

290 with M177 GT63s E-Performance - CEL ON - DTC P2B7B26 - Pressure Sensor Pressure Switch 3 of the Evaporative Emission Control System has a Short

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|-------------------|---|
| Topic number | LI07.70-P-078293 |
| Version | 5 |
| Function group | 07.70 - Gasoline injection and ignition system direct injection |
| Date | 4/8/26 |
| Validity | 290 GT63s E-Performance |
| Reason for change | Updated remedy and validity |

Complaint

Customer states CEL ON with no drivability complaints

Cause

The following DTC is active and/or stored in the ME (N3/10) due to signal interference:

P2B7B26 - Pressure sensor pressure switch 3 of the evaporative emission control system has a short.

Remedy

Twist the wiring from the ME (N3/10) to the evap pressure sensors. See attached work instructions.

| Attachments | |
|---|-------------|
| File | Description |
| 290 Work Instructions.pdf | |

Disclaimer

NOTE: The information contained in this document is intended for use by trained, professional technicians with the knowledge to properly and safely perform diagnosis and repairs on Mercedes-Benz vehicles, using Mercedes-Benz approved tools and equipment. It informs service technicians about conditions that could occur in certain vehicles and provides information that could assist in proper vehicle diagnosis, service, or repair. It does not indicate that a defect is present in any vehicle referenced in this document nor does it imply warranty coverage. DO NOT assume that a symptom or condition, or a described cause of a symptom or condition, affects any particular vehicle or groups of vehicles, or that a described repair applies to any particular vehicle or groups of vehicles. There can be multiple causes resulting in the same or similar symptoms or conditions described in this document, and trained professional service technicians must use their diagnostic skills to make evaluations on a case-by-case basis. The information contained in this document does not guarantee warranty coverage nor does it extend the vehicle's warranty in any way.

XENTRY Tips

Symptoms

Power generation > Engine management > Indicator lamp > Engine diagnosis > lit

Control unit/fault code

| Control unit | Fault text |
|---|--|
| N3/10 - Motor electronics 'MRG2AMG' for combustion engine 'M139' (ME) (MRG2AMG) | P2B7B26 - Pressure sensor/pressure switch 3 of the evaporative emission control system has a malfunction. The signal change rate is below the permissible limit value. |

Operation numbers/damage codes

| Op. no. | Operation text | Time | Damage code | Note |
|---------|----------------|------|-------------|------|
|---------|----------------|------|-------------|------|