

## CRANKSHAFT/TRANSMISSION

---

### TORQUE VALUES

Connecting rod nut	33 N•m (3.3 kgf•m, 25 lbf•ft)	Apply oil to the threads and seating surface
Mainshaft bearing set plate bolt	12 N•m (1.2 kgf•m, 9 lbf•ft)	Apply a locking agent to the threads

### TOOLS

Driver, 40 mm I. D.	07746-0030100
Attachment, 25 mm I.D.	07746-0030200
Attachment "B" collar	07964-MB00200

### 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