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> Ajusa 13113000 Exhaust Manifold Gasket User Manual

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Model: 13113000

PRODUCT OVERVIEW

The Ajusa 13113000 Exhaust Manifold Gasket is an OE quality, vehicle-specific component designed as a direct replacement for original gaskets. It provides an effective solution for vehicles experiencing exhaust manifold leaks. This gasket is manufactured to Original Equipment standards in terms of fit, form, and material type.

Ajusa, established in 1972, is a renowned international manufacturer of automotive gaskets, cylinder head bolt sets, and hydraulic lifters. Based in Spain, Ajusa offers a comprehensive range of applications for European and Asian vehicles, ensuring excellent market coverage in the U.S. and Canada.

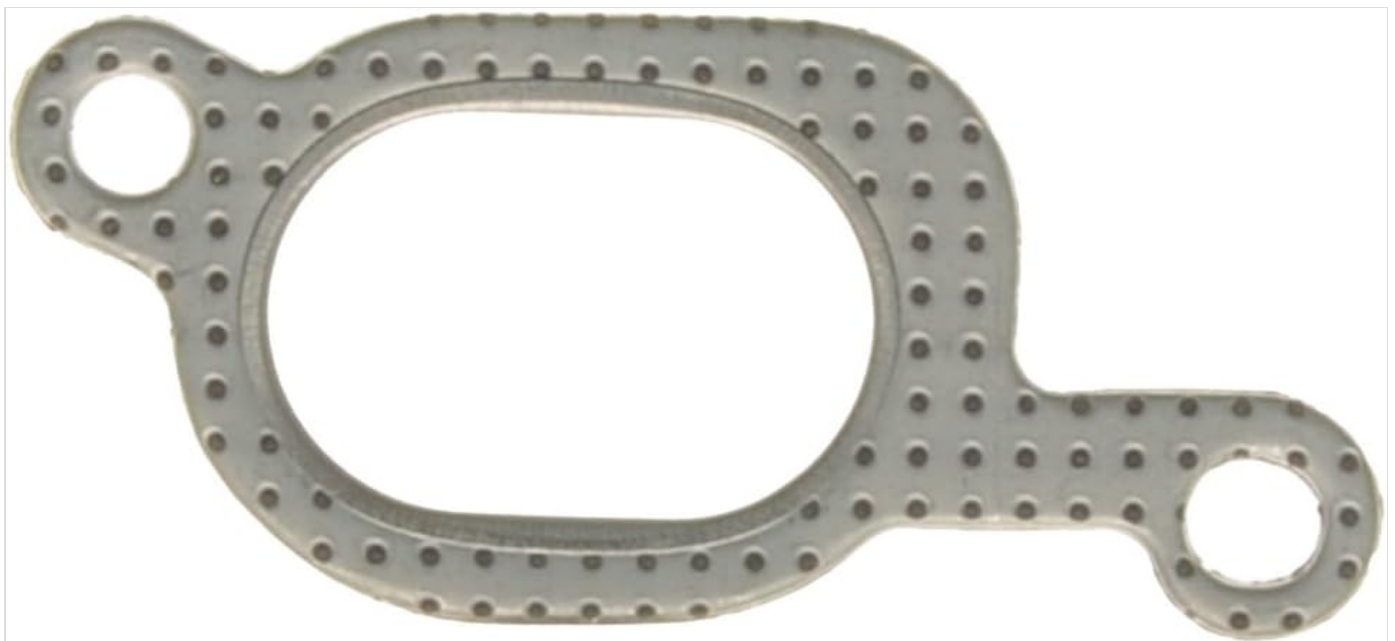


Image: Top view of the Ajusa 13113000 Exhaust Manifold Gasket, showing its precise shape and material texture.



Image: Angled view of the Ajusa 13113000 Exhaust Manifold Gasket, highlighting its contours and sealing surface.

KEY FEATURES

- **Vehicle Specific:** Engineered for a precise fit in compatible vehicles.
- **Direct Replacement:** Designed to directly replace the original exhaust manifold gasket.
- **Leak Solution:** Provides an effective solution for exhaust manifold leaks.
- **OE Quality:** Manufactured to Original Equipment standards in fit, form, and material.
- **Broad Coverage:** Ajusa offers extensive coverage for European and Asian vehicles in the U.S. and Canadian markets.

INSTALLATION GUIDE

1. Safety Precautions

- Always ensure the engine is cool before beginning any work on the exhaust system.
- Disconnect the vehicle's battery to prevent accidental electrical shorts.
- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the vehicle is securely supported on jack stands if lifted.

2. Required Tools

Typical tools may include:

- Socket set and ratchet
- Wrenches
- Torque wrench
- Scraper or wire brush for surface cleaning
- Penetrating oil (if bolts are seized)

3. Removal of Old Gasket

1. Locate the exhaust manifold and its connection to the engine block.
2. Carefully loosen and remove the bolts securing the exhaust manifold. Note the position of any brackets or sensors.
3. Gently separate the manifold from the engine block. The old gasket will likely be visible and may be stuck to either surface.
4. Thoroughly clean both the engine block surface and the exhaust manifold surface. Remove all traces of the old gasket material, carbon deposits, and rust. A clean surface is crucial for a proper seal.

4. Installation of New Gasket

1. Position the new Ajusa 13113000 exhaust manifold gasket onto the engine block studs or align it with the bolt holes on the manifold. Ensure it is oriented correctly.
2. Carefully reattach the exhaust manifold, aligning it with the gasket and the engine block.
3. Insert and hand-tighten all bolts.
4. Using a torque wrench, tighten the bolts to the manufacturer's specified torque settings. Follow the recommended tightening sequence (usually from the center outwards in a spiral pattern) to ensure even pressure. Refer to your vehicle's service manual for specific torque values and sequences.
5. Reconnect any removed brackets or sensors.
6. Reconnect the vehicle's battery.

OPERATING CONSIDERATIONS

Once the new exhaust manifold gasket is installed, it is important to monitor the vehicle for any signs of exhaust leaks. A new gasket should provide a tight seal, preventing exhaust gases from escaping. Initial operation may involve a slight burning smell as any residual oils or manufacturing coatings on the new components burn off. This is typically normal and should dissipate quickly.

Listen for any hissing or ticking sounds from the engine bay, especially during cold starts, which could indicate an exhaust leak. If a leak is suspected, re-check the bolt torque and inspect the gasket for proper seating.

MAINTENANCE

Exhaust manifold gaskets are generally maintenance-free components once properly installed. However, regular vehicle inspections can help identify potential issues early:

- **Visual Inspection:** Periodically inspect the area around the exhaust manifold for any signs of soot, discoloration, or exhaust residue, which could indicate a developing leak.
- **Listen for Leaks:** Pay attention to any unusual noises from the engine, particularly ticking or hissing sounds that change with engine RPM.
- **Bolt Torque Check:** If accessible, a periodic check of the exhaust manifold bolt torque (after the engine has cooled) can ensure they remain properly tightened, especially after the first few heat cycles following installation.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Exhaust leak after installation (hissing/ticking sound)	Improper gasket seating, uneven bolt torque, damaged manifold surface, or faulty new gasket.	Re-check bolt torque following manufacturer's specifications and sequence. Inspect manifold and engine block surfaces for flatness and cleanliness. If issues persist, remove and re-install the gasket, or consider replacing the gasket if it appears damaged.
Burning smell from engine bay	Residual oils/coatings burning off new components, or a minor exhaust leak.	A slight smell is normal initially and should dissipate. If persistent or strong, check for leaks as described above. Ensure no fluids (oil, coolant) are dripping onto hot exhaust components.

Problem	Possible Cause	Solution
Check Engine Light (CEL) related to exhaust system	Significant exhaust leak affecting O2 sensor readings, or other unrelated engine issues.	Address any audible exhaust leaks immediately. If no leak is found, have the vehicle diagnosed by a qualified mechanic to identify the specific fault code and underlying cause.

SPECIFICATIONS

Brand: Ajusa

Model Number: 13113000

Part Type: Exhaust Manifold Gasket

Material: OE Quality (specific material not detailed, but designed to match original)

Dimensions: Approximately 3.94 x 1.77 x 0.06 inches

Item Weight: Approximately 0.298 ounces

Manufacturer Part Number: 13113000

OEM Part Numbers: 271802, 272461

WARRANTY INFORMATION

Ajusa products are manufactured to high-quality standards. For specific warranty details, please refer to the official Ajusa website or contact your point of purchase. Typically, automotive replacement parts carry a limited warranty against defects in materials and workmanship under normal use and service.

SUPPORT AND CONTACT

For technical assistance, installation queries, or warranty claims, please contact Ajusa customer support or the authorized distributor from whom the product was purchased.

Ajusa Official Website: www.ajusa.es (Please note: Website content may vary by region.)

CRP Automotive: Ajusa products are distributed in the U.S. and Canadian marketplace by CRP Automotive. For support related to these regions, you may also contact CRP Automotive directly.

Note: Always refer to your vehicle's specific service manual for detailed repair procedures and torque specifications.