

Driveshaft

Preliminary Inspection

1. Verify the customer concern.
2. Visually inspect the CV joints for obvious signs of mechanical damage.
3. If an obvious cause for an observed or reported concern is found, correct the cause (if possible) before proceeding to the next step
4. If the cause is not visually evident, verify the symptom and REFER to Symptom Chart: NVH.

Symptom Chart(s)

Diagnostics in this manual assume a certain skill level and knowledge of Ford-specific diagnostic practices.
REFER to: Diagnostic Methods (100-00 General Information, Description and Operation).

Symptom Chart: NVH

Symptom Chart

Condition	Possible Sources	Actions
Driveline clunk - loud clunk when shifting from REVERSE to DRIVE	Damaged or worn CV-joints	INSPECT the CV-joints for wear or damage. INSTALL a new driveshaft as necessary. REFER to: Rear Driveshaft - 2.0L EcoBoost (177kW/240PS) MI4 (205-01 Driveshaft, Removal and Installation). REFER to: Rear Driveshaft - 2.7L EcoBoost (238kW/324PS) (205-01 Driveshaft, Removal and Installation).
	Damaged driveshaft center bearing support	INSPECT the insulator for wear or damage. INSTALL a new driveshaft as necessary. REFER to: Rear Driveshaft - 2.0L EcoBoost (177kW/240PS) MI4 (205-01 Driveshaft, Removal and Installation). REFER to: Rear Driveshaft - 2.7L EcoBoost (238kW/324PS) (205-01 Driveshaft, Removal and Installation).
Driveline clunk occurs as the vehicle starts to move forward following a stop	Worn driveshaft CV-joint with excessive play	INSPECT the CV-joint for a worn condition. INSTALL a new driveshaft if necessary. REFER to: Rear Driveshaft - 2.0L EcoBoost (177kW/240PS) MI4 (205-01 Driveshaft, Removal and Installation). REFER to: Rear Driveshaft - 2.7L EcoBoost (238kW/324PS) (205-01 Driveshaft, Removal and Installation).
	Damaged driveshaft center bearing support	INSPECT the insulator for wear or damage. INSTALL a new driveshaft as necessary. REFER to: Rear Driveshaft - 2.0L EcoBoost (177kW/240PS) MI4 (205-01 Driveshaft, Removal and Installation). REFER to: Rear Driveshaft - 2.7L EcoBoost (238kW/324PS) (205-01 Driveshaft, Removal and Installation).