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Bosal 190-371

BOSAL Endschalldämpfer 190-371 - Instruction Manual

Model: 190-371

1. Product Overview

The BOSAL Endschalldämpfer 190-371 is a rear muffler designed as a replacement component for specific vehicle models. It is an essential part of the exhaust system, responsible for reducing noise emissions from the engine and directing exhaust gases away from the vehicle. This component is manufactured to meet original equipment (OE) specifications, ensuring proper fitment and performance.

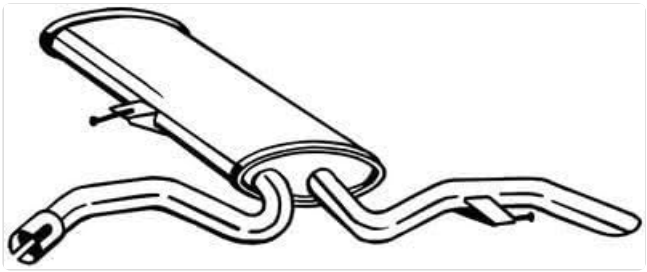


Figure 1: Main view of the BOSAL Endschalldämpfer 190-371. This image shows the overall shape and primary components of the muffler.

2. Compatibility

This BOSAL Endschalldämpfer (rear muffler) is compatible with the following vehicle models:

- **PEUGEOT 308 II:**
  - 1.2 THP 130 (Year: 2013, Engine: 1199 ccm, Power: 96 KW, 131 PS)
  - 1.2 THP 110 (Year: 2013, Engine: 1199 ccm, Power: 81 KW, 110 PS)

The OE (Original Equipment) part number for this component is **1609041380**. It is recommended to verify compatibility with your specific vehicle using the vehicle's identification number (VIN) or by cross-referencing the OE part number before installation.

3. Setup and Installation

Installation of an exhaust system component like a rear muffler typically requires specialized tools and knowledge. It is strongly recommended that installation be performed by a qualified automotive technician to ensure proper fitment,

sealing, and safety.

3.1 Pre-Installation Checks

- Ensure the vehicle is cooled down to prevent burns.
- Lift the vehicle safely using a hoist or jack stands.
- Inspect the existing exhaust system for any other damage (e.g., rusted pipes, broken hangers) that might affect the new muffler's performance or longevity.
- Confirm that all necessary mounting hardware (gaskets, clamps, hangers) is available and in good condition.

3.2 Installation Steps (General Guidelines)

1. Locate and remove the old muffler. This may involve cutting rusted pipes or unbolting flanges.
2. Clean any mating surfaces to ensure a proper seal.
3. Position the new BOSAL muffler, aligning it with the existing exhaust pipes and mounting points.
4. Secure the muffler using appropriate clamps, bolts, and hangers. Ensure all connections are tight and leak-free.
5. Verify that the muffler has adequate clearance from other vehicle components (e.g., fuel lines, suspension parts) to prevent heat damage or rattling.
6. Lower the vehicle and start the engine to check for exhaust leaks and proper sound.



Figure 2: Side view of the BOSAL Endschalldämpfer, showing the inlet pipe and mounting points. This perspective helps in understanding the orientation for installation.



Figure 3: Angled view of the BOSAL Endschalldämpfer, highlighting the oval shape of the muffler body and the outlet pipe. This view provides additional detail for fitment verification.



Figure 4: Rear view of the BOSAL Endschalldämpfer, showing the exhaust outlet and additional mounting brackets. This view is crucial for confirming the correct orientation and connection to the tailpipe.

4. Operating Considerations

Once installed, the BOSAL Endschalldämpfer operates as an integral part of your vehicle's exhaust system. No specific user operation is required for the muffler itself. Its function is passive, reducing engine noise and directing exhaust gases. Ensure that the vehicle's engine management system is functioning correctly, as issues with other components (e.g., catalytic converter, oxygen sensors) can indirectly affect exhaust system performance.

5. Maintenance

Exhaust system components, including the muffler, are subject to harsh conditions (heat, moisture, road salt). While the BOSAL muffler is designed for durability, regular inspection can extend its lifespan and identify potential issues early.

5.1 Recommended Maintenance Practices

- **Regular Visual Inspection:** Periodically check the muffler and exhaust pipes for signs of rust, cracks, holes, or loose connections. Pay attention to hangers and clamps.
- **Listen for Changes:** Any sudden increase in exhaust noise, rattling, or hissing sounds may indicate a problem.
- **Address Leaks Promptly:** Exhaust leaks can lead to reduced engine performance, increased emissions, and potentially dangerous fumes entering the cabin.
- **Avoid Short Trips:** Frequent short trips, especially in cold weather, can lead to condensation buildup inside the exhaust system, accelerating corrosion.

6. Troubleshooting

If you experience issues after installing or while using the BOSAL Endschalldämpfer, consider the following common problems and their potential causes:

Symptom	Possible Cause	Solution
Increased Exhaust Noise	Exhaust leak (loose connection, cracked pipe, hole in muffler), damaged internal baffles.	Inspect all connections and the muffler body. Tighten clamps, replace gaskets, or replace damaged components.
Rattling or Vibrating Sound	Loose exhaust hangers, exhaust pipe hitting chassis, internal muffler component detached.	Check and secure all hangers. Ensure proper clearance. If internal, muffler replacement may be necessary.

Symptom	Possible Cause	Solution
Exhaust Fumes in Cabin	Significant exhaust leak, especially near the front of the system or under the cabin.	Immediately identify and repair the leak. This is a safety hazard.
Reduced Engine Performance / Check Engine Light	While less common for a muffler, a severely restricted or completely blocked muffler can affect back pressure. More likely related to catalytic converter or O2 sensors.	Consult a mechanic for diagnostic scanning. Inspect the entire exhaust system for blockages.

For persistent issues or if you are unsure about the cause, it is always best to consult a professional automotive technician.

7. Specifications

Manufacturer: BOSAL

Brand: Bosal

Model Number: 190-371

Manufacturer Reference: 190-371

OEM Part Number: 1609041380

ASIN: B0C31QDX2S

First Available: April 5, 2023

8. Warranty and Support

For specific warranty information regarding the BOSAL Endschalldämpfer 190-371, please refer to the documentation provided by your retailer or contact BOSAL directly. Warranty terms typically cover manufacturing defects and material flaws under normal use conditions.
For technical support or inquiries, please contact the authorized BOSAL distributor or your point of purchase. Ensure you have your product model number (190-371) and proof of purchase available when seeking support.

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