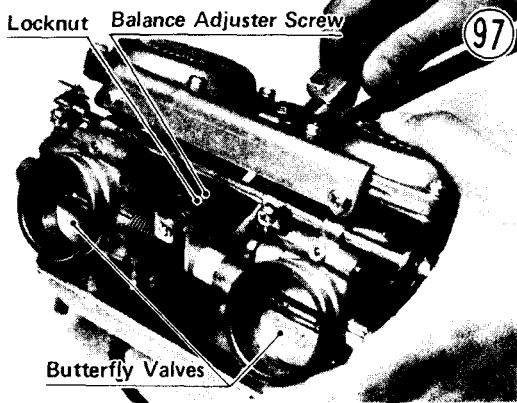


34 DISASSEMBLY

oTurn the idling screw in until the butterfly valves just begin to open and there is a slight gap between the valve and bore.

oLoosen the locknut and turn the balance adjuster screw to obtain the same gap between the butterfly valve and the bore in each carburetor.



oTighten the locknut.

oBack out the idling screw again, and turn in the lever stopper screw so that it contacts the lever just before the butterfly valves close. Idling screw position will be readjusted later.

- Slip the carburetors back into place the reverse of how they were removed.
- Once the ducts and carburetor are all properly fitted on the carburetors, tighten all four clamps.
- Route the carburetor tubes (4) to the rear right of the engine.
- Fit the fuel hoses (2) back onto the fuel tap, and slide the clamps (2) back into place.
- Fit the right and left side covers.
- Adjust the throttle cables (Pg. 13).
- Adjust the carburetors (Pg. 14).

Carburetor Alignment

•Unscrew the starter plunger lever screws28 (2), remove the screw38, spring37, flat washer 36 and plastic washer35, and then pull off the choke lever linkage shaft34

•Remove the screws and lock washers (4 ea) to take off the upper mounting plate(29)

•Remove the screws and lock washers (4 ea) to take off the lower mounting plate 29 and separate the left and right carburetors.

Assembly Notes:

1. Use a non-permanent locking agent on each mounting screws.
2. The choke lever linkage shaft should be installed last, to avoid bending the shaft.
3. To prevent binding of the throttle linkage and air leaks from carburetor holders, both the left and right carburetor bore openings must be on the same plane. That is, the centerlines of the carburetor bores must be parallel both horizontally and vertically. If they are not, loosen the mounting screws just enough so that the carburetors are able to move, align them on a flat surface, and retighten the mounting screws. Check for smooth operation of the throttle linkage, and proper alignment at the balance adjuster mechanism.

Carburetor Body Disassembly (per carburetor):

- Remove the drain plug 23 and copper washer 22, and remove the main jet 21
- Remove the upper chamber cover screws (3) and lock washers (3), and take off the upper chamber cover 3 and spring 4
- Pull out the vacuum piston (9) with the diaphragm (8).

