

10. ALTERNATOR/STARTER CLUTCH

SERVICE INFORMATION	10-1	FLYWHEEL REMOVAL	10-3
TROUBLESHOOTING	10-1	STARTER CLUTCH	10-5
ALTERNATOR COVER REMOVAL	10-2	FLYWHEEL INSTALLATION	10-7
STATOR	10-2	ALTERNATOR COVER INSTALLATION	10-8

SERVICE INFORMATION

GENERAL

- This section covers service of the alternator, flywheel and starter clutch. All service can be done with the engine installed in the frame.
- Refer to section 16 for alternator stator inspection.

SPECIFICATIONS

Unit: mm (in)

ITEM	STANDARD	SERVICE LIMIT
Starter driven gear boss O.D.	51.699–51.718 (2.0354–2.0361)	51.684 (2.0348)

10

TORQUE VALUES

Alternator cover SH bolt	12 N·m (1.2 kgf·m , 9 lbf·ft)	
Flywheel flange bolt	103 N·m (10.5 kgf·m , 76 lbf·ft)	Apply oil to the threads
Stator mounting socket bolt	12 N·m (1.2 kgf·m , 9 lbf·ft)	
Alternator wire holder socket bolt	9 N·m (0.9 kgf·m , 6.5 lbf·ft)	
Starter one-way clutch socket bolt	16 N·m (1.6 kgf·m , 12 lbf·ft)	Apply a locking agent to the threads

TOOLS

Flywheel holder	07725-0040000	Equivalent commercially available
Rotor puller	07733-0020001	or 07933-3950000

TROUBLESHOOTING

Engine does not turn

- Faulty starter clutch
- Damaged idle gear/shaft