

- Insert the new shim on the valve spring retainer.

CAUTION

1. Do not put shim stock under the shim. This may cause the shim to pop out at high rpm, causing extensive engine damage.
2. Do not grind the shim. This may cause it to fracture, causing extensive engine damage.

NOTE: If the smallest shim does not sufficiently increase clearance, the valve seat is probably worn. In this case, repair the valve seat (Pg. 143), and check the valve stem installed height (Pg. 145).

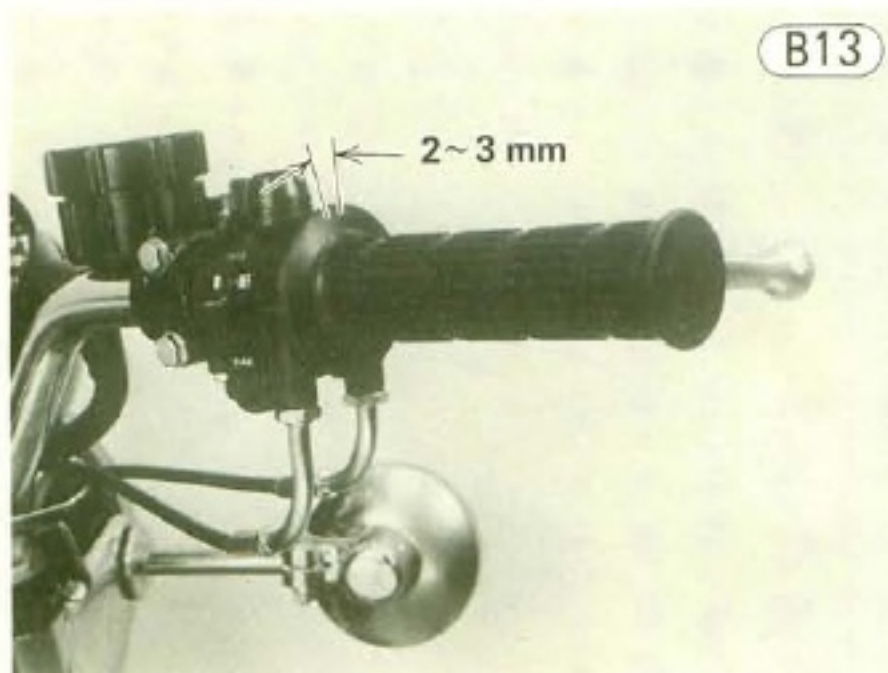
- Install the camshaft and camshaft chain guide sprocket (Pg. 47), remeasure the valve clearance that was adjusted, and readjust if necessary.

THROTTLE CABLES

There are two throttle cables, the accelerator cable for opening the throttle valves and decelerator cable for closing them. If the cables are too loose from either cable stretch or maladjustment, the excessive play in the throttle grip will cause a delay in throttle response, especially at low rpm. Also, the throttle valves may not open fully at full throttle. On the other hand, if the cables are too tight, the throttle will be hard to control, and the idling speed will be erratic.

To check the throttle cable adjustment:

- Check that there is 2~3 mm throttle grip play.

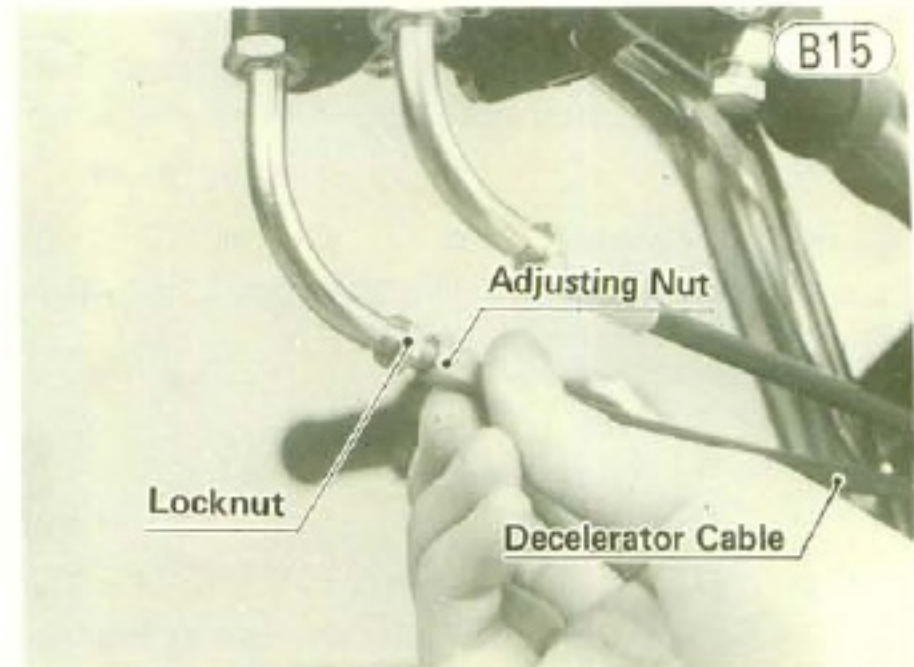


- Push the throttle grip completely closed. At this time there should be no clearance between the cable bracket and the stopper.

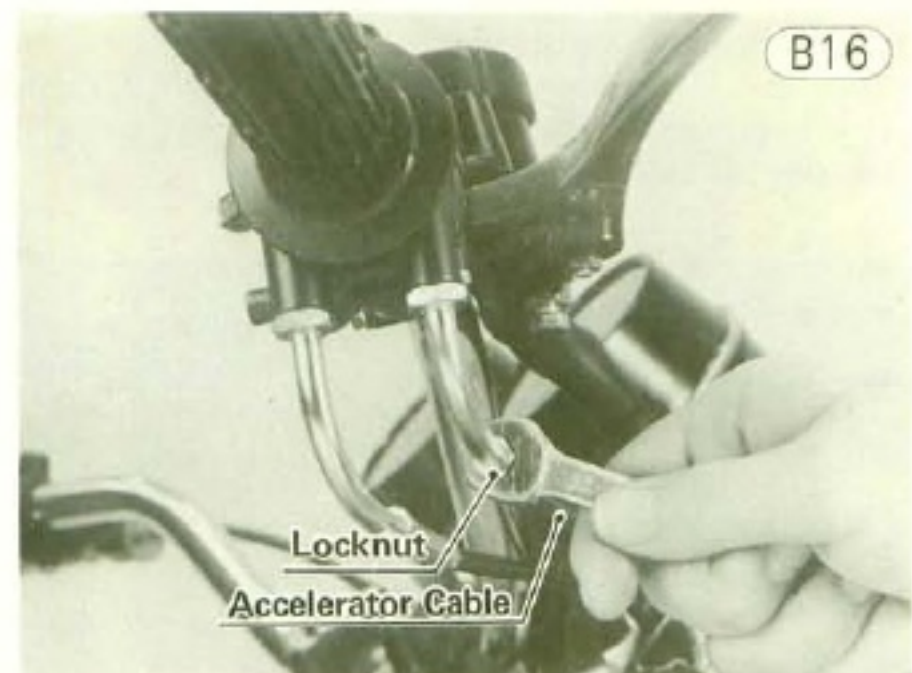


If any one of the above checks shows to be maladjusted, adjust the throttle cable as follows:

- Loosen the locknuts, and screw both throttle cable adjusting nuts in fully at the upper end of the throttle cables so as to give the throttle grip plenty of play.
- Turn out the decelerator cable adjusting nut until there is no clearance between the cable bracket and the stopper when the throttle grip is completely closed.



- Turn out the decelerator adjusting nut 2 turns from that point, and tighten the locknut.
- Turn the accelerator cable adjusting nut until 2~3 mm of throttle grip play is obtained. Tighten the locknut.



NOTE: If the throttle cables can not be adjusted by using the cable adjusting nuts at the upper end of the throttle cables, use the cable adjuster at the lower end of the throttle cables. Do not forget to securely tighten the adjuster mounting nuts.

CARBURETORS

Although some internal carburetor parts can be adjusted by replacement, repositioning, etc., these adjustments are covered in the maintenance section of this manual. The following procedure covers the idling adjustment, which should be inspected during periodic