

7. A.C. GENERATOR



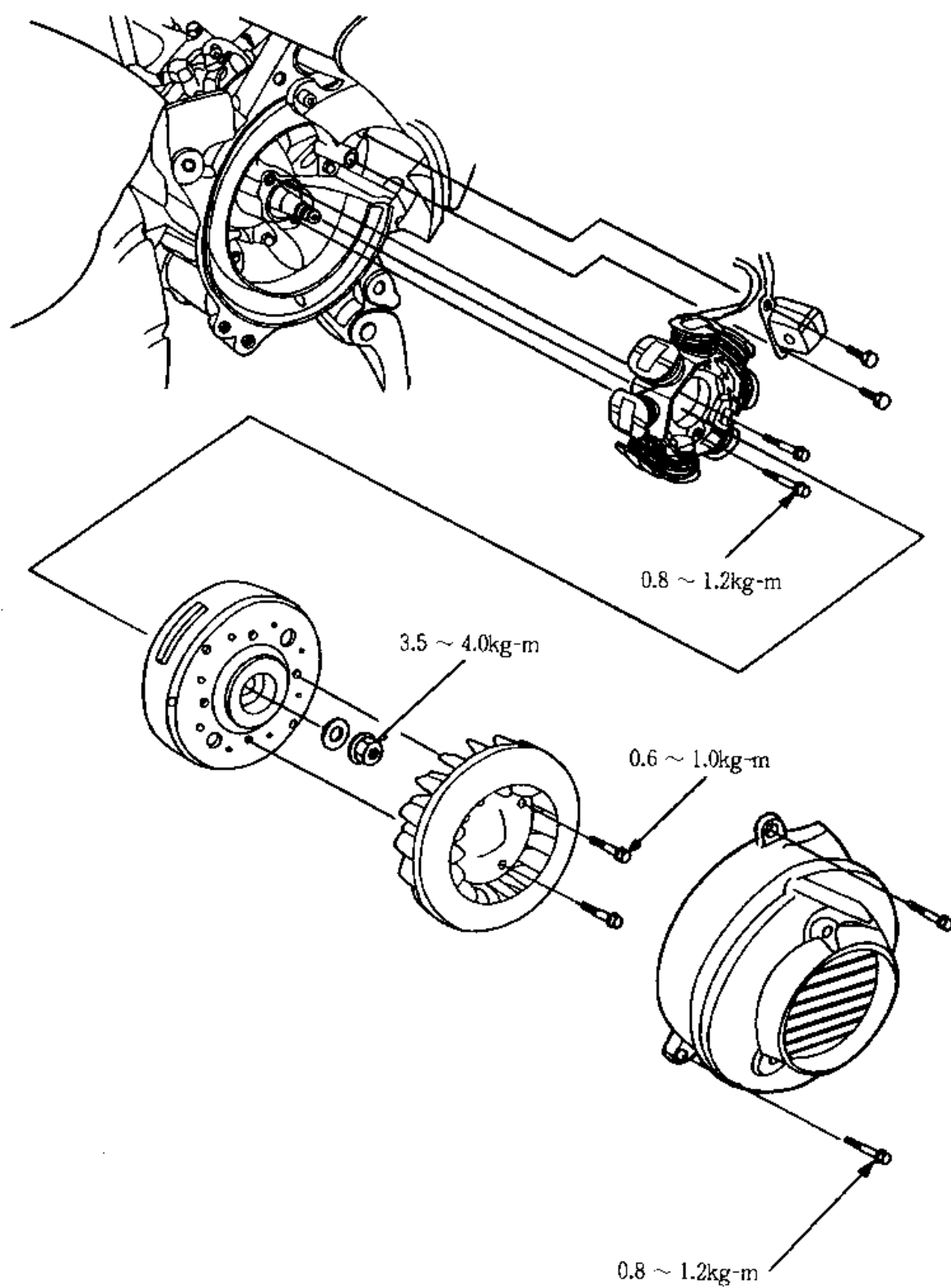
A.C. GENERATOR

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SERVICE INFORMATION

GENERAL INSTRUCTIONS

- All A.C. generator maintenance and inspection can be made with the engine installed.
- Refer to Section 15 for A.C. generator inspection.

TORQUE VALUE

Flywheel nut : 3.5_ 4.0kg-m

SPECIAL TOOLS

Flywheel puller
Universal holder

7. A.C. GENERATOR

A.C. GENERATOR REMOVAL

Remove the three bolts attaching the fan cover to remove the fan cover.

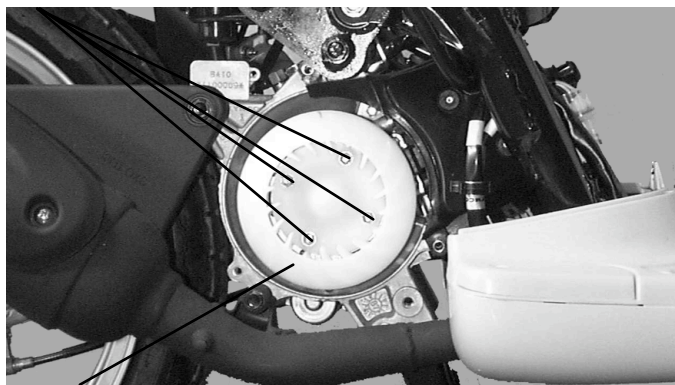


Fan Cover

Bolts

Remove the cooling fan by removing the four bolts.

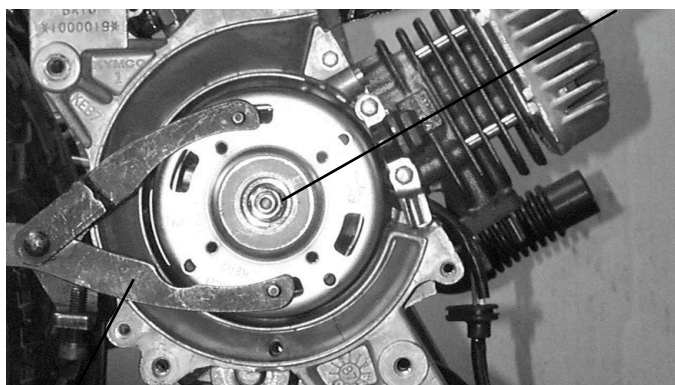
Bolt



Cooling Fan

Hold the flywheel with an universal holder and then remove the 10mm flywheel nut.

Nut

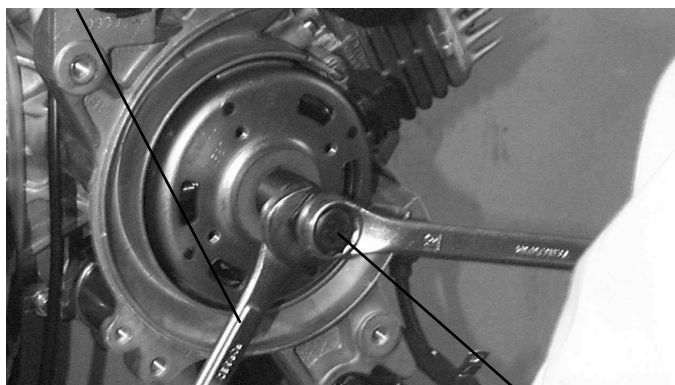


Universal Holder

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Remove the A.C. generator flywheel using the flywheel puller.

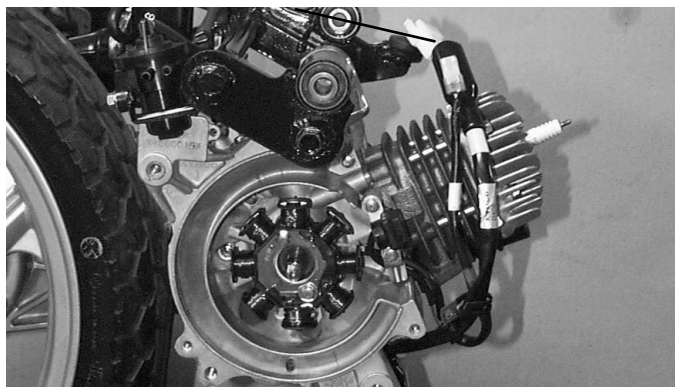
Lock Nut Wrench



Flywheel Puller

Remove the A.C. generator wire connector.

A.C. Generator Wire Connector



Remove the two pulser coil bolts and pulser coil from the right crankcase.
Remove the pulser coil wire clamp from the right crankcase.
Remove the two bolts attaching the A.C. generator stator.

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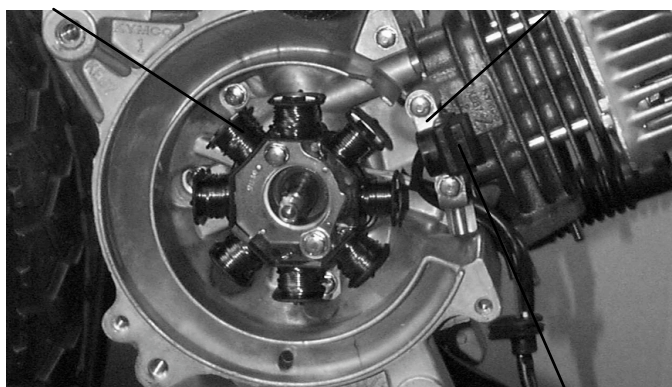
Be careful not to damage the disconnected wire.

A.C. GENERATOR INSTALLATION

Install the A.C. generator stator and pulser coil wire clamp onto the right crankcase, and then install the pulser coil.

Stator

Wire Clamp

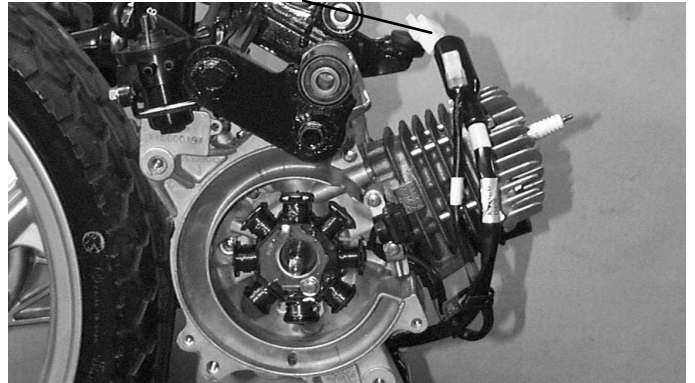


Pulser Coil

7. A.C. GENERATOR

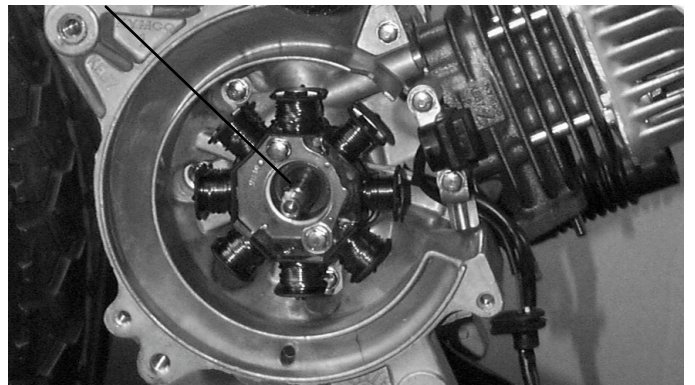
Connect the A.C. generator wire connector.

A.C. Generator Wire Connector



Clean the taper hole in the flywheel off any burrs and dirt.
Install the woodruff key in the crankshaft keyway.

Woodruff Key



Install the flywheel onto the crankshaft with the flywheel groove aligned with the crankshaft woodruff key.
Hold the flywheel with the universal holder and install the 10mm flywheel flange nut.

Torque: 3.5_ 4.0kg-m

Start the engine and check the ignition timing. (⇒3-8)

Install other removed parts in the reserve order of removal.

Universal Holder

