

# 10. ALTERNATOR/STARTER CLUCH

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## SERVICE INFORMATION

### GENERAL

- This section covers service of the alternator stator, flywheel and starter clutch. These parts can be removed with the engine installed in the frame.
- The front cylinder cam sprockets must be removed to remove the starter reduction gear.
- Refer to section 16 for alternator stator inspection.
- Refer to section 18 for starter motor servicing.

### SPECIFICATION

Unit: mm (in)

ITEM	STANDARD	SERVICE LIMIT
Starter driven gear boss O.D.	57.749 – 57.768 (2.2736 – 2.2743)	57.639 (2.2692)

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### TORQUE VALUES

Flywheel bolt	157 N·m (16.0 kgf·m , 116 lbf·ft)	Apply oil to the threads and seating surface.
Starter clutch bolt	23 N·m (2.3 kgf·m , 17 lbf·ft)	Apply locking agent to the threads.
Alternator stator bolt	12 N·m (1.2 kgf·m , 9 lbf·ft)	

### TOOLS

Flywheel holder	07725-0040000
Rotor puller	07733-0020001

## TROUBLESHOOTING

### Engine does not turn

- Faulty starter clutch
- Damaged starter reduction gear