

ENA ENAMM72013218

ENA Front Right Engine Motor Mount Instruction Manual

Model: ENAMM72013218 (Compatible with Honda Civic 2006-2011 1.8L L4)

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1. PRODUCT OVERVIEW

The ENA Front Right Engine Motor Mount is a critical component designed to support the engine and transmission, absorbing vibrations and shocks generated by the engine. This replacement part is engineered to meet or exceed the original equipment specifications for compatible vehicles, ensuring proper fit, form, and function.

1.1 Compatibility

- **Vehicle:** Honda Civic DX LX EL
- **Years:** 2006, 2007, 2008, 2009, 2010, 2011
- **Engine:** 1.8L L4
- **Replaces OEM Part Numbers:** A4530HY, A4530, 4530, EM9280, 9280, 50820-SVA-A05, 50820SVAA05, 50820-SNB-J02, 50820SNBJ02

1.2 Key Features

- Engineered for precise fit and function in specified Honda Civic models.
- Constructed with premium materials for durability and vibration dampening.
- Designed for straightforward installation.



Figure 1: Main view of the ENA Front Right Engine Motor Mount. This image shows the overall structure and primary mounting points of the component.



Figure 2: Side view of the ENA Front Right Engine Motor Mount. This perspective highlights the robust construction and the black finish of the mount's body.

2. 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.

- **Professional Installation Recommended:** If you are not experienced with automotive repairs, it is highly recommended to have this part installed by a certified mechanic.
- **Personal Protective Equipment (PPE):** Always wear appropriate PPE, including safety glasses, gloves, and closed-toe shoes.
- **Vehicle Support:** Ensure the vehicle is securely supported on jack stands or a lift before working underneath it. Never rely solely on a jack.
- **Engine Support:** The engine must be properly supported before removing the old motor mount to prevent it from shifting or falling.
- **Disconnect Battery:** Disconnect the vehicle's battery before beginning any work to prevent accidental electrical shorts.
- **Hot Components:** Allow the engine and exhaust components to cool down completely before working to avoid burns.
- **Fluid Leaks:** Be aware of potential fluid leaks (oil, coolant) and have appropriate containment ready.

- **Torque Specifications:** Always tighten fasteners to the manufacturer's specified torque settings. Refer to your vehicle's service manual for exact values.

3. INSTALLATION

This section provides a general guide for installing the ENA Front Right Engine Motor Mount. Specific steps may vary depending on your vehicle's exact configuration. Always consult your vehicle's service manual for detailed, model-specific instructions.

3.1 Tools Required (Typical)

- Socket Wrench Set
- Torque Wrench
- Jack and Jack Stands (or Vehicle Lift)
- Engine Support (e.g., engine hoist or transmission jack with wood block)
- Pry Bar (optional, for alignment)
- Penetrating Oil (if bolts are seized)

3.2 Pre-Installation Checks

- Verify the new motor mount matches the old one in terms of size, bolt patterns, and overall design.
- Ensure all necessary tools are available and in good working condition.
- Confirm vehicle compatibility using the Amazon Garage feature or by cross-referencing OEM part numbers.

3.3 Step-by-Step Installation Guide

1. **Prepare Vehicle:** Park the vehicle on a level surface, engage the parking brake, and disconnect the negative terminal of the battery.
2. **Lift and Secure:** Safely lift the front of the vehicle using a jack and secure it with jack stands.
3. **Support Engine:** Position an engine support (e.g., a floor jack with a wood block) under the engine's oil pan or a sturdy part of the engine/transmission to slightly lift and support its weight. This will relieve pressure on the motor mount.
4. **Locate and Remove Old Mount:** Identify the front right engine motor mount. It is typically located near the passenger side of the engine bay. Loosen and remove the bolts securing the mount to the engine bracket and the vehicle frame. Carefully remove the old, worn-out mount.
5. **Install New Mount:** Position the new ENA motor mount in place. Ensure proper alignment of the bolt holes. It may be necessary to slightly adjust the engine height with the engine support to align the holes.
6. **Secure New Mount:** Insert and hand-tighten all bolts. Once all bolts are in place, tighten them to the vehicle manufacturer's specified torque settings using a torque wrench. Refer to your Honda Civic service manual for precise torque values.
7. **Lower Engine and Vehicle:** Carefully lower the engine support, ensuring the engine settles correctly onto the new mount. Then, safely lower the vehicle from the jack stands.
8. **Reconnect Battery:** Reconnect the negative terminal of the battery.
9. **Final Check:** Start the engine and check for any unusual noises or vibrations. Visually inspect the newly installed mount to ensure it is seated correctly and there are no loose components.



Figure 3: Angled view of the ENA Front Right Engine Motor Mount, showing the various attachment points and the overall form factor for installation.

4. FUNCTIONALITY AND POST-INSTALLATION CHECKS

Once properly installed, the ENA Front Right Engine Motor Mount will perform its primary functions of supporting the engine and dampening vibrations. A new, properly functioning mount should significantly reduce excessive engine movement and cabin vibrations.

4.1 Expected Performance

- Reduced engine vibration felt in the steering wheel, dashboard, and seats.
- Minimized engine movement during acceleration, deceleration, and gear shifts.
- Quieter operation due to less metal-on-metal contact from a loose engine.

4.2 Post-Installation Verification

- After installation, take the vehicle for a short test drive. Pay attention to any unusual noises, vibrations, or changes in handling.
- Check for proper engine alignment and ensure no components are rubbing or interfering with the new mount.
- Re-check all bolts after a few days of driving to ensure they remain tightened to specifications.

5. MAINTENANCE

Engine motor mounts are wear-and-tear components. While they do not require routine maintenance like fluid changes, periodic inspection is crucial for ensuring continued performance and preventing further issues.

5.1 Inspection Frequency

- Inspect the engine motor mount during routine oil changes or other under-hood inspections, typically every 10,000 to 15,000 miles or annually.
- Inspect immediately if you notice increased vibrations, clunking noises, or excessive engine movement.

5.2 Signs of Wear or Failure

- **Excessive Vibration:** Increased vibration felt in the cabin, especially at idle or specific RPMs.
- **Clunking or Banging Noises:** Sounds coming from the engine bay during acceleration, braking, or shifting gears.
- **Engine Movement:** Visible excessive movement of the engine when starting, stopping, or revving.
- **Cracked or Deteriorated Rubber:** Visual inspection may reveal cracks, tears, or separation of the rubber

components of the mount.

- **Fluid Leaks:** Some hydraulic mounts contain fluid; a leak indicates failure.

6. TROUBLESHOOTING

If you experience issues after installing the ENA Front Right Engine Motor Mount, refer to the following common problems and potential solutions. If problems persist, professional diagnosis is recommended.

Problem	Possible Cause	Solution
Increased vibration after installation.	◦ Incorrect installation (e.g., bolts not torqued correctly). ◦ Other motor mounts are worn and now more noticeable. ◦ Part incompatibility (though checked, can happen).	◦ Re-check all mounting bolts for proper torque. ◦ Inspect other engine and transmission mounts for wear. ◦ Verify the part number against your vehicle's specifications.
Clunking or banging noises.	◦ Loose mounting bolts. ◦ Engine contacting chassis due to insufficient support. ◦ Other worn suspension or drivetrain components.	◦ Tighten all bolts to specification. ◦ Ensure the mount is correctly seated and not interfering with other components. ◦ Have a professional inspect other vehicle components.
Mount does not fit correctly.	◦ Incorrect part for the specific vehicle sub-model or year. ◦ Manufacturing defect.	◦ Double-check vehicle compatibility using VIN or full vehicle details. ◦ Contact ENA customer support for assistance or replacement.

Note: Many symptoms of a bad engine mount can also be caused by other issues. If troubleshooting steps do not resolve the problem, seek assistance from a qualified automotive technician.

7. SPECIFICATIONS

Attribute	Detail
Brand	ENA
Model	Motor Mount
Manufacturer Part Number	ENAMM72013218
OEM Part Numbers Replaced	50820-SNA-023, 50820-SNA-033, A4530, A4530HY, 9280
Product Dimensions (L x W x H)	6 x 2.5 x 3 inches
Item Weight	1 pounds (16 ounces)

Attribute	Detail
Color	Black
Finish Type	Powder Coated

8. WARRANTY & SUPPORT

8.1 Warranty Information

The ENA Front Right Engine Motor Mount comes with a**24-Month Warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use and service. Please retain your proof of purchase for warranty claims.

The warranty does not cover damage resulting from improper installation, misuse, abuse, accidents, modifications, or normal wear and tear.

8.2 Customer Support

For technical assistance, warranty claims, or any questions regarding your ENA product, please contact ENA customer support through the retailer where the product was purchased or visit the official ENA brand store online. When contacting support, please have your product model number (ENAMM72013218) and purchase details ready.

For additional information and product range, you may visit the[ENA Store on Amazon](#).

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Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

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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.

Submit question