

9. ALTERNATOR/GEARSHIFT LINKAGE

SERVICE INFORMATION	9-1	GEARSHIFT LINKAGE	9-4
TROUBLESHOOTING	9-1	LEFT CRANKCASE COVER INSTALLATION	9-8
LEFT CRANKCASE COVER REMOVAL	9-2		
ALTERNATOR	9-3		

SERVICE INFORMATION

GENERAL

- This section covers removal and installation of the alternator and gearshift linkage. Refer to Section 15 for alternator inspection.

TORQUE VALUES

Gearshift return spring pin	18–25 N·m (1.8–2.5 kg-m, 13–18 ft-lb)
Flywheel bolt	100–120 N·m (10.0–12.0 kg-m, 72–87 ft-lb)
Pulse generator screw	5–7 N·m (0.5–0.7 kg-m, 3.6–5.1 ft-lb)
Stator mount bolt	8–12 N·m (0.8–1.2 kg-m, 6–9 ft-lb)
Left crankcase cover bolt	8–12 N·m (0.8–1.2 kg-m, 6–9 ft-lb)
Shift drum center bolt	21–25 N·m (2.1–2.5 kg-m, 15–18 ft-lb) – Apply a locking agent to the threads

TOOLS

Common

Flywheel holder	07725–0040000 or strap wrench, commercially available in U.S.A.
Flywheel puller	07733–0020001 or 07933–3950000

TROUBLESHOOTING

Transmission jumps out of gear

- Shift drum stopper broken.

Hard to shift

- Shift drum cam plate damage.

Gearshift pedal will not return

- Weak or broken shift return spring.
- Shift spindle binding with case.