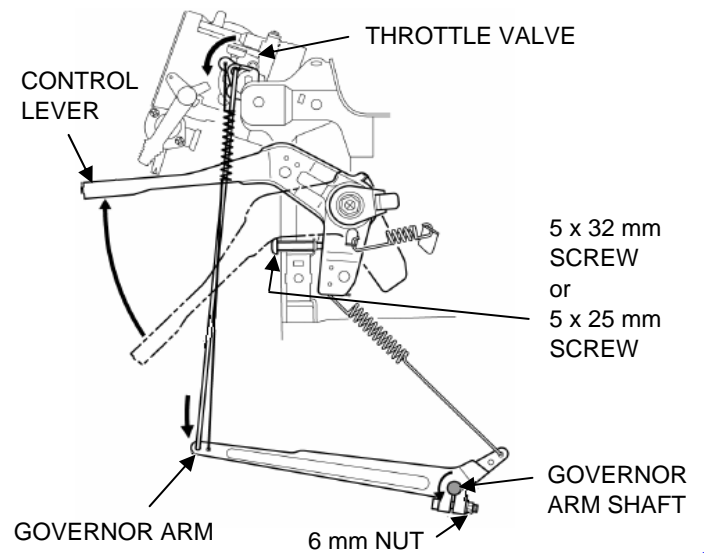




MAXIMUM SPEED (GOVERNOR SYSTEM)

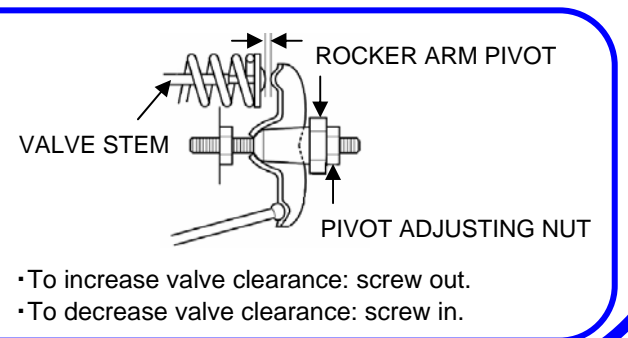
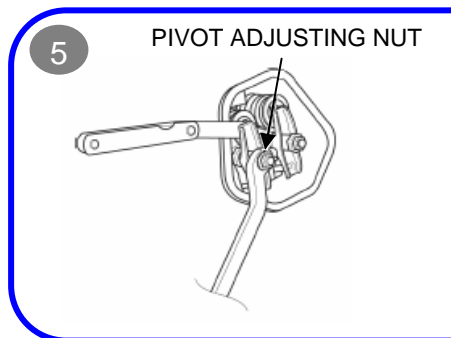
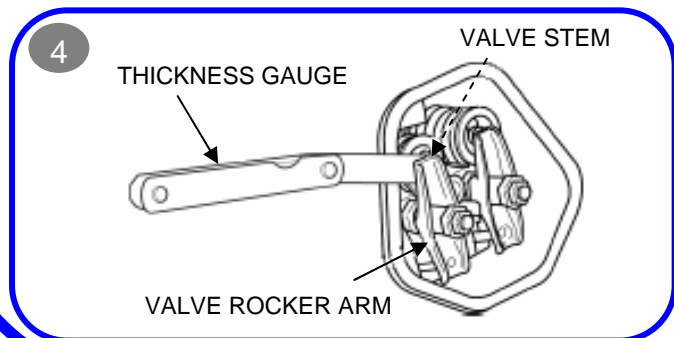
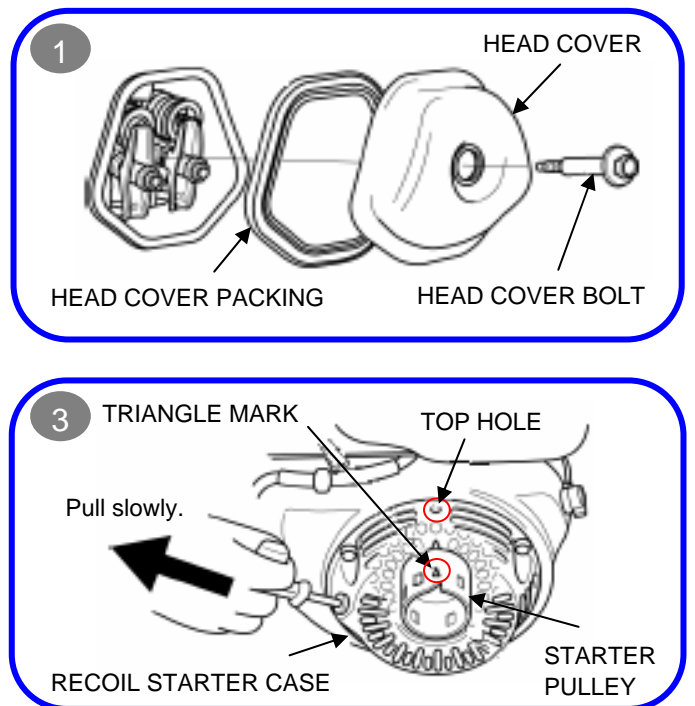
- ①. Remove the fuel tank.
 - ②. Loosen the 6 mm nut of the governor arm.
 - ③. Turn the governor arm counterclockwise to fully open the carburetor throttle valve.
 - ④. Rotate the governor arm shaft as far as it will go in the same direction the governor arm moved to open the throttle valve. Tighten the 6 mm nut securely.
 - ⑤. Install the fuel tank.
 - ⑥. Start the engine and allow it to warm up to normal operating temperature. Move the control lever to run the engine at the specified maximum speed, and hold the control lever.
 - ⑦. Turn the 5 x 32 mm screw or 5 x 25 mm screw of the control base to obtain the specified maximum speed.
- MAXIMUM SPEED: 3,850 ± 150 min⁻¹ (rpm)**



VALVE CLEARANCE

Valve clearance inspection and adjustment must be performed with the engine cold.

- ①. Remove the head cover bolt, the head cover, and the head cover packing.
 - ②. Disconnect the spark plug cap from the spark plug.
 - ③. Set the piston near top dead center of the cylinder compression stroke (both valves fully closed) by pulling the recoil starter slowly. When the piston is near top dead center of the compression stroke, the triangle mark on the starter pulley will align with the top hole on the recoil starter case. If the exhaust valve is opened, use the recoil starter to turn the crankshaft one additional turn and align the triangle mark on the starter pulley with the top hole on the recoil starter case again.
 - ④. Insert a thickness gauge between the valve rocker arm and valve stem to measure the valve clearance.
- VALVE CLEARANCE: 0.15 ± 0.02 mm (IN) 0.20 ± 0.02 mm (EX)**
- ⑤. If adjustment is necessary, proceed as follows.
 - a. Hold the rocker arm pivot and loosen the pivot adjusting nut.
 - b. Turn the rocker arm pivot to obtain the specified clearance.
 - c. Hold the rocker arm pivot and retighten the pivot adjusting nut to the specified torque. **TORQUE: 10 N·m (1.0 kgf·m, 7 lbf·ft)**
- Recheck the valve clearance, and if necessary, readjust the clearance.



IGNITION COIL AIR GAP

- ①. Attach the ignition coil and loosely tighten the two 6 x 28 mm flange bolts.
 - ②. Insert the thickness gauge of proper thickness between the ignition coil and the flywheel.
- IGNITION COIL AIR GAP: 0.4 ± 0.2 mm (0.016 ± 0.008 in)**
- NOTICE: Adjust the ignition coil air gap equally on both sides.**
- ③. Push the ignition coil firmly against the flywheel and tighten the 6 x 28 mm flange bolts securely.
 - ④. Remove the thickness gauge.

