



PILOT SCREW

REMOVAL/INSTALLATION

NOTE

The pilot screw is factory pre-set and should not be removed unless the carburetor is overhauled.

Remove the carburetor.

Remove the float chamber.

Turn the pilot screw in and carefully count the number of turns before it seats lightly.

Make a note of this to use as a reference when installing the pilot screw.

CAUTION:

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

Remove the pilot screw with the limiter cap attached.

CAUTION:

Any forcible attempt to remove the pilot screw limiter cap will break the screw.

Inspect the pilot screw for wear and replace if necessary.

Install the pilot screw and return it to its original position as noted during removal.

Perform pilot screw adjustment if a new pilot screw is installed.

NOTE

Do not install a limiter cap on a new pilot screw until after adjustment has been made (see below).

ADJUSTMENT

NOTE

The pilot screw is factory pre-set and no adjustment is necessary unless the pilot screw is replaced.

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

INITIAL OPENING: 1980 - 2 turns out
1981 - 2 1/2 turns out

CAUTION:

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

Warm the engine up to operating temperature.

Stop and go riding for 10 minutes is sufficient.

Connect a tachometer.

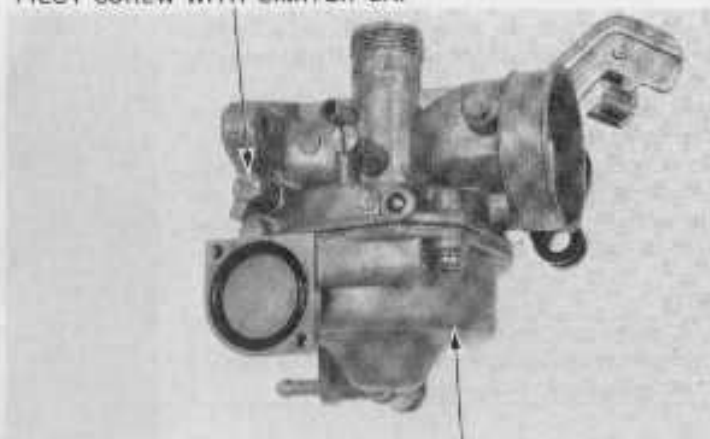
Adjust the idle speed with the throttle stop screw.

IDLE SPEED: 1,500 ± 100 rpm

Turn the pilot screw in or out to obtain the highest engine speed.

Readjust the idle speed to 1,500 ± 100 rpm, using the throttle stop screw.

PILOT SCREW WITH LIMITER CAP



FLOAT CHAMBER



PILOT SCREW