

## AMG P3 hybrids - Jolt from 5to4 downshift in E mode between 20-40 mph

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Topic number	LI27.60-P-078998
Version	2
Function group	27.60 - Gearshift, control
Date	2/13/26
Validity	AMG P3 hybrids with special equipment code ME10
Reason for change	

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### Complaint

A noticeable jerk or jolt from the transmission occurs in electric driving mode (E mode), between 20-40 mph. Concern is mainly felt when coasting.

### Cause

Parameters of the 5–4 neutral downshift (the shift method used in EV operation).

### Remedy

This shift concern is considered normal for vehicles with this drivetrain.

Hardware replacement does not change the root cause of the concern, as the observed shift behavior is characteristic of normal system function rather than a component-related fault.

The following adaptations may improve the shift quality:

1. Check transmission oil level (transmission oil temperature > 60°C)
2. Flush valves via Xentry procedure
3. Perform standstill adaptation
4. Perform driving adaptations for the 5–4 shift while following the below parameters:
  - Drive program: Slippery
  - Display torque in the instrument cluster
  - Do not shift using the paddles

During coasting downshift 5-4:

- Torque between –90 and –15 Nm (-66 and -11 ft-lb)
- Maximum engine speed: 1,300 rpm

## Disclaimer

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Symptoms				
Power transmission > Automatic transmission > Function > Shifts				
Power transmission > Automatic transmission > Function > Poor shift quality				

Operation numbers/damage codes				
Op. no.	Operation text	Time	Damage code	Note