

AfterSales Diagnostic sheet



MAS002263
(BOL 20-09)

From: Aftersales - TSO
To: Maserati Network
Auburn Hills, MI | August 18, 2020

Impossible selection of any gear (DTC P08A6-64 in ESM ECU)

Issue: Impossible selection of any gear (DTC P08A6-64 in ESM ECU)

Models: SEDAN & SUV

Issue description: Impossible to use the gear shifter for moving the vehicle..

Conditions: When moving the gear shifter for driving the vehicle.

DTC: ESM: P08A6-64 = Gear Lever Position Sensor System – Multiple Sensor Correlation – Signal Plausibility Failure.

NOTE: The below in depth diagnostic procedures are to be used along with the procedures listed in the Workshop Manuals if a more comprehensive diagnosis is required.

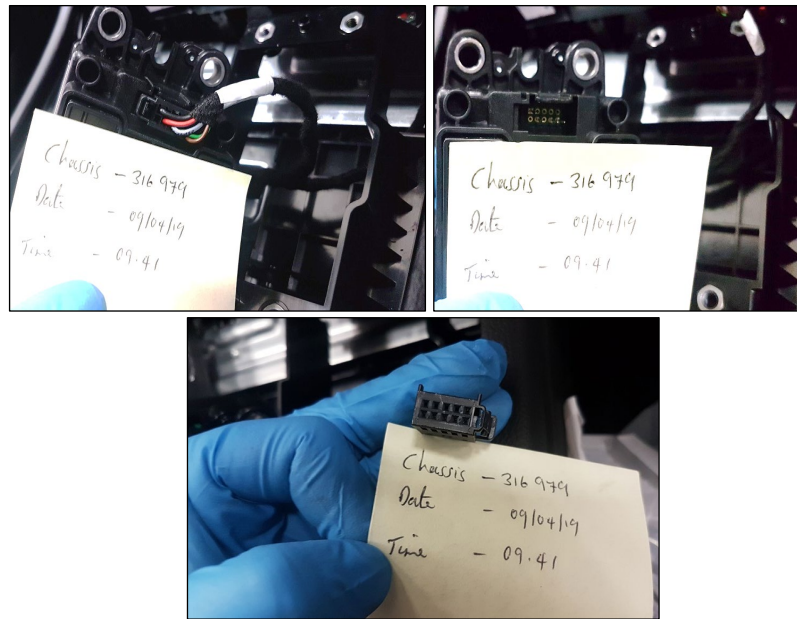
Important: A BOL must be opened prior to removal of any parts (components). Please remember to attach pictures/ videos showing in detail the issue.

Troubleshooting:

If DTC P08A6-64 is active in ESM unit as shown below, perform the following checks:

12. ESM (1251) - Electronic Shifter Module	
Draw Number	670126318
ISO CODE	TD812246800165
Hardware Number	670107305
Software Number	
Hardware Version	120000
Software Version	121901
Present DTCs	
12.1. Diagnostic trouble code: 08A664 - Gear Lever Position Sensor System - Multiple Sensor Correlation-Signal Plausibility Failure	

- 1) Save a DTC report.
- 2) Delete the DTC and move shift lever in every possible position checking if DTC P08A6-64 will set again in ESM unit:
 - a. If the DTC returns, it's highly possible that ESM unit has an internal problem; Again save the DTC report and go below to the "Considerations" section for the BOL ticket submission.
 - b. If the DTC does not return, check the integrity and condition of the ESM unit connector verifying related pins and wires as shown in the pictures below.



Considerations: In any case, submit a BOL ticket as a "Support Request" describing the troubleshooting outcome along with the related documentation as:

- DTC reports.
- Video of the complaint (if present in the workshop).
- Pictures.