

CRANKSHAFT/TRANSMISSION

TORQUE VALUES

Connecting rod nut	25 N·m (2.6 kgf·m , 19 lbf·ft)	Apply oil to the threads and seating surface
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TOOLS

Driver, 40 mm I.D.	07746-0030100
Attachment, 25 mm (IN)	07746-0030200
Attachment, 30 mm (IN)	07746-0030300

TROUBLESHOOTING

Excessive noise

- Worn connecting rod big end bearing
- Bent connecting rod
- Worn crankshaft main journal bearing
- Worn transmission bearing

Hard to shift

- Improper clutch operation
- Incorrect transmission oil weight
- Incorrect clutch adjustment
- Bent shift fork
- Bent fork shaft
- Bent fork claw
- Damaged shift drum cam groove
- Bent shift spindle

Transmission jumps out of gear

- Worn gear dogs and slots
- Bent fork shaft
- Broken shift drum stopper
- Worn or bent shift forks
- Broken shift linkage return spring

Engine vibration

- Excessive crankshaft runout