

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

Vehicle > Technical Service Bulletins

BRAKE NOISES ON AMG VEHICLES



- Brake noises on AMG vehicles -

Topic number	LI42.10-P-063502
Version	2
Function group	42.10 Service brake
Date	11-14-2017
Validity	All AMG model designations with steel or ceramic brakes (code B07)
Reason for change	AMG model designation added

Complaint

Noises/ squealing from the service brake in various driving situations and ambient conditions

Cause

Frictional vibrations

Remedy

AMG brake systems are designed for high loads. This can result in noises under certain operating conditions.

The noises are dependent on speed, brake pressure or ambient conditions such as temperature and air humidity. (Extract from the owner's manual)

If customer complaints are received, please proceed as follows:

- Check whether, apart from this document, an additional document exists for the model series in question, and if so, work through it
- Check whether the complaint can be reproduced and at which axle the noises occur (ideally together with the customer while driving)
- Check the brake pad friction material of the affected axle for wear, mechanical damage or localized overheating damage.

If this is the case, replace the affected components

If there no obvious visible or technical problems with the brake system, we recommend bedding in the brakes by following the procedure below:

- Before trip, the mileage incurred must be clarified with the customer (approx. 50 km)
- Select a suitable route
- Brake the vehicle 15 times with a brake pressure of approx. 30 bar (have the passenger read it out using Xentry) from 100 km/h to 50 km/h (no emergency stops and no braking in the ESP control range). Maintain a cooling distance of approx. 1.5 km between brake applications
- Finally drive approx. 5 km to allow the system to cool
- Reassess the problem

Symptoms

Symptom

Chassis/suspension / Brake system / Service brake / Noises / General

Chassis/suspension / Brake system / Service brake / Noises / Squeals

Chassis/suspension / Brake system / Service brake / Noises / Whirring/howling

Chassis/suspension / Brake system / Service brake / Noises / Makes noise