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Dea A3415

DEA A3415 Front Left Engine Mount User Manual

Model: A3415 | Brand: Dea

PRODUCT OVERVIEW

The DEA A3415 is a front left engine mount designed for specific vehicle applications. This component is crucial for supporting the engine and transmission, absorbing vibrations, and ensuring proper alignment within the vehicle's chassis. Manufactured by DEA Products, Inc., this part is produced using high-quality materials and is tested to meet or exceed original equipment specifications.

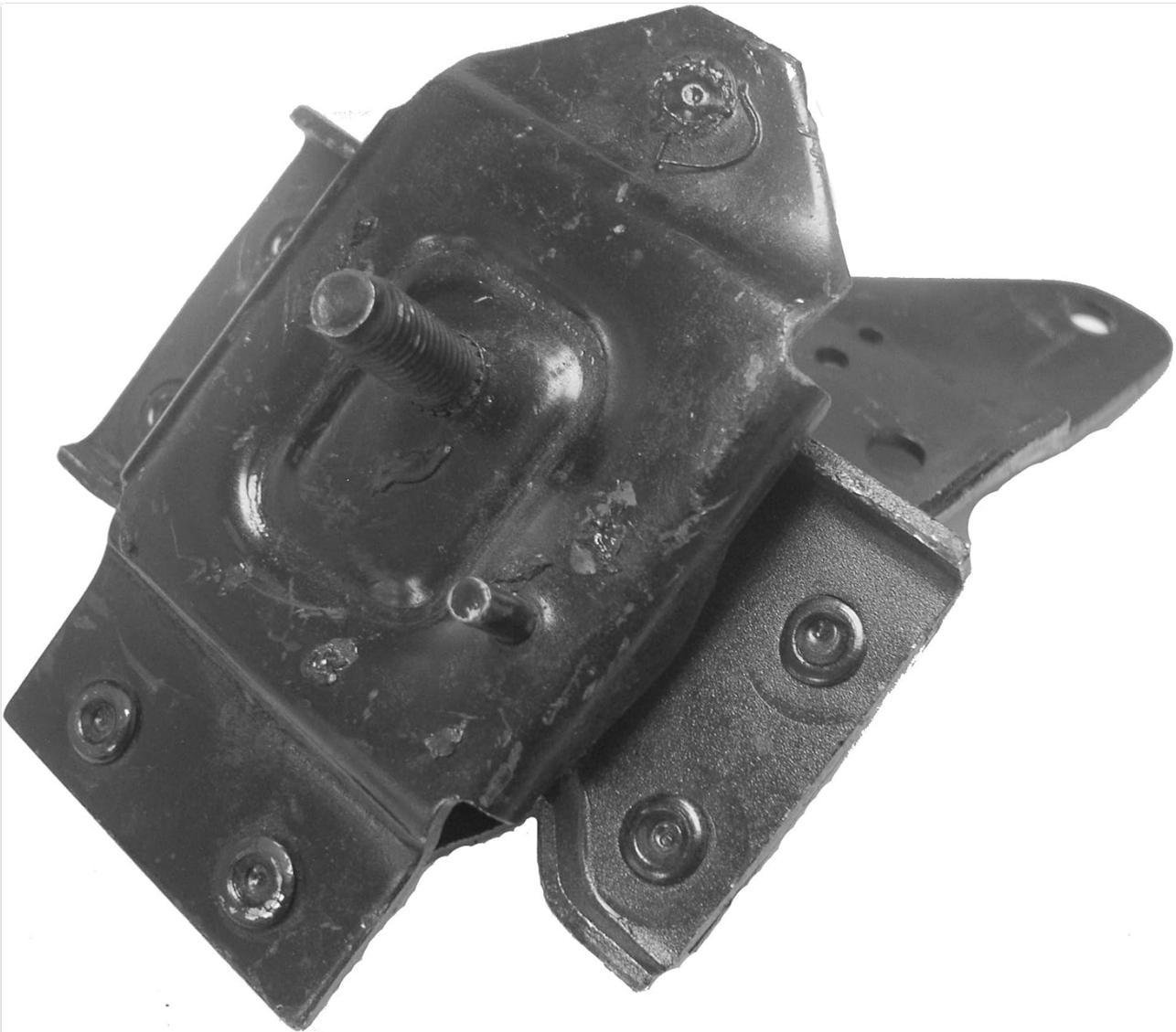


Figure 1: The DEA A3415 Front Left Engine Mount. This image displays the black metal engine mount with various mounting points and a threaded stud protruding from the top surface. The component appears robust and designed for structural support.

Key Features:

- Designed to fit select vehicle applications. Verification of fitment for your specific vehicle is essential.
- Manufactured by DEA Products, Inc., a company with over 30 years of experience in engine and transmission mounts.
- Constructed from high-quality raw materials to ensure durability and performance.
- Rigorously tested to meet or exceed original mount specifications.

COMPATIBILITY INFORMATION

The DEA A3415 Front Left Engine Mount is compatible with the following vehicle models. It is imperative to verify this part fits your specific vehicle before installation, as this list may not be exhaustive or may require specific trim level considerations.

- **Ford Escort:** 1984 - 1987 (Front Left Motor Mount)
- **Ford Tempo:** 1984 - 1986 (Front Left Motor Mount)
- **Mercury Lynx:** 1984 - 1987 (Front Left Motor Mount)
- **Mercury Topaz:** 1984 - 1986 (Front Left Motor Mount)

Note: Always cross-reference with your vehicle's specific part requirements or consult a qualified mechanic.

SETUP AND INSTALLATION

Installation of an engine mount 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, reduced performance, or safety hazards.

Safety Precautions:

- Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the vehicle is securely supported on jack stands or a lift before working underneath it. Never rely solely on a jack.
- Disconnect the vehicle's battery to prevent accidental electrical discharge.
- Allow the engine and exhaust system to cool down completely before beginning work.
- Refer to your vehicle's specific service manual for detailed, model-specific installation procedures and torque specifications.

General Installation Steps (Consult Vehicle Manual for Specifics):

1. Safely lift and support the vehicle.
2. Support the engine using an engine hoist or a jack with a wooden block under the oil pan, ensuring the engine is adequately supported to prevent it from dropping.
3. Locate the existing front left engine mount.
4. Carefully remove any components obstructing access to the mount.
5. Unbolt the old engine mount from the engine and the vehicle frame/subframe. Note the orientation of the old mount.
6. Remove the old mount.
7. Position the new DEA A3415 engine mount in the correct orientation.
8. Install the bolts, hand-tightening them initially.
9. Lower the engine slowly, ensuring the mount aligns properly.
10. Torque all bolts to the manufacturer's specified values using a torque wrench. Refer to your vehicle's service manual for these specifications.
11. Reinstall any removed components.
12. Lower the vehicle safely.
13. Reconnect the battery.

OPERATING CONSIDERATIONS

Once installed, the engine mount operates passively by supporting the engine and dampening vibrations. No active operation is required from the user. The primary function is to maintain engine stability and reduce noise and vibration transferred to the vehicle's chassis.

After installation, it is advisable to perform a short test drive to ensure proper function and absence of unusual noises or vibrations. If any issues are detected, re-check the installation and torque specifications, or consult a professional mechanic.

MAINTENANCE

Engine mounts are wear-and-tear components and do not typically require routine maintenance. However, periodic

inspection is recommended as part of your vehicle's general maintenance schedule.

Inspection Points:

- **Visual Inspection:** Check for cracks, tears, or excessive compression in the rubber components of the mount.
- **Fluid Leaks:** Some engine mounts are fluid-filled; check for any signs of fluid leakage.
- **Excessive Movement:** With the engine running (and vehicle safely secured), observe if the engine exhibits excessive movement or rocking, which could indicate a worn mount.
- **Noise and Vibration:** Listen for new or increased knocking, clunking, or vibration noises, especially during acceleration, deceleration, or shifting gears.

If any signs of wear or damage are observed, the engine mount should be replaced to prevent further damage to other vehicle components and maintain ride comfort.

TROUBLESHOOTING

Common issues related to engine mounts typically manifest as noise, vibration, or harshness (NVH) symptoms. If you experience any of the following, an inspection of the engine mount is warranted:

- **Excessive Engine Movement:** The engine appears to rock or move excessively when starting, stopping, or accelerating.
- **Clunking or Knocking Noises:** Sounds originating from the engine bay, particularly during gear changes, acceleration, or when going over bumps.
- **Increased Vibrations:** Noticeable vibrations felt through the steering wheel, floorboard, or seats, especially at idle or specific RPMs.
- **Misalignment:** Visible misalignment of the engine or transmission.

If these symptoms occur, it is recommended to have the vehicle inspected by a qualified mechanic to diagnose the exact cause and replace the engine mount if necessary.

SPECIFICATIONS

Attribute	Detail
Manufacturer	DEA Products
Brand	Dea
Model Number	A3415
Product Dimensions	20.65 x 12.75 x 20.65 cm
Item Weight	2.05 kg
Assembly Required	No
ASIN	B0067UE9H2
Date First Available	10 October 2007

WARRANTY AND SUPPORT

For specific warranty information regarding the DEA A3415 Front Left Engine Mount, please refer to the

documentation provided with your purchase or contact DEA Products directly. Warranty terms typically cover manufacturing defects but may not cover damage due to improper installation, misuse, or normal wear and tear. For technical support or inquiries, it is recommended to contact DEA Products, Inc. or the retailer from whom the product was purchased. When contacting support, please have your product model number (A3415) and purchase details readily available.

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