

Service Manual: FRONT DRIVE HALFSHAFTS

DIAGNOSIS AND TESTING > FRONT DRIVE HALFSHAFTS > INSPECTION AND VERIFICATION

1.

Verify the customer concern.

2.

Visually inspect for obvious signs of mechanical or electrical 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 the Symptom Chart(s) .

DIAGNOSIS AND TESTING > FRONT DRIVE HALFSHAFTS > SYMPTOM CHART(S)

Diagnostics in this service information assume a certain skill level and knowledge of Ford-specific diagnostic practices. REFER to: Diagnostic Methods .

Symptom Chart

Condition	Possible Sources	Actions
Halfshaft broken	Overloading the vehicle	INSTALL a new axle halfshaft. REFER to: Halfshaft .
	Misaligned axle halfshaft	INSPECT the axle for damage. CHECK axle halfshaft alignment. INSTALL a new axle halfshaft. REFER to: Halfshaft .

Symptom Chart: NVH

Condition	Possible Sources	Actions
Axle howling or whine - front axle	Damaged or worn wheel hub bearings	CHECK for abnormal wheel hub bearing play or roughness. REFER to: Front Wheel Bearing and Wheel Hub .
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