

## 253 plug-in hybrid, cable duct for high-voltage line is unhooked at the underbody

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Topic number	LI54.18-P-078334
Version	1
Function group	54.18 - Cable harnesses
Date	9/3/24
Validity	253 plug-in hybrids with holders for the cable duct at the drive high-voltage line at the underbody
Reason for change	Parts specification in remedy document is incorrect

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### Complaint

The cable duct of the high-voltage drive line wiring harness is unhooked from the holder and makes contact with the transmission crossbeam.

This may cause noises (clattering/vibrating) at the underbody.

Attachments	
File	Description
Position Ansicht Fahrerseite.pdf	Position from driver's side view
Position Ansicht Unterboden.pdf	Position from underbody view
Position Detailansicht ausgehängt.pdf	Position, detailed view, unhooked

### Cause

Due to insufficient holding ability of the catch tab at the underbody cable duct, the cable duct may become unhooked.

### Remedy

Perform a visual check of the cable duct and the attachment point.

Apply a high-temperature cable tie (see remedy and parts).

Attachments	
File	Description
<a href="#">Halter mit Kabelbinder befestigen.pptx</a>	Description of the remedy - apply cable tie

### 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

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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 transmission > Differential > Front axle differential > Noises > Clattering

Overall vehicle > Wiring > Cable damaged/faulty

## Parts

Part number	ES1	ES2	Designation	Quantity	Note	EPC
A 000 995 29 94			Cable tie	1	This special cable tie is made from a high-temperature plastic	X

## Operation numbers/damage codes

Op. no.	Operation text	Time	Damage code	Note
547104	High-voltage wiring harness, location: Attach high-voltage battery for the e-drive at the underbody with cable tie at the holder	0.5 hours	5416A	