

Diagnostic Sheet

FROM: Maserati TSO

TO: Maserati Network



Maserati

PERSONAL SERVICE LAB

MASTERS OF CARE

Parking sensors diagnosis

DATE: JANUARY 15 2025

This Diagnostic Sheet serves as a guide and provides additional diagnostic info for possible anomalies of parking sensors.

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

SUBJECT:

1. Warning light and/or related message on the instrument panel display: "Park Sensor System not available"



2. Warning related to Active ParkAssist system (if present).
3. No warning lights or messages but the customer reports an issue with the park sensors behavior (e.g. the sensors detect an obstacle even if not actually present).

ROOT CAUSE:

The above listed problems may have the following causes:

- Incorrect assembly of one or more sensors
- Presence of dirt/ice on one or more sensors
- Damage to the O-ring or sensor surface
- Incorrect operation of one or more sensors

To be able to distinguish between the different causes of the problem, it is necessary to carry out the checks indicated below.

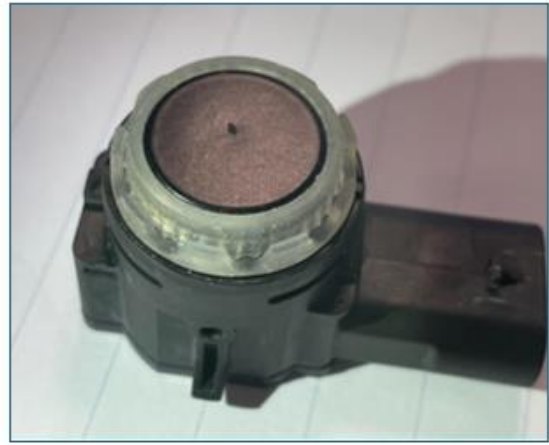
ACTION:

Carry out the following checks:

1. Save a complete scan report of the vehicle.
2. Take photos showing the general conditions of the front and rear bumpers (front and side view).
3. Check the sensor surface for dirt and/or ice. If so, document the situation with photos and then clean the sensor surface.
4. Check the correct assembly of the sensor and the correct presence of the sealing ring and coupling with the bumper; check the integrity of the ring. Document the checks with photos. If necessary, restore the correct assembly of the sensor.

5. Carefully check the sensor's external surface and surrounding area for defects, scratches, dents, or signs of impact with other vehicles or objects. Document with photos.

Below are some examples of damaged parking sensors:



6. If, even after the operations just described, DTCs relating to one or more parking sensors remain, replace the sensor (or sensors) involved following the workshop manual instructions.

7. In cases where:

- there are no DTCs stored, but the relevant warning light or warning remains on the instrument panel.
- there are no DTCs stored or warning light and a false activation of the system is reproduced without obstacles

Open a BOL as a "Support Request", reporting the result of the diagnosis performed up to this point.

NOTE: If the customer complaint is not reproducible during assistance and no evidence of dirt or damage to the sensors is found, the vehicle is to be considered compliant, and no repairs need to be carried out.

8. The information requested in this bulletin must be attached to the relevant Blue on Line (if necessary, according to the current Blue on Line Policy) or alternatively to the warranty claim.

TECHNICAL SERVICE OPERATIONS