

10. ALTERNATOR/STARTER CLUTCH

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SERVICE INFORMATION

GENERAL

- This section covers service of the alternator stator, flywheel and starter clutch. All service can be done with the engine installed in the frame.
- Refer to section 16 for alternator stator inspection.
- Refer to section 18 for starter motor servicing.

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)

TORQUE VALUES

Alternator stator socket bolt	12 N·m (1.2 kgf·m, 9 lbf·ft)	
Starter clutch outer socket bolt	16 N·m (1.6 kgf·m, 12 lbf·ft)	Apply a locking agent to the threads
Flywheel flange bolt	103 N·m (10.5 kgf·m, 76 lbf·ft)	Apply oil to the threads
Stator wire clamp flange bolt	10 N·m (1.0 kgf·m, 7 lbf·ft)	CT bolt

TOOLS

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

TROUBLESHOOTING

Engine does not turn

- Faulty starter clutch
- Damaged reduction gear/shaft