



**TROUBLESHOOTING**

**Hard to shift**

1. Improper clutch adjustment
2. Shift fork bent
3. Shift shaft bent
4. Shift drum stopper arm bent

**Transmission jumps out of gear**

1. Gear dogs worn
2. Shift shaft bent
3. Shift drum stopper broken
4. Shift forks bent

**Excessive noise**

1. Excessive crankshaft journal bearing play
2. Excessive crankpin bearing play

SYMPTOM	CAUSE	CORRECTIVE ACTION
Hard to shift	Improper clutch adjustment	Adjust clutch cable
	Shift fork bent	Replace shift fork
	Shift shaft bent	Replace shift shaft
	Shift drum stopper arm bent	Replace shift drum stopper arm
Transmission jumps out of gear	Gear dogs worn	Replace gear dogs
	Shift shaft bent	Replace shift shaft
	Shift drum stopper broken	Replace shift drum stopper
	Shift forks bent	Replace shift forks
Excessive noise	Excessive crankshaft journal bearing play	Replace crankshaft
	Excessive crankpin bearing play	Replace crankpin