

To check and change the spark plug:

1. Remove the seat (page 155).
2. Loosen the screw and remove the resonance chamber (Fig. 4-18).
3. Disconnect the spark plug cap.
4. Clean the any dirt from around the spark plug base.
5. Remove the plug with the wrench provided in the tool kit.
6. Inspect the electrodes and center porcelain for deposits, erosion or carbon fouling. If the erosion or deposit is heavy, replace the plug.
7. Make sure that the 1.2 mm wire-type feeler gauge does not insert between the spark plug gap. Avoid forcing the gauge into the gap. If the gauge easily fits into the gap, replace the plug with a new one.
8. Make sure the plug washer is in good condition.
9. With the plug washer attached, thread the spark plug in by hand to prevent cross-threading.
10. After threading by hand, tighten a new spark plug 1/2 turn with the spark plug wrench to compress the washer. If you are reusing a plug, it should only take 1/8 – 1/4 turn after the plug seats.

**CAUTION:**

**The spark plug must be securely tightened. An improperly tightened plug can become very hot and possibly damage the engine.**

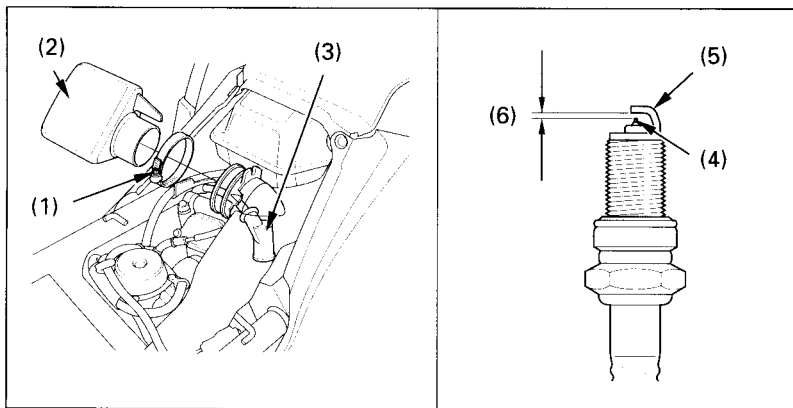


Fig. 4-18 (1) Screw  
(2) Resonance chamber  
(3) Spark plug cap

(4) Center electrode  
(5) Side electrode  
(6) Spark plug gap