



PERSONAL SERVICE LAB

MASTERS OF CARE

Parking sensors diagnosis

IMPORTANT NOTICE This bulletin supersedes MAS004472 DS 25-02 released on January 15, 2025. It contains updated information, please ensure all previous versions are discarded.

DATE: OCTOBER 14, 2025

This bulletin provides updated diagnostic procedures for identifying and resolving issues related to the parking sensor system on select Maserati models. It outlines steps to verify sensor condition, identify false alerts, and determine when replacement or further support is necessary.

MODELS INVOLVED: M182 Grecale, M189 GranTurismo and M240 MC20 (All MY).

Customer Concern:

- Warning light and/or message on the instrument cluster:
"Park Sensor System Not Available"
- Warning related to the **Active Park Assist** system (if equipped)
- No warning or DTCs, but customer reports false detection (e.g., sensors detect obstacles that aren't there)

Operational Description:

These concerns may be caused by one or more of the following:

- Incorrect installation of one or more sensors
- Dirt, ice, or debris on the sensor surface
- Damaged or missing O-ring
- Physical damage to the sensor surface
- Faulty sensor operation

If this is the **first visit** for the concern, and:

- No DTCs are stored
- The issue cannot be reproduced
- No visible dirt or damage is found

→ The vehicle should be considered **compliant**, and **no repair is required**.

If the issue is **reproducible**, follow the diagnostic steps below.

Diagnostic Inspection:

1. Initial Checks:

- Perform a **complete vehicle scan** and save the report.
- Take **CLEAR photos** showing the general condition of the front and rear bumpers (front and side views).
- Inspect each sensor for **dirt, ice, or debris**:
 - If present, take photos before cleaning.
 - Clean the sensor surface thoroughly.

2. Visual Damage Inspection:

- Inspect the sensor face and surrounding bumper area for:
 - Scratches
 - Dents
 - Cracks
 - Signs of impact
- Document all findings with photos.

3. Sensor Assembly and Sealing:

- Check that each sensor is **properly installed**.
- Verify the **sealing ring** is present, correctly seated, and undamaged.
- Take photos of each sensor and its mounting area.
- If needed, **reinstall the sensor** correctly.

4. Sensor Replacement:

- If DTCs remain after completing the above steps:
 - Replace the affected sensor(s) following the **Workshop Manual** procedures.

5. If No DTCs Are Present, But Issues Persist:

- If:
 - A warning light or message remains on the cluster **without DTCs**, or
 - The system falsely detects obstacles when none are present
- Then:
 - Open a **BOL Support Request**.
 - Include all diagnostic results and photos collected during inspection.

6. Non-Reproducible Concerns:

- If the concern **cannot be reproduced** and no dirt or damage is found:
 - The vehicle is considered **compliant**.
 - **No repair is necessary. Important! Open a BOL if 2nd visit for the same concern even if non reproducible!**

Below are some examples of damaged parking sensors due to outside influence:



NOTE: In case of damages, dirt or ice on parking sensors surfaces, or damages on front or rear bumpers, the repair will not be covered by warranty (Outside influence).

Documentation Requirements:

All diagnostic results, photos, and scan reports must be attached to the **Blue on Line (BOL)** support request (if required by current BOL policy) or included with the **warranty claim**.

Warranty Claim Information

For the operations described in this publication, only the operations listed here will be approved under warranty. Any additional requests will be rectified.

| Description | Code |
|---|---------------------|
| Component Code | 9.12.001 - 9.12.002 |
| Bulletin Topic (#) <ul style="list-style-type: none"> ▪ Checks (1, 2, 3, 4, 5) | 9.12.001.A (0,30 h) |

Please do not hesitate to contact us for any questions you may have.
Kind regards.

TECHNICAL SERVICE OPERATIONS