

## FUEL SYSTEM

### PILOT SCREW ADJUSTMENT

#### IDLE DROP PROCEDURE (U.S.A. ONLY)

##### NOTE:

- The pilot screws are factory pre-set and no adjustment is necessary unless the pilot screws are replaced (page 4-8).
- Use a tachometer with graduations of 50 rpm or smaller that will accurately indicate a 50 rpm change.

1. Turn each 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:

- '83: No. 1 (Rear) 2-1/2 turns out
- No. 2 (Front) 2-1/2 turns out
- '84: No. 1 (Rear) 2-3/4 turns out
- No. 2 (Front) 2-3/4 turns out

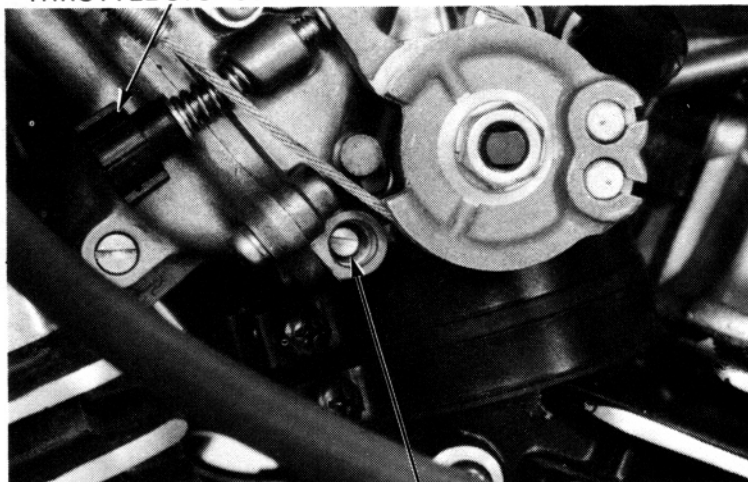
- After '84: No. 1 (Rear) 3 turns out
- No. 2 (Front) 3 turns out

##### 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 driving for 10 minutes is sufficient.
3. Attach a tachometer according to the manufacturer's instructions.
4. Adjust the idle speed with the throttle stop screw.
5. Turn each pilot screw 1/2 turn out from the initial setting.
6. If the engine speed increases by 50 rpm or more, turn each pilot screw out by a continual 1/2 turn until engine speed drops by 50 rpm or less.
7. Adjust the idle speed with the throttle stop screw.
8. Turn the No. 1 carburetor pilot screw in until the engine speed drops 50 rpm.
9. Turn the No. 1 carburetor pilot screw 1 turn out from the position obtained in step 8.
10. Adjust the idle speed with the throttle stop screw.
11. Perform steps 8, 9 and 10 for the No. 2 carburetor pilot screw.
12. Drive new pilot screw plugs into the pilot screw bores with a 7 mm valve guide drive (P/N 07942-8230000). When fully seated the plug surfaces will be recessed 1 mm.

THROTTLE STOP SCREW



PILOT SCREW

