

MAINTENANCE

SPARK PLUG

Disconnect the spark plug cap and remove the spark plug using the wrench provided in the tool kit.

Visually inspect the spark plug electrodes for wear. The center electrode should have square edges and the 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: 0.7–0.8 mm (0.028–0.031 in)
RECOMMENDED SPARK PLUG:

NORMAL	COLD WEATHER
BP9ES (NGK)	BR8ES (NGK)
RN2C (CHAMPION)	RN3C (CHAMPION)

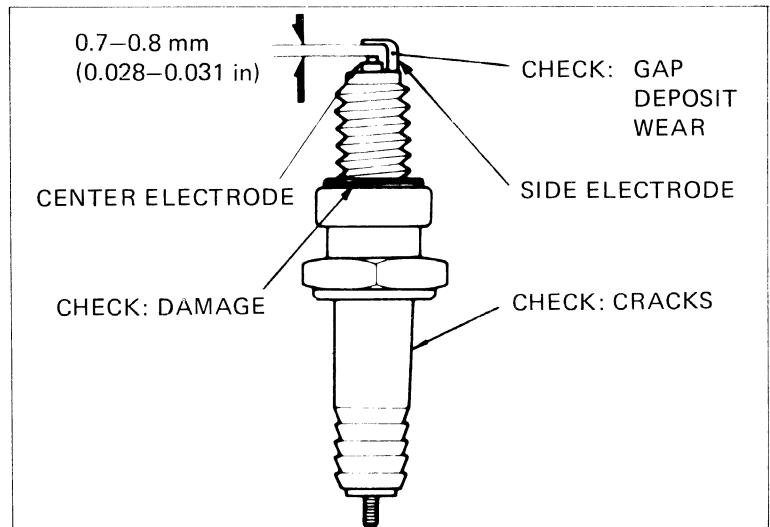
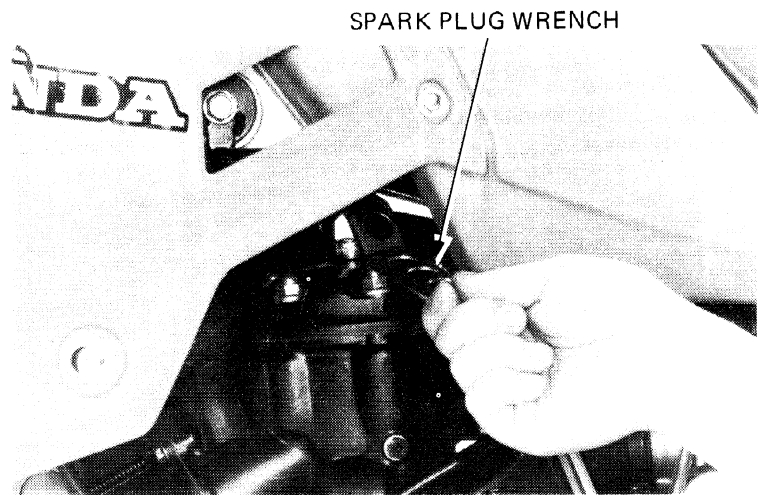
Check the sealing washer and replace the spark plug if the washer is damaged.

With the sealing washer attached, thread the spark plug in by hand to prevent cross-threading.

Tighten the spark plug to the specified torque.

TORQUE: 15–20 N·m
(1.5–2.0 kg·m, 11–14 ft·lb)

Connect the spark plug cap.



CARBURETOR IDLE SPEED

Place the ATC on level ground and shift it into neutral warm up the engine.

Attach an engine tachometer.

'85:

Adjust the idle speed with the throttle stop screw.

AFTER '85:

Adjust the idle speed with the choke/idle speed knob.

IDLE SPEED: '85: 1,400 ± 150 rpm
AFTER '85: 1,500 ± 150 rpm

'85: THROTTLE STOP SCREW **AFTER '85: CHOKE/IDLE SPEED KNOB**

