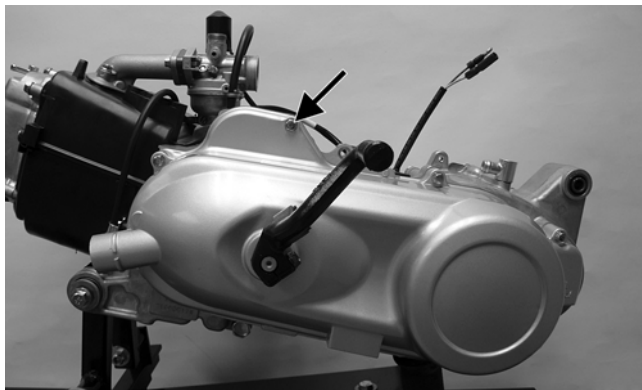


YT160B

CAUTION

Failure to fully engage the splines with the kick-start ratchet could cause false torque reading and crankshaft damage.

9. Install two alignment pins and the gasket; then secure the V-belt cover to the crankcase and tighten the cap screws in a crisscross pattern to 7 ft-lb. Make sure the different-lengthed cap screw is located as illustrated.



YT099A

Right-Side Components

AT THIS POINT

To service center crankcase components only, proceed to Removing Right-Side Components.

NOTE: For efficiency, it is preferable to remove and disassemble only those components which need to be addressed and to service only those components. The technician should use discretion and sound judgment.

AT THIS POINT

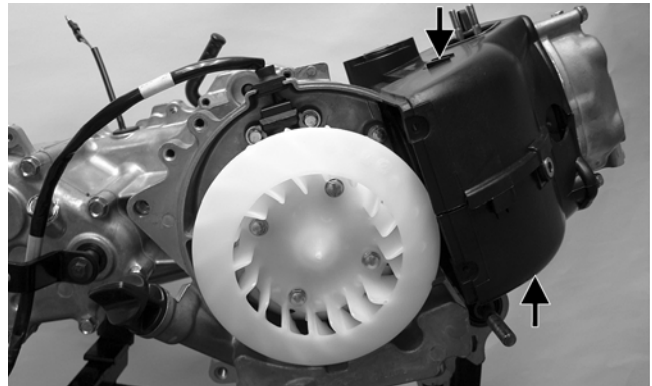
To service any one specific component, only limited disassembly of components may be necessary. Note the AT THIS POINT information in each sub-section.

NOTE: The engine/transmission does not have to be removed from the frame for this procedure.

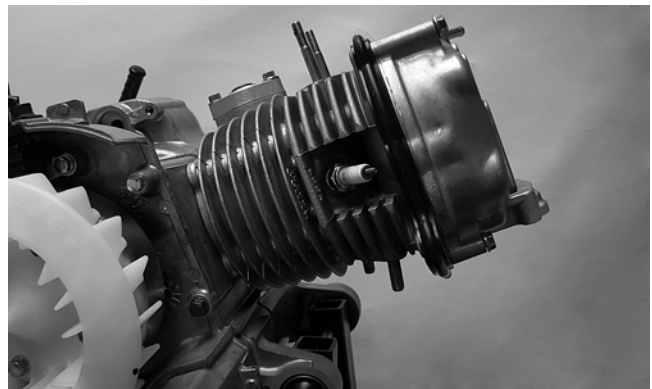
Removing Right-Side Components

- A. COOLING FAN**
- B. ROTOR/FLYWHEEL**
- C. STATOR COIL**
- D. OIL PUMP**

1. Remove the intake pipe/carburetor. Account for an O-ring in the intake pipe.
2. Remove the cooling fan shroud; then remove the cooling shroud from the cylinder and cylinder head.

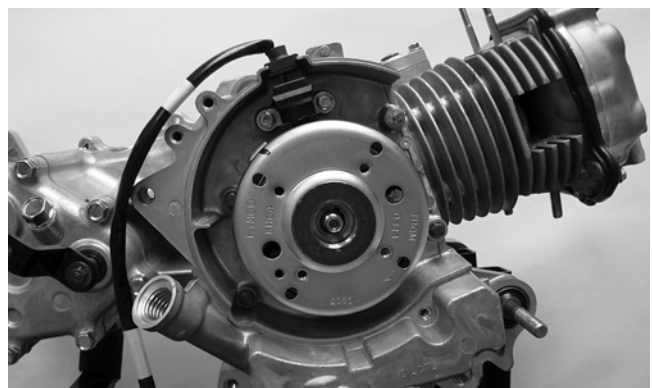


YT091A



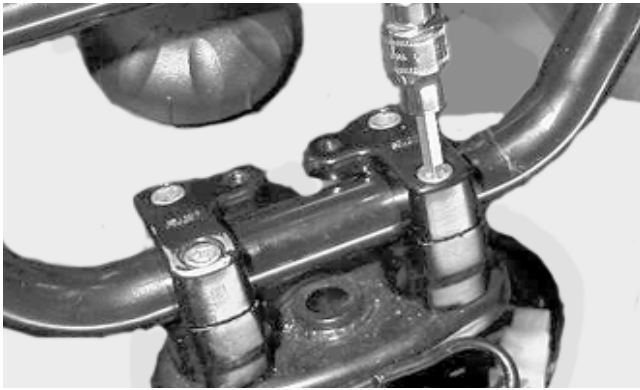
YT092

3. Remove the cooling fan; then remove the nut securing the rotor/flywheel.



YT029

3

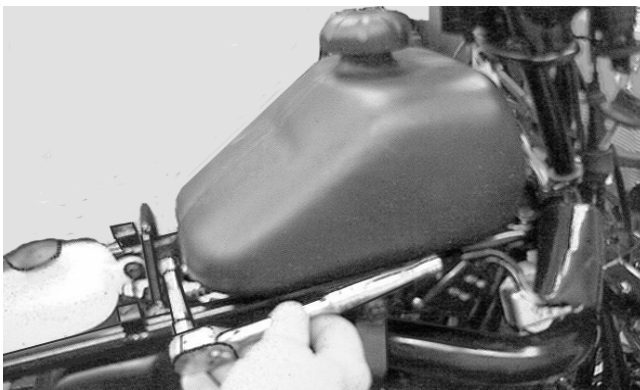


MD2139

- Carefully lay the handlebar assembly forward on the front fender panel.

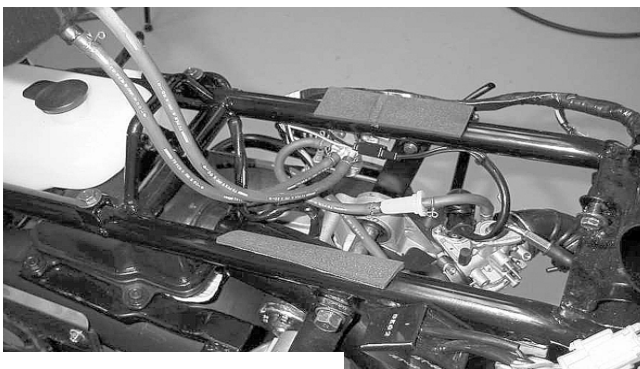
■NOTE: To access the gas tank, it is necessary to move the front fender panel, which requires removing the handlebar from its clamp. However, the levers, controls, cables, and wires do not need to be disconnected. The front fender panel and handlebar assembly can be tilted forward far enough to gain access to the gas tank.

- Remove the four Phillips-head cap screws and six nuts securing the front fender panel. Account for eight washers.
- Remove the gas tank cap; then tilt the front fender panel and handlebar forward.
- Remove the two cap screws securing the gas tank; then lift the gas tank and secure it out of the way.



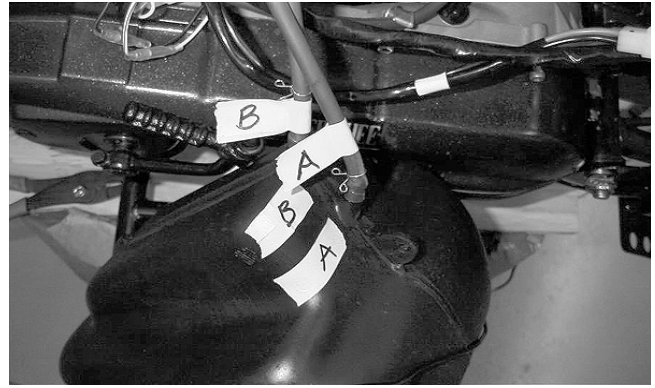
MD2393

- Remove the gas hoses from the fuel valve noting where each one is attached.



MD1865

■NOTE: Mark the gas hoses for assembling purposes.



MD1848

CLEANING AND INSPECTING

■NOTE: Whenever a part is worn excessively, cracked, or damaged in any way, replacement is necessary.

- Clean all gas tank components with parts-cleaning solvent.
- Inspect all hoses for cracks or leaks.
- Inspect gas tank cap and tank for leaks, holes, and damaged threads.

INSTALLING

- Place the gas tank into position on the frame; then install the gas hoses to the fuel valve on the frame according to the tags made during removing.



MD2394

- Install and tighten the gas tank cap screws securely.

■NOTE: Do not over-tighten the cap screws securing the gas tank.