

8. ALTERNATOR

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SERVICE INFORMATION

GENERAL

- This section covers removal and installation of the alternator.
- Refer to section 16 for troubleshooting and inspection of the alternator.

TORQUE VALUE

Alternator rotor 80—100 N•m (8.0—10.0 kg-m, 58—72 ft-lb)

TOOLS

Common

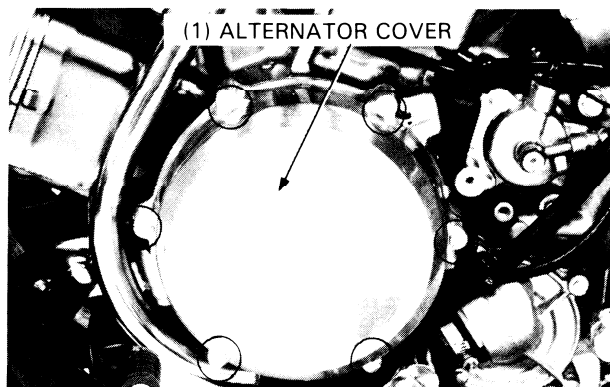
Rotor puller 07733—0020001 or 07933—3290001
Flywheel holder 07725—0040000 or Band strap wrench (commercially available in U.S.A.)

ALTERNATOR

FLYWHEEL REMOVAL

Place a container under the alternator cover to catch engine oil.

Remove the rear cover.
Remove the alternator cover.

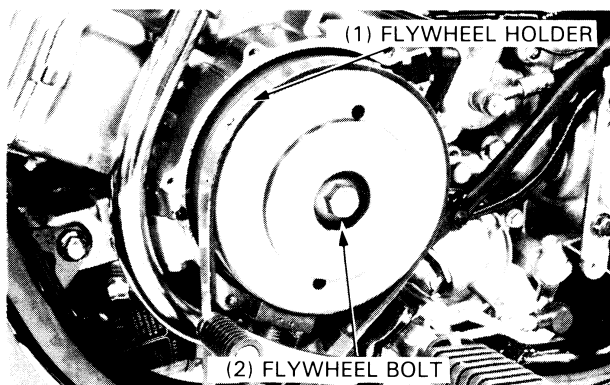


Hold the flywheel with a band strap wrench and remove the flywheel bolt.

TOOL:

FLYWHEEL HOLDER

07725-0040000 OR BAND
STRAP WRENCH (COMMER-
CIALLY AVAILABLE IN U.S.A.)

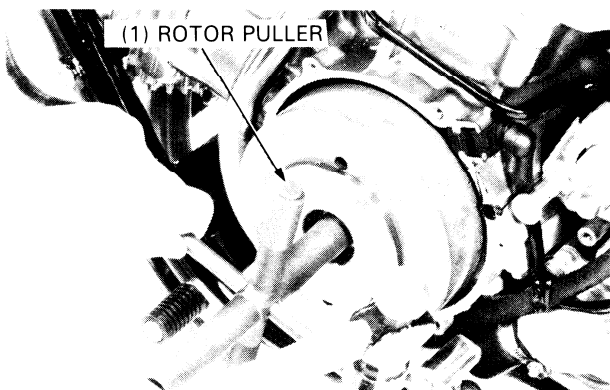


Remove the flywheel with the rotor puller.
Remove the woodruff key from the crankshaft.

TOOL:

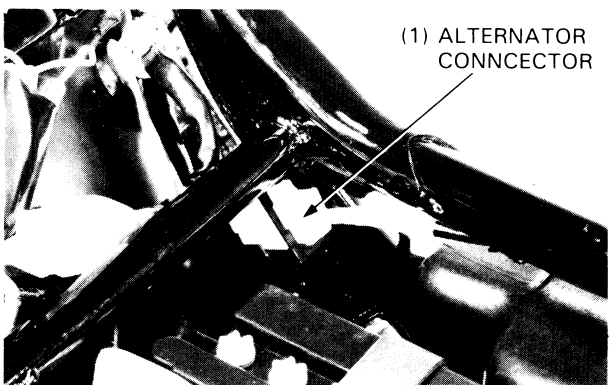
ROTOR PULLER

07733-0020001 or
07933-3290001



STATOR REPLACEMENT

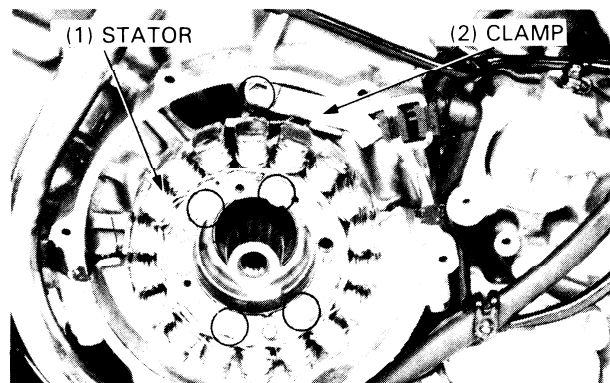
Remove the seat and left side cover (page 4-17).
Disconnect the alternator coupler and remove the wireband.



Remove the wire clamp by removing the bolt, then remove the stator by removing the bolts.
Install the stator in the reverse order of removal.

NOTE

- Install the stator wire grommet securely into the left crankcase cover.



FLYWHEEL INSTALLATION

Place the woodruff key onto the crankshaft slot, then install the flywheel by aligning its keyway with the key in the crankshaft.

Install the flywheel bolt.

Hold the flywheel with the flywheel holder and tighten the bolt.

TOOL:

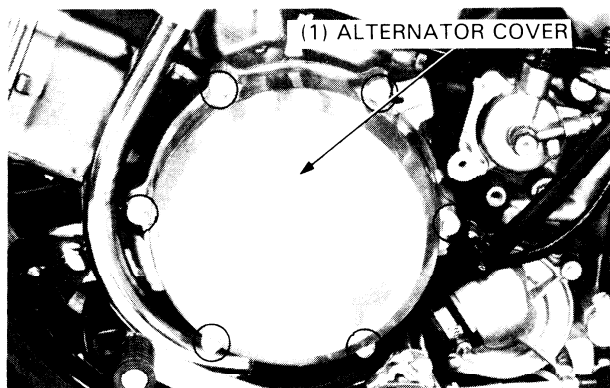
FLYWHEEL HOLDER

07725-0040000 OR BAND STRAP WRENCH (EQUIVALENT COMMERCIALLY AVAILABLE IN U.S.A.)



TORQUE: 80–100 N·m (8.0–10.0 kg-m, 58–72 ft-lb)

Install the alternator cover.



Install the rear cover.

Check the engine oil level and add oil if necessary (page 2-3).

