
Noises at the front axle when cornering or maneuvering

Topic number	LI40.10-P-061032
Version	1
Design group	40.10 Wheels, tires
Date	03-13-2015
Validity	117.352 156.952 172.475 176.052 204.#77 209.#77 211.#77 212.#74/ #75/ #76/ #77/ #92 216.374/ 377/ 379 217 (AMG and series production) 218.#74/ #75/ #76/ #77/ #92 221.#74/ #77 222 (AMG and series production) 230.470 231.474/ 479
Reason for change	
Reason for block	

Complaint:

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

Attachments	
File	Description
MVI_8720.mp3	General sound recording Note: To open with Windows Media Player it may be necessary to rename the file extension from .mp3 to .avi or .wmv
MVI_8721.mp3	Sound recording concentrating on the tires Note: To open with Windows Media Player it may be necessary to rename the file extension from .mp3 to .avi or .wmv

Cause:

Summer tires in combination with low outside temperatures

Remedy:

Change to winter tires (service not covered by Warranty)

Note (extract from the owner's manual):

Winter operation => Driving with summer tires:

...Summer tires lose a significant amount of their flexibility at temperatures below 45°F...

Switch vehicle to M&S tires....

Symptoms
Chassis/suspension / Chassis, noises / Cracking
Chassis/suspension / Wheels/tires / Tire noises / Tire rolling noise
Chassis/suspension / Wheels/tires / Tire properties / Tires too hard
Chassis/suspension / Steering system / Steering noise / Cracking
Chassis/suspension / Steering system / Steering noise / Chattering/knocking
Chassis/suspension / Steering system / Steering noise / Clattering
Chassis/suspension / Chassis, noises / Clattering
Chassis/suspension / Axle / Front axle / Front axle, noise / Knocking
Chassis/suspension / Axle / Front axle / Front axle, noise / Cracking
Chassis/suspension / Axle / Front axle / Front axle, noise / Clattering
Chassis/suspension / Wheels/tires / Tire noises / Rhythmic knocking
Chassis/suspension / Chassis, noises / Creaking

Validity		
Vehicle	Engine	Transmission
117.352	133	*
156.952	133	*
172.475	152	*
176.052	133	*
204.077	156	*
204.277	156	*
204.377	156	*
209.377	156	*
209.477	156	*
211.077	156	*
211.277	156	*
212.074	157	*
212.075	157	*
212.076	157	*
212.077	156	*
212.092	157	*
212.274	157	*
212.275	157	*
212.276	157	*
212.277	156	*
212.292	157	*
216.374	157	*

216.377	156	*
217.377	*	*
217.378	*	*
217.379	*	*
217.382	*	*
217.384	*	*
217.385	*	*
218.374	157	*
218.375	157	*
218.376	157	*
218.392	157	*
218.974	157	*
218.975	157	*
218.976	157	*
218.992	157	*
219.377	156	*
221.074	157	*
221.077	156	*
221.174	157	*
221.177	156	*
222.004	*	*
222.032	*	*
222.033	*	*
222.057	*	*
222.067	*	*
222.077	*	*
222.082	*	*
222.085	*	*
222.104	*	*
222.123	*	*
222.132	*	*
222.133	*	*
222.157	*	*
222.162	*	*
222.163	*	*
222.165	*	*
222.167	*	*
222.176	*	*
222.177	*	*
222.178	*	*
222.179	*	*
222.182	*	*
222.184	*	*

222.185	*	*
222.967	*	*
222.976	*	*
222.982	*	*
222.985	*	*
230.470	156	*
231.474	157	*
231.479	279	*