

NOISE FROM THE FRONT STRUT MOUNTS IN THE EXTENDED POSITION

31 01 24 [SI] January 2024 (v01)

<input type="checkbox"/>	THIS REPAIR IS MOBILE FRIENDLY
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MODEL

F97 (X3 M Sports Activity Vehicle)	F98 (X4 M Sports Activity Coupe)	G80 (M3 Sedan)	G82 (M4 Coupe)
G83 (M4 Convertible)	G87(M2 Coupe)		

SITUATION

With the vehicle is on a lift and the front struts are in the extended position, there may be a cracking and or clicking type noise when turning the steering wheel left/right. See attached video V31 01 24.

The sound can reoccur when the vehicle is lowered, and the wheels are once again under load. The noise might also be heard for a short time while driving.

CAUSE

Side-Load Spring Design

Side-load springs are used on the affected Motorsport vehicles. When these springs are completely extended, increased lateral forces are exerted on the thrust bearing. If a large steering angle is additionally introduced on the lift, there may be a relief cracking/clicking noise heard.

CORRECTION

This is a normal operating sound of the thrust bearing and can only be heard in the extended strut position due to these type of springs.

A part exchange will not provide a remedy and is not permitted.

CLAIM INFORMATION

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