

2018 Mercedes Benz E63S AMG 4MATIC Sed (213.089) V8-4.0L Turbo (177.980)

Vehicle > Technical Service Bulletins

IF THE VEHICLE DECELERATES SHARPLY FROM A SPEED OF GREATER THAN 30 MPH, AND ABS CONTROL NOT ACTIVATED, THERE IS A SINGLE CRACKING NOISE FROM THE AREA OF THE ESP HYDRAULIC UNIT



Mercedes-Benz

- If the vehicle decelerates sharply from a speed of greater than 30 mph, and ABS control not activated, there is a single cracking noise from the area of the ESP hydraulic unit -

Topic number	LI42.47-P-067502
Version	1
Function group	42.47 Adaptive Brake (ABR)
Date	12-21-2017
Validity	BR205 BR213 BR238 BR257
Reason for change	

Complaint

If the vehicle decelerates sharply from a speed of > 30 mph, and ABS control not activated, there is a single cracking noise from the area of the ESP hydraulic unit.

Cause

Functional sound from ESP hydraulic unit.

Explanation:

This brake application takes place with a deceleration of > 6m/sec².

In order to increase braking comfort in the sense of having straight-line stability during instances of sharp braking,

an EBV (electronic brake force distribution) controls the brake pressure in the individual wheels. This can lead to pressure-reduction noises coming from the hydraulics area.

Note:

This noise cannot be reproduced if the ESP system is deactivated - roller test mode (GF54.30-P-20202FG).

Remedy

Do not carry out any repair, as this is normal.

Symptoms

Symptom

Chassis/suspension / Noises / Knocks

Chassis/suspension / Noises / Vibrates

Chassis/suspension / Noises / Grunting

Chassis/suspension / Brake system / Brakes/traction regulation system / Electronic Stability
Program ESP / Noises / Cracking

Chassis/suspension / Brake system / Brakes/traction regulation system / Electronic Stability
Program ESP / Noises / Creaking

Chassis/suspension / Brake system / Brakes/traction regulation system / Adaptive Brake ABR /
Noises / Cracking

Chassis/suspension / Brake system / Brakes/traction regulation system / Adaptive Brake ABR /
Noises / Creaking

Chassis/suspension / Brake system / Brakes/traction regulation system / Electronic Stability
Program ESP / Noises / Groaning

Chassis/suspension / Brake system / Brakes/traction regulation system / Adaptive Brake ABR /
Noises / Groaning

Chassis/suspension / Brake system / Brakes/traction regulation system / Electronic Stability
Program ESP / Noises / Plopping

Chassis/suspension / Brake system / Brakes/traction regulation system / Adaptive Brake ABR /
Noises / Plopping