

# 8. A.C. GENERATOR

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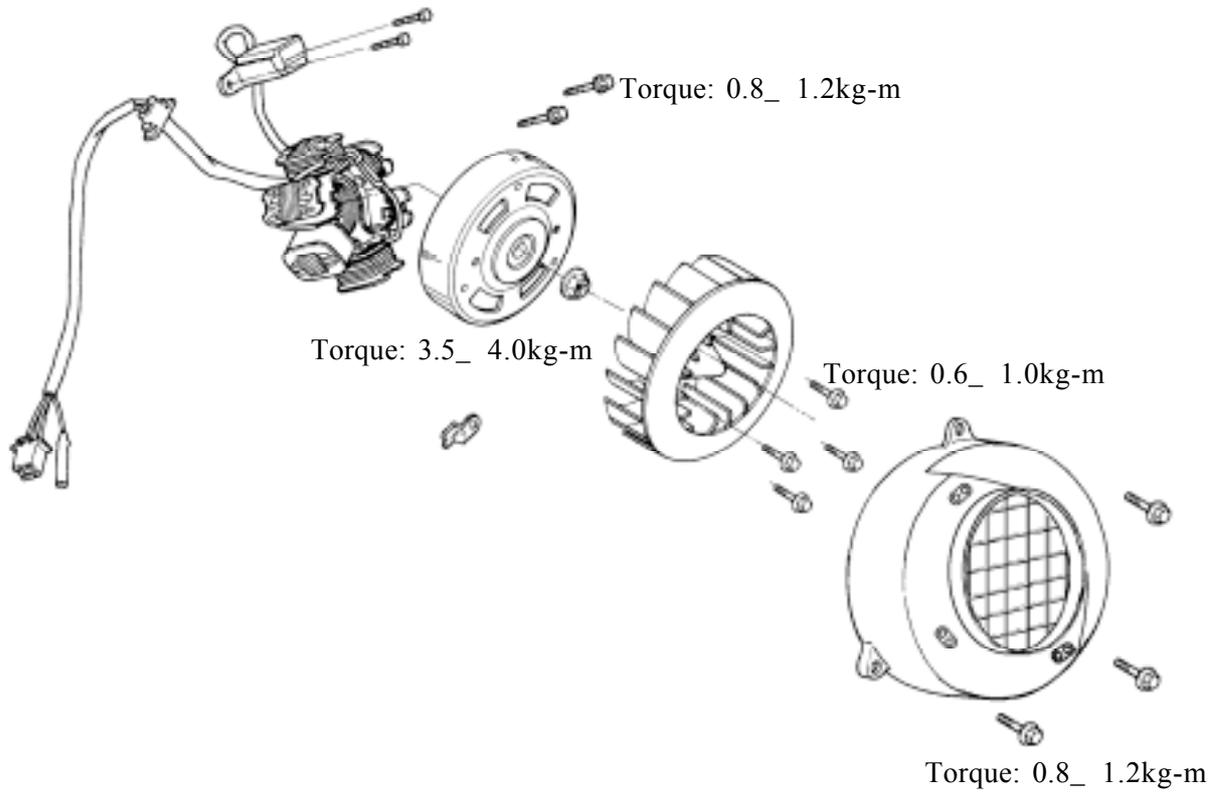
## A.C. GENERATOR

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# 8. A.C. GENERATOR



## **8. 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 14, 15 for A.C. generator inspection.

#### **TORQUE VALUE**

Flywheel nut : 3.5\_ 4.0kg-m

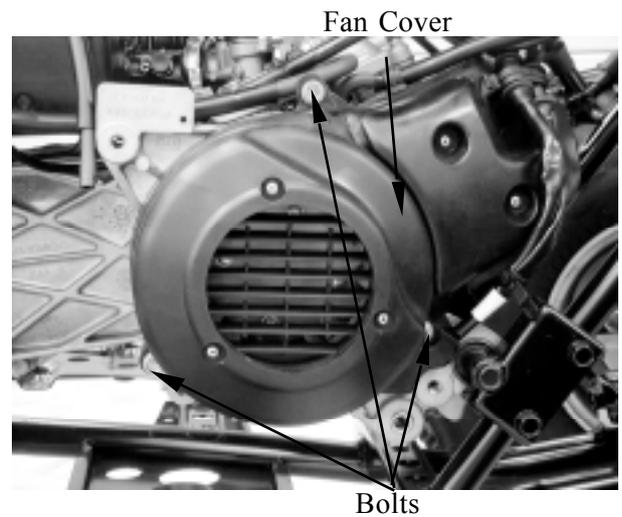
#### **SPECIAL TOOLS**

Flywheel puller  
Universal holder

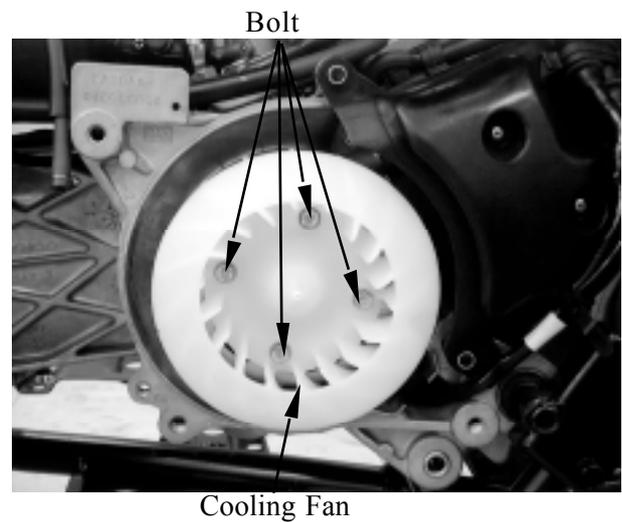
## 8. A.C. GENERATOR

### A.C. GENERATOR REMOVAL

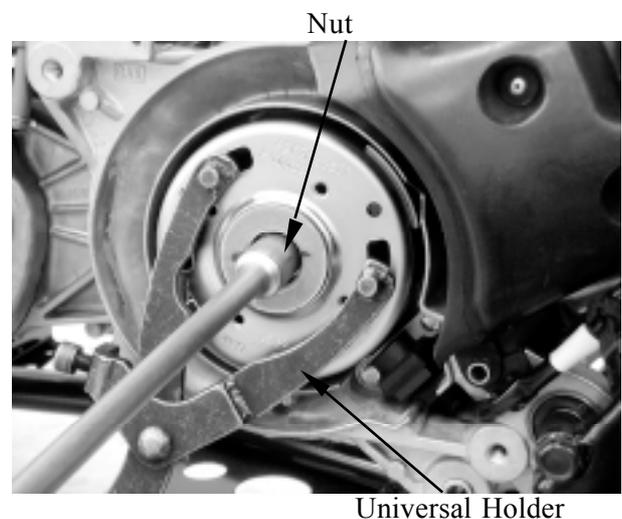
Remove the three bolts attaching the fan cover to remove the fan cover.



Remove the cooling fan by removing the four bolts.

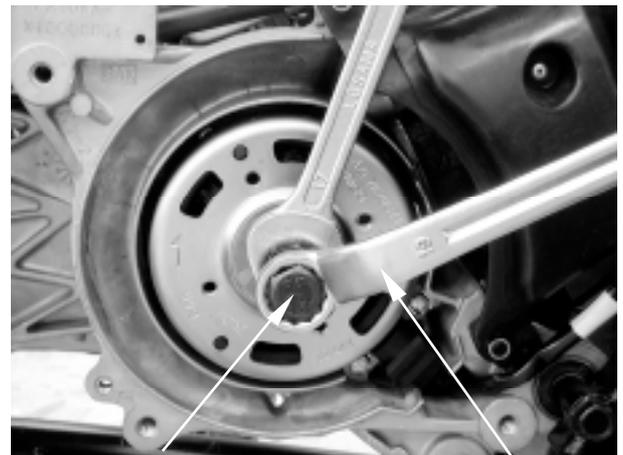


Hold the flywheel with an universal holder and then remove the flywheel nut.



## 8. A.C. GENERATOR

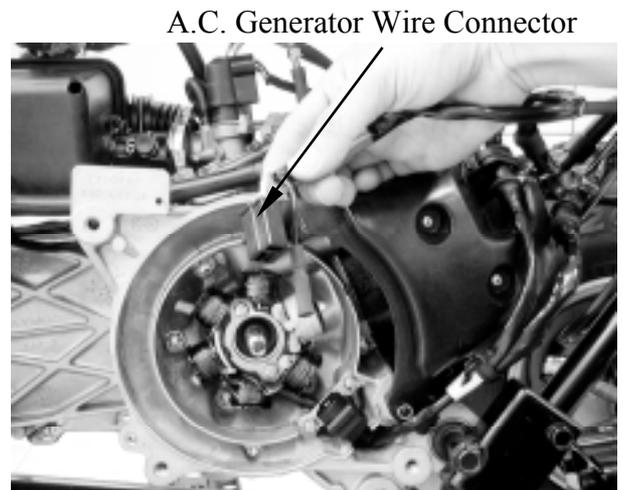
Remove the A.C. generator flywheel using the flywheel puller.



Flywheel Puller

Lock Nut Wrench

Remove the A.C. generator wire connector.



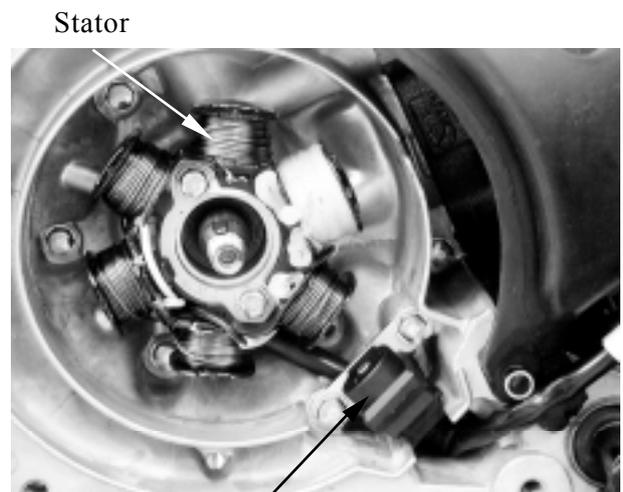
A.C. Generator Wire Connector

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

ⓘ 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

Pulser Coil

## 8. A.C. GENERATOR

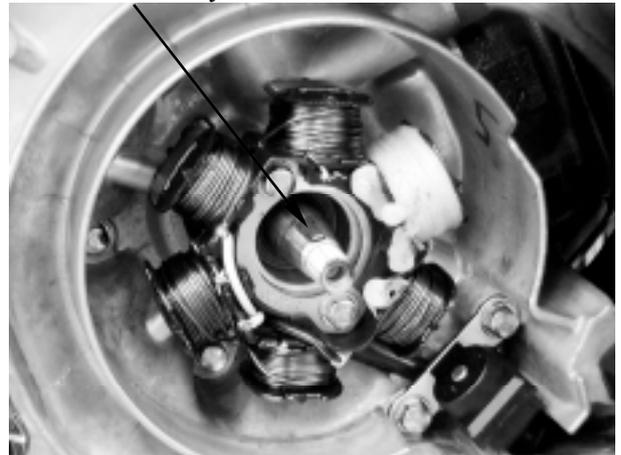
Connect the A.C. generator wire connector.

A.C. Generator Wire Connector



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

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. (⇒3-7)

Install other removed parts in the reserve order of removal.

Universal Holder

