MY22+ 232 with M177.88 - CEL ON - DTC P152C00 A leak was detected in the intake air system (cylinder bank 2)

Topic number	LI07.10-P-075438
Version	3
Function group	07.10 - Electronic engine control
Date	10/23/26
Validity	Model Year 2022+ 232 equipped with the M177.88 engine
Reason for change	updated remedy

Complaint

Customer states the check engine light is on in the instrument cluster. The customer may also complain of rough running.

The following DTC is stored in the ME control unit (N3/10):

P152C00 - A leak was detected in the intake air system (cylinder bank 2)

Cause

Previous engine control unit software

Remedy

Update the ME control unit software (see below for the remedy variants), clear the DTC, and perform the following test drive:

- Driving the car a short distance (<10 miles) in Comfort mode with ECO stop/start disabled
- Shut the engine off and let the bus go to sleep
- Drive the car again a short distance (<10 miles) in Comfort mode with ECO stop/start disabled

Remedy software variants (the car will NOT have both):

For vehicles with SA code 802/803 without code 053: A 177 903 95 07

For vehicles with both SA codes 803 and 053: A 177 903 96 07

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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.

Symptoms

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

Control unit/fault code

Control unit	Fault text
N3/10 - Motor electronics 'MRG1AMGV8' for combustion engine 'M177' (ME) / (MRG1AMGV8)	**P152C00** - A leak was detected in the intake air system (cylinder bank 2). _

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