

Front Drive Halfshafts

Preliminary Inspection

1. Visually inspect the CV joints, housing, boots, and clamps for obvious signs of mechanical damage.
2. If an obvious cause for an observed or reported concern is found, correct the cause (if possible) before proceeding to the next step
3. 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
Axle howling or whine “ front or rear axle	• Damaged or worn wheel hub bearings	• CHECK for abnormal wheel hub bearing play or roughness. REFER to: Front Wheel Bearing and Wheel Hub (204-01 Front Suspension, Removal and Installation).
Driveline clunk - loud clunk when shifting from REVERSE to DRIVE	• Damaged or worn Constant Velocity (CV) joints	• INSPECT the Constant Velocity (CV) joints for wear or damage. INSTALL a new halfshaft or driveshaft as necessary. REFER to: Front Halfshaft RH - FWD (205-04 Front Drive Halfshafts, Removal and Installation). REFER to: Front Halfshaft RH - 2.0L EcoBoost (184kW/250PS) “ MI4, All-Wheel Drive (AWD) (205-04 Front Drive Halfshafts, Removal and Installation). REFER to: Front Halfshaft RH - 2.7L EcoBoost (238kW/324PS), All-Wheel Drive (AWD) (205-04 Front Drive Halfshafts, Removal and Installation). REFER to: Front Halfshaft LH (205-04 Front Drive Halfshafts, Removal and Installation).
	• Loose hub nut	• CHECK the torque on the hub nut. REPLACE the hub nut if the torque is not at specification. For front hub nuts. REFER to: Front Halfshaft RH - FWD (205-04 Front Drive Halfshafts, Removal and Installation). REFER to: Front Halfshaft RH - 2.0L EcoBoost (184kW/250PS) “ MI4, All-Wheel Drive (AWD) (205-04 Front Drive Halfshafts, Removal and Installation). REFER to: Front Halfshaft RH - 2.7L EcoBoost (238kW/324PS), All-Wheel Drive (AWD) (205-04 Front Drive Halfshafts, Removal and Installation). REFER to: Front Halfshaft LH (205-04 Front Drive Halfshafts, Removal and Installation).