Check engine light, Exhaust flap fault code P13C273, P13C278 or P140473

Topic number	LI49.10-P-080201
Version	3
Function group	49.10 - Exhaust pipes, mufflers
Date	10/27/26
Validity	Models 167, 214, 236, 254 with engines M254 or M256 Model years 2024-2025
Reason for change	Add parts notes

Complaint

Check engine light illuminated, or previously on

One of the below Exhaust Flap fault codes stored in PTCU N127:

P13C273

P13C278

P140473

Cause

Various

Remedy

1. Thaw exhaust system if ice is present.
2. Update software of N127 PTCU.
3. Check the exhaust flap for free movement.
4. Replace exhaust flap actuator. (P13C273 and P13C278- Right side flap, P140473- Left side flap). Ensure anti-rattle spring is installed in correct position.
5. Clear fault codes and check exhaust flap for free movement via actuation.

If fault code reoccurs:

-Replace muffler with exhaust flap actuator.

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Note:

For vehicles with two exhaust flap actuators, the left and right actuator have different part numbers. Installing two of the same side part number will cause fault codes due to missing LIN messages.

WIS-References

Document number	Title	Note
AR49.10-P-5507WTX	Remove/install exhaust gas flap controller	Models 214, 236, 254
AR49.10-P-5507MRX	Remove/install exhaust gas flap controller	Model 167

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.

Symptoms

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

Parts

Part number	ES1	ES2	Designation	Quantity	Note	EPC
A0009932335			Spiral spring	1		
N000000 007435			Exhaust flap actuator bolts	2		

Control unit/fault code

Control unit	Fault text
N127 - Control unit "Drivetrain" (PTCU) / (CPC3)	**P140473** - Exhaust flap 2 has a malfunction. The actuator does not open. **P13C278** - The exhaust flap 1 has a malfunction. The adaptation or adjustment is incorrect. **P13C273** - The exhaust flap 1 has a malfunction. The actuator does not open.

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