

Chatter, skipping or popping sounds heard from front of vehicle in cold weather full lock steering

Topic number	LI40.10-P-060514
Version	1
Design group	40.10 Wheels, tires
Date	12-23-2014
Validity	AMG 4MATIC Vehicles with Summer tires installed
Reason for change	
Reason for block	

Complaint:

Popping noises from front end of AMG 4MATIC vehicles in cold weather when turning at full lock. Outside of the vehicle, tires may appear to skip on the pavement.

Cause:

In cold weather, performance summer tires can become hard and traction can be reduced. Do to performance differentials installed in AMG vehicles, the differentials may cause the cold wheels to skip at slow speeds.

Remedy:

Do not replace any parts. Vehicle is functioning as designed. See Operators Manual for more information on summer tires.

Installation of winter tires will increase cold weather traction and eliminate this complaint. Winter tires are not to be installed under warranty. Always check WIS for approved winter tires.

Symptoms
Chassis/suspension / Wheels/tires / Tire properties / Tires too hard
Chassis/suspension / Wheels/tires / Tire properties / Poor grip
Power transmission / Transfer case / Transfer case - noises / Vibrating
Chassis/suspension / Wheels/tires / Tire noises / Rhythmic knocking

Validity		
Vehicle	Engine	Transmission
117.346	*	*
156.952	*	*
166.074	*	*
166.874	*	*
212.076	*	*
212.092	*	*

XENTRY

212.276	*	*
217.378	*	*
218.376	*	*
218.392	*	*
222.178	*	*