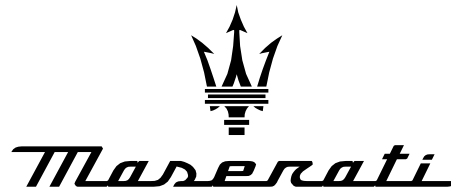


**Diagnostic Sheet**

FROM: Maserati TSO

TO: Maserati Network



PERSONAL SERVICE LAB

MASTERS OF CARE

# Noise from the front suspensions while maneuvering

**IMPORTANT NOTICE** This bulletin supersedes MAS004675 DS 25-10 released on April 10, 2025. It contains updated information, please ensure all previous versions are discarded.

DATE: July 16, 2025

This bulletin provides technical guidance for diagnosing and resolving creaking noises from the lower front suspension arm on Ghibli (M157), Quattroporte (M156), and Levante (M161) models. These noises may occur during low-speed manoeuvres, over bumps, or on uneven roads.

**MODELS:** Ghibli (M157), Levante (M161) and Quattroporte (M156) (All MY)

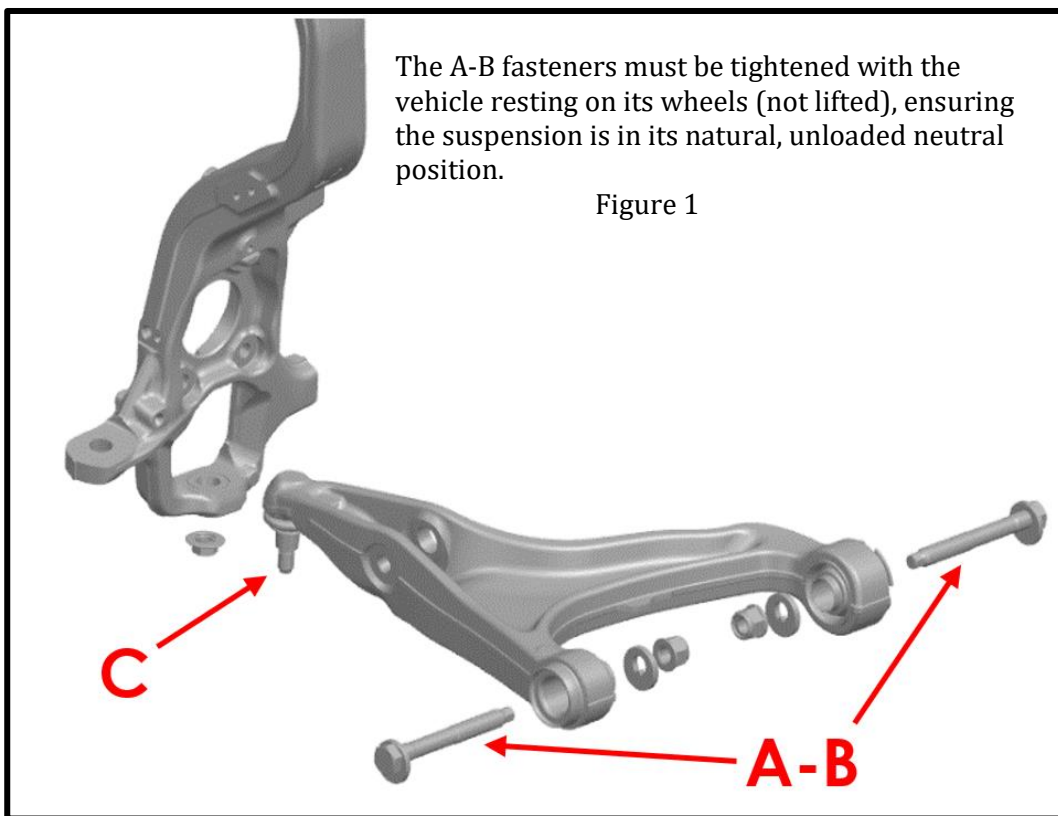
**SECTION:** 06.10.1 Front suspensions

## Diagnostic Procedure

1. Conduct a road test to confirm the noise concern.
2. Without disassembling components:
  - Inspect for dirt buildup near bushings and joints.
  - Clean any debris around the joint and bushings area without removing any components.
  - Road test again to determine if the noise is resolved.
    - If resolved: No further action needed.
    - If not: Proceed to Step 3.
3. Visually inspect the bushings and ball joint without disassembly:
  - Look for signs of wear, such as cracked rubber, visible light passing through, or damaged/missing seals.
  - Refer to **Appendix A (last page)** for photo references.
  - If the observed condition aligns with the examples, Replace the affected lower arm and road test again.
    - **Photos must be included in the warranty claim, clearly documenting the condition of the bushing or ball joint.**
- If no defects are found, proceed to Step 4. (Page 2)

## Step 4 – Fastener Retightening

Retighten the bushings and ball joint fasteners (A and B in Fig. 1) of the arm to the chassis and the ball joint head (C in Fig. 1).



- Arm-to-chassis bushings:
  - Levante (M161): 265 Nm
  - Ghibli/Quattroporte (M15x): 140 Nm
- Ball joint to upright: 70 Nm (All Models)
  - Loosen each fastener by 360° and retighten to the correct torque using a torque wrench.

Road test the vehicle once more:

- If resolved: No further action required.
- If noise persists: Replace the noisy lower front suspension arm and retest.

## Warranty Claim Instructions

Include the following codes in your warranty submission:

Description	Code
Defective Code	067
Component Code	6.10.003 (right lower front arm) 6.10.004 (left lower front arm)
Operation Code	
<ul style="list-style-type: none"> <li>▪ Fastener retightening</li> <li>▪ Right front arm replacement</li> <li>▪ Left front arm replacement</li> <li>▪ Test drive (after fastener retightening or arm replacement)</li> </ul>	6.10.003.A (0,50 h for M15x, 0,70 h for M161) 6.10.003.0 (2.05 h) 6.10.004.0 (2.05 h) 0.20.001.1 (0.25 h)

## Mandatory Attachments

- Photos clearly documenting the condition of the bushing or ball joint, including any signs of wear, irregularities, or deterioration (Step 3)
- A written statement confirming that the noise persisted after retightening the fasteners (Step 4)

Only operations and documentation specified in this bulletin will be accepted for warranty processing. Submissions missing required evidence will be automatically rejected.

For vehicles within 12 Months In Service (0-12 MIS) from the “Start of Warranty” (AKA “In Service Date”), a Blue On Line must be opened for Factory Information, including all necessary supporting documents.

If any of the above information is missing, Maserati reserves the right to request it before providing support/approval, or feedback to Blue On Line.

Maserati reserves the right to deny coverage for repairs not performed to factory standards.

For additional questions or support, please contact Maserati Technical Service Operations.

## Appendix A – Bushing Condition Reference Images

**Note: Images are for reference only and may not reflect all possible component variations.**

The images below are examples of bushings requiring replacement



Picture taken when installed in the vehicle. When moving the rubber mount back and forth, light can be seen coming out through the cracked hole.



Examples of extensive rubber breakage around the external circumference.

