

5C



## Clutch System Symptom Diagnosis

Condition	Possible Cause	Action
<b>Noisy engine (Noise seems to come from the clutch)</b>	Worn countershaft spline.	Replace countershaft.
	Worn clutch sleeve hub spline.	Replace clutch sleeve hub.
	Worn clutch plate teeth.	Replace clutch plate.
	Distorted clutch plates, driven and drive.	Replace.
	Worn clutch release bearing.	Replace.
	Weakened clutch dampers.	Replace primary driven gear.
	Worn or rubbing primary gears.	Replace.
<b>Clutch slips</b>	Weakened clutch springs.	Replace.
	Worn or distorted clutch pressure plate.	Replace.
	Distorted clutch plates.	Replace.
<b>Clutch drags</b>	Leakage of clutch fluid.	Repair or replace.
	Worn or damaged clutch master cylinder/release cylinder.	Replace.
	Some clutch springs are weak, while others are not.	Replace.
	Worn or distorted clutch pressure plate.	Replace.
	Distorted clutch plates.	Replace.
<b>Leakage of clutch fluid</b>	Leakage of clutch fluid from system.	Repair or replace.
<b>Excessive clutch lever stroke</b>	Air in hydraulic system.	Bleed air.