

2019 Mercedes Benz S63 AMG 4MATIC Sed (222.188) V8-4.0L Turbo (177.980)

Vehicle > Technical Service Bulletins

## NOISES AT THE FRONT AXLE WHEN CORNERING OR MANEUVERING



# - Noises at the front axle when cornering or maneuvering -

<b>Topic number</b>	LI40.10-P-061032
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<b>Reason for change</b>	Model designation added

## Complaint

Noises at the front axle when cornering or maneuvering (video files attached)

### Note:

Save video files locally and play them with Windows Media Player.

<b>File</b>	<b>Designation</b>
MVI_8720.mp3	Sound recording
MVI_8721.mp3	Sound recording

## Cause

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Driving with summer tires in combination with low outside temperatures.

At low outside temperatures or in wet conditions, a noise may be produced at the outer wheel on the front axle while maneuvering with sharp steering angles.

### Note:

AMG vehicles with 4MATIC of model series 217 (without code 494) and model series 222 have a different axle geometry compared to production vehicles for more sporty handling.

The noise cannot be remedied by changing the axle settings.

## Remedy

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Convert the vehicle to winter tires (service not covered by W&G)

### Note (extract from the owner's manual):

Winter operation => Driving with summer tires:

...Summer tires lose a significant amount of their flexibility at low temperatures...

Convert your vehicle to M&S tires....

## Symptoms

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### Symptom

Chassis/suspension / Noises / Cracking

Chassis/suspension / Wheels/tires / Tire noises / Tire rolling noise

Chassis/suspension / Wheels/tires / Tire properties / Tires too hard

Chassis/suspension / Steering system / Noises / Cracking

Chassis/suspension / Steering system / Noises / Chattering/knocking

Chassis/suspension / Steering system / Noises / Clattering

Chassis/suspension / Noises / Clattering

Chassis/suspension / Axle / Front axle / Noises / Knocks

Chassis/suspension / Axle / Front axle / Noises / Cracking

Chassis/suspension / Axle / Front axle / Noises / Clattering

Chassis/suspension / Wheels/tires / Tire noises / Rhythmic knocking

Chassis/suspension / Noises / Creaks