts for over 30 years.
- Constructed using high-quality raw materials for durability and longevity.
- Products are rigorously tested to meet or exceed original equipment manufacturer (OEM) specifications.
- Designed to provide effective vibration dampening and engine support.

### 4. INSTALLATION GUIDE

**Warning: Installation of engine mounts can be complex and requires specialized tools and knowledge. It is highly recommended that installation be performed by a certified professional mechanic.**

Incorrect installation can lead to vehicle damage, injury, or premature failure of the part. The following are general steps and considerations for installation:

1. **Safety First:** Ensure the vehicle is securely lifted and supported on jack stands. Disconnect the battery.
2. **Engine Support:** Properly support the engine using an engine hoist or a jack with a wooden block under the oil pan to prevent it from dropping when the old mount is removed.
3. **Locate and Remove Old Mount:** Identify the front engine mount. Loosen and remove all bolts securing the old mount to the engine and chassis. Note the orientation of the old mount.
4. **Install New Mount:** Carefully position the new DEA A4549 mount in place. Align the bolt holes.
5. **Secure Bolts:** Hand-tighten all bolts first. Refer to your vehicle's service manual for specific torque specifications for each bolt. Tighten bolts to the manufacturer's recommended torque.
6. **Lower Engine:** Slowly lower the engine, ensuring it settles correctly onto the new mount.
7. **Final Checks:** Reconnect the battery. Start the vehicle and check for any unusual noises or vibrations.

*Always refer to your vehicle's specific service manual for detailed, model-specific installation instructions and torque specifications.*

### 5. OPERATION

The DEA A4549 Front Engine Mount operates passively by providing a stable connection between the engine and the vehicle's frame. Its internal rubber components are designed to absorb the natural vibrations produced by the engine during operation, preventing them from being transferred to the vehicle's cabin. This results in a smoother, quieter driving experience and reduces stress on other vehicle components.

Once installed, the engine mount continuously performs its function without requiring user interaction.

## 6. MAINTENANCE

Engine mounts are wear-and-tear items and do not typically require routine maintenance. However, periodic inspection is recommended as part of your vehicle's overall maintenance schedule:

- **Visual Inspection:** During oil changes or other under-hood inspections, visually check the engine mount for signs of wear, cracking, or separation of the rubber components. Look for excessive rust or damage to the metal bracket.
- **Check for Leaks:** Some hydraulic engine mounts can leak fluid. While this model is not specified as hydraulic, it's good practice to check for any fluid leaks around the mount.
- **Listen for Noises:** Pay attention to any new or increased vibrations, clunking, or banging noises coming from the engine bay, especially during acceleration, braking, or shifting gears. These can be indicators of a failing mount.

If any signs of wear or failure are observed, it is advisable to have the mount inspected and replaced by a qualified mechanic.

## 7. TROUBLESHOOTING

A failing engine mount can manifest in several ways. If you experience any of the following symptoms, your DEA A4549 Front Engine Mount may need inspection or replacement:

| Symptom                                                                                                         | Possible Cause (Engine Mount Related)                                                                                     |
|-----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| Excessive engine vibration felt in the cabin or steering wheel                                                  | Worn or deteriorated rubber in the mount, reducing vibration dampening.                                                   |
| Loud clunking or banging noises from the engine bay                                                             | Engine shifting excessively due to a broken or separated mount, especially during acceleration, braking, or gear changes. |
| Engine appears to be sagging or misaligned                                                                      | Complete failure or collapse of the mount.                                                                                |
| Increased engine movement when shifting gears (automatic transmission) or engaging clutch (manual transmission) | Mount unable to adequately restrain engine torque.                                                                        |

*If you suspect an issue with your engine mount, it is best to have your vehicle inspected by a qualified mechanic to diagnose the problem accurately.*

## 8. SPECIFICATIONS

Detailed specifications for the DEA A4549 Front Engine Mount:

| Attribute    | Value        |
|--------------|--------------|
| Manufacturer | DEA Products |

| Attribute                          | Value                       |
|------------------------------------|-----------------------------|
| Brand                              | AED                         |
| Model                              | A4549                       |
| Product Dimensions (L x W x H)     | 11.99 x 10.93 x 5.42 inches |
| Item Model Number                  | A4549                       |
| Manufacturer Part Number           | A4549                       |
| ASIN                               | B0080PUB6U                  |
| UPC                                | 139861280563                |
| Global Trade Identification Number | 00139861280563              |
| Date First Available               | August 7, 2010              |

## 9. WARRANTY AND SUPPORT

For specific warranty information regarding the DEA A4549 Front Engine Mount, please refer to the manufacturer's official documentation included with your purchase or visit the DEA Products website. Warranty terms typically cover manufacturing defects for a specified period from the date of purchase.

For technical support, installation inquiries, or warranty claims, please contact DEA Products directly through their official customer service channels. Ensure you have your purchase details and the product's model number (A4549) readily available when contacting support.

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Question

Example: How do I reset this device or fix this error?

**Details**

Model number, symptoms, what you tried, or the section of the manual you are using.

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