

MAINTENANCE

SPARK PLUG

Disconnect the spark plug cap and remove the spark plug.

Visually inspect the spark plug. Discard it if the insulator is cracked or chipped.

Measure the spark plug gap with a wire-type feeler gauge. Adjust the gap by bending the side electrode carefully.

SPARK PLUG GAP: 0.8–0.9 mm (0.03–0.04 in)

RECOMMENDED SPARK PLUG:

Standard	X24EPR-U9 (ND) DPR8EA-9 (NGK)
For extended high speed riding	X27EPR-U9 (ND) DPR9EA-9 (NGK)

Make sure the sealing washer is in good condition.

Install the spark plug, tighten it by hand, then use a spark plug wrench for the final tightening.

Connect the spark plug cap.

VALVE CLEARANCE

NOTE

- Inspect and adjust valve clearance while the engine is cold (below 35°C/95°F).
- Make sure the decompressor valve lifters have some free play during this maintenance.

Remove the seat.

Turn the fuel valve to OFF, disconnect the fuel line, and remove the tank.

Remove the crankshaft and timing hole caps.
Remove the valve adjuster covers.

Rotate the flywheel counterclockwise to align the "T" mark with the cutout on the left crankcase cover.
Make sure the piston is at TDC (Top Dead Center) on the compression stroke.

Check the clearance of the left exhaust, and left and right intake valves by inserting a feeler gauge between the adjusting screw and the sub-rocker arm.

NOTE

- When checking the clearance, slide the feeler gauge from the inside out in the direction of the arrow.

VALVE CLEARANCE:

Intake: 0.10 mm (0.004 in)
Left Exhaust: 0.12 mm (0.005 in)

