

DIAGNOSIS AND TESTING

MANUAL TRANSMISSION

Symptom Chart(s)

Symptom Chart: Transmission

Diagnostics in this service information assume a certain skill level and knowledge of Ford-specific diagnostic practices.

Condition	Possible Sources	Actions
Gears clash when shifting from one forward gear to another	Gear teeth/synchronizer damaged	Replace transmission. REFER to: <u>Removal</u>).
Transaxle jumps out of gear	Bolts retaining transaxle to engine loose	REFER to: <u>Installation</u> .
	<ul style="list-style-type: none"> • Preload incorrect • Internal components damaged 	Replace transmission. REFER to: <u>Removal</u> .
	Gear teeth worn/damaged	Replace transmission. REFER to: <u>Removal</u> .
Transaxle will not shift into one gear - all others OK	Internal components	Replace transmission. REFER to: <u>Removal</u> .
Transaxle is locked in one gear and will not shift out of that gear	Internal components	Replace transmission. REFER to: <u>Removal</u> .
Significant effort required when downshifting	Gear synchronization is inadequate. Gear teeth/synchronizer damaged	Replace transmission. REFER to: <u>Removal</u> .
Stiff gearshift	Transmission fluid	CHECK that the transaxle is filled with the specified transmission fluid and, if necessary, FILL and ADD transmission fluid as necessary. REFER to: <u>Transmission Draining and Filling</u> .
	Damaged synchronizer rings or inner selector mechanism	Replace transmission. REFER to: <u>Removal</u> .
One of the gears can not be selected	Fault between the gearshift lever and gearshift lever housing	INSPECT the gearshift lever. REFER to: <u>GEARSHIFT CABLE ADJUSTMENT - VEHICLES WITH: 6-SPEED MANUAL TRANSMISSION - MMT6</u> .
Reverse gear can	Gearshift lever	CHECK the gearshift lever for damage. REPAIR as necessary, remove the gearshift lever to see whether reverse gear can be selected. REFER to: <u>GEARSHIFT CABLE ADJUSTMENT -</u>

not be selected		<u>VEHICLES WITH: 6-SPEED MANUAL TRANSMISSION - MMT6 .</u>
Grinding or clashing noises when shifting into 3rd gear	Deflected lubrication condition causing early 3rd gear wear	Replace transmission. REFER to: <u>Removal</u> .
	Internal components	Replace transmission. REFER to: <u>Removal</u> .