PILOT SCREW ADJUSTMENT

IDLE DROP PROCEDURE

⚠WARNING

- ***If the engine must be running to do some work, make sure the area is well ventilated. Never run the engine in an enclosed area.***
- ***The exhaust contains poisonous carbon monoxide gas that can cause loss of consciousness and may lead to death.***

NOTE:

- The pilot screw is factory pre-set and no adjustment is necessary unless it is replaced.
- Use a tachometer with graduations of 50 rpm or smaller that will accurately indicate a 50 rpm change.

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

INITIAL OPENING: 1 3/4 turns out

CAUTION:

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

2. Warm up the engine to operating temperature. Stop and go riding for 10 minutes is sufficient.
3. Attach a tachometer according to its manufacturer's instructions.
4. Start the engine and adjust the engine idle speed to the specified rpm with the throttle stop screw.

IDLE SPEED: 1,400 ± 100 min^{-1} (rpm)

5. Turn the pilot screw in or out slowly to obtain the highest engine speed.
6. Readjust the idle speed with the throttle stop control knob.
7. Lightly open the throttle 2—3 times, then adjust the idle speed with the throttle stop control knob.
8. Turn the pilot screw in gradually until the engine speed drops 100 rpm.
9. Turn the pilot screw counterclockwise the number of turns to the specification given.

FINAL OPENING: 3/4 turns out

10. Readjust the idle speed with the throttle stop control knob.



