



SUBJECT

Shudder from the Driveline on Vehicles with xDrive

MODEL

E90 (3 Series xDrive Sedan)

E91 (3 Series xDrive Sports wagon)

E83 (X3 with xDrive)

E70 (X5)

E71 (X6)

E84 (X1)

F01 (7 Series xDrive Sedan)

F02 (7 Series xDrive Sedan)

F06 (6 Series xDrive Gran Coupe)

F07 (5 Series xDrive Gran Turismo)

F10 (5 Series xDrive Sedan)

F13 (6 Series xDrive Coupe)

F15 (X5)

F16 (X6)

F22 (2 Series xDrive Coupe)

F23 (2 Series xDrive Convertible)

F25 (X3)

F26 (X4)

F30 (3 Series xDrive Sedan)

F31 (3 Series xDrive Sports Wagon)

F32 (4 Series xDrive Coupe)

F34 (3 Series xDrive Gran Turismo)

F36 (3 Series xDrive Gran Coupe)

SITUATION

There is a shudder or vibration from the driveline when taking off from a stop, or when accelerating at highway speeds.

CAUSE

Possible multiple root causes related to the engine, wheels & tires, suspension components or internal wear on the clutch plates of the xDrive transfer case.

PROCEDURE

Use the attached troubleshooting guide to determine if the transfer case is at fault.

WARRANTY INFORMATION

This service information bulletin provides technical diagnostic and/or repair information.

Eligible and Covered Work/Repairs

Claims that result from the repair of a verified defect are to be submitted following the established and applicable warranty policy and procedures by assigning the corresponding defect code and labor operations that are provided in KSD2.

ATTACHMENTS

View PDF attachment [B270415 Transfer Case Diagnosis](#).

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