

### IDLE DROP PROCEDURE (XL125LK)

1. Turn the pilot screw clockwise until it is lightly seated then back it out the specification given.  
This is an initial setting prior to the final pilot screw adjustment.

- Damage to the pilot screw seat will occur if the pilot screw is tightened to the seat.

**INITIAL OPENING: 1-7/8 turns out**

**TOOL:**

**[1] Pilot screw wrench                      07908-4730002**

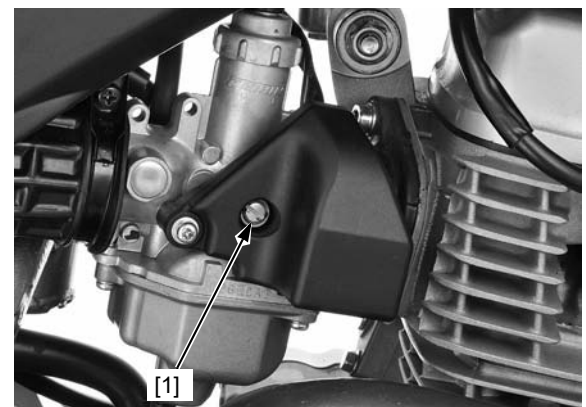
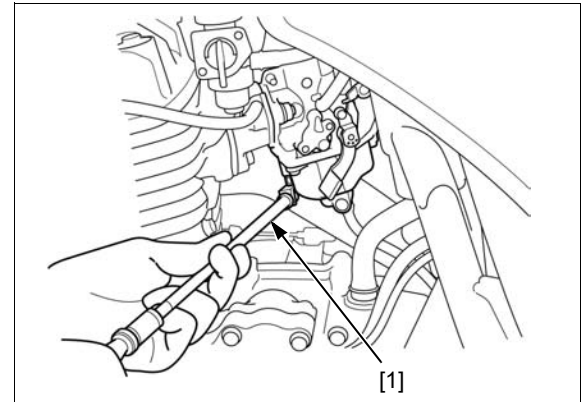
2. Warm up the engine to operating temperature.  
Stop and go riding for 10 minutes sufficient.
3. Stop the engine and connect a tachometer according to the tachometer manufacturer's instructions.
4. Start the engine and adjust the idle speed with the throttle stop screw [1].

**IDLE SPEED: 1,500 ± 100 min<sup>-1</sup> (rpm)**

5. Turn the pilot screw inward or outward slowly to obtain the highest engine speed.
6. Lightly open the throttle 2 – 3 times, then adjust the idle speed with the throttle stop screw.
7. Turn the pilot screw inward to the final opening.

**FINAL OPENING: 5/8 turns in from the position obtained in step 6**

8. Readjust the idle speed with the throttle stop screw.



## SECONDARY AIR SUPPLY SYSTEM (XR125LK/LEK)

### SYSTEM INSPECTION

Start the engine and warm it up to normal operating temperature.

Remove the right side shroud (page 2-4).

Disconnect the air cleaner sub filter-to-PAIR control valve hose [1].

Check that the hose joint of the air filter is clean and free carbon deposits.

If the port is carbon fouled, check the PAIR check valve.

