

## SPARK PLUG

Disconnect the spark plug cap and remove the spark plug.

Visually inspect the spark plug electrodes for wear. The centre electrode should have square edges and side electrode should have a constant thickness. Discard the spark plug if there is apparent wear or if the insulator is cracked or chipped. Measure the gap with a wire-type feeler gauge and adjust by carefully bending the side electrode.

### SPARK PLUG GAP:

0.6 – 0.7 mm (0.024 – 0.028 in.)

### RECOMMENDED REPLACEMENT PLUG:

NGK D6ES  
D5ES

Check the sealing washer and replace with a new one if damaged.

Install the spark plug, tighten it by hand, then tighten with a spark plug wrench.

Connect the spark plug cap.

## VALVE CLEARANCE

### NOTE:

Inspect and adjust valve clearance while the engine is cold (below 35°C/95°F).

Remove the fuel tank.

Remove the crankshaft hole cap and timing mark hole cap.

Remove the valve adjuster covers.

Rotate the crankshaft counterclockwise and align the "T" mark on the generator rotor with the index mark on the left crankcase cover. The piston must be at T.D.C. (Top Dead Centre) of the compression stroke. Inspect the intake and exhaust valve clearances by inserting a feeler gauge between the adjusting screw and valve stem.

### VALVE CLEARANCES:

INTAKE: 0.07 mm (0.003 in.)

EXHAUST: 0.07 mm (0.003 in.)

Adjust by loosening the lock nut and turning the adjusting screw until there is a slight drag on the feeler gauge.

Hold the adjusting screw and tighten the lock nut.

Recheck the valve clearance.

Install the valve adjuster covers.

Install the timing hole cap and crankshaft hole cap.

Install the fuel tank.

