



VF750 #8
SEPTEMBER 1982

SERVICE BULLETIN

AMERICAN HONDA MOTOR CO., INC. MOTORCYCLE SERVICE DEPARTMENT

1982 VF750C MAGNA and VF750S SABRE DRIVEABILITY PERFORMANCE IMPROVEMENT

Some owners of these motorcycles may experience poor driveability performance under part-throttle operation. This condition can be improved by fitting air jets into the carburetor air vent tubes.

PREPARATION

FOR MAGNA:

1. Remove the right side cover.
2. Disconnect the fuel line at the filter, then completely drain the fuel into an approved container.

WARNING Gasoline is extremely flammable and is explosive under certain conditions. Do not smoke or allow flames in the area.

3. Remove the seat.
4. Remove both front mounting bolts from the fuel tank, then tilt the front of the tank backwards and attach the support arm.

CAUTION:

- Don't damage the fuel lines at the rear of the fuel tank.
- Don't turn the handlebars when the front of the tank is elevated; the tank could be damaged.

5. Remove both Phillips screws from the air cleaner cover, then remove the cover and the element. Now, go to step 6, Jet Installation.

FOR SABRE:

1. Remove the seat and both side covers.
2. Turn the fuel valve OFF, then disconnect the fuel line, vacuum line, vent line, and fuel gauge connector. Remove the rear mounting bolt from the fuel tank, then remove the fuel tank.

WARNING Gasoline is extremely flammable and is explosive under certain conditions. Do not smoke or allow flames in the area.

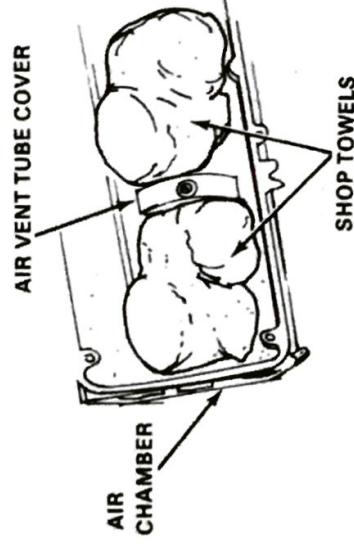
3. Remove the mounting bolts (4) and mounting clips (4) from both ignition coils.

NOTE:

- This will allow the coils to be moved for access to the air chamber.
 - The front mounting bolt for the right ignition coil also secures a ground wire terminal and flat washer.
4. Remove the left air cleaner cover screw caps, screws, cover, element, and case.
 5. Remove the air chamber cover screws (6) and the water pipe screw, which is threaded into the right side of the air chamber cover. Remove the cover by sliding it out towards the left. Now, go to step 6, Jet Installation.

JET INSTALLATION (For Magna and Sabre)

6. Place clean shop towels over the carburetor air funnels to prevent any parts from falling into the carburetors.



ROUTING:

COPY 1

COPY 2

☐ GENERAL MANAGER

☐ SERVICE MANAGER

☐ SALES DEPT.

☐ MECHANICS

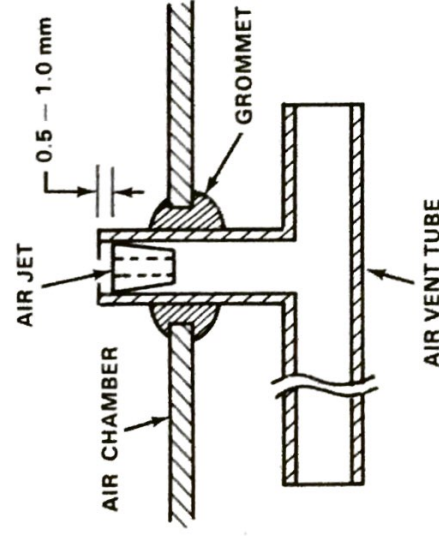
☐ OFFICE FILE

☐ SHOP MANUAL

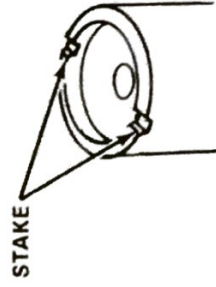
7. Remove the Phillips screw that secures the air vent tube cover, then remove the cover.

8. Press one air jet into each air vent tube. The top of the jet should be recessed 0.5-1.0 mm below the top of the tube.

NOTE: The air jets are tapered; the small end goes down.



9. Use a slot-head screwdriver, with a small tip, to stake the top of the air vent tubes in two places.



CAUTION: Tap the screwdriver very lightly; too much force may break the air vent tube.

REASSEMBLY

10. Reinstall the air vent cover, making sure that it is positioned correctly on its alignment dowel.

11. Remove the shop towels from the air chamber, then check that no loose parts have fallen into the chamber.

12. Reassemble the remaining parts in the reverse order of disassembly. On Sabres, pay attention to the following items:

- Install the air chamber cover from the left, making sure that all wires, tubes, and cables are routed above the cover. Some of the cover screws may require a screw starter tool. Don't overtighten the water pipe screw.
- When securing the right ignition coil, be sure that the front mounting bolt goes through the ground wire terminal and flat washer.
- Make sure that the fuel valve vent line is routed through the guide that is molded onto the back of the left air cleaner case.

PARTS REQUIRED

Air Jet (2 for each motorcycle)
H/C 135749 P/N 16171-MB0-6710-M1

WARRANTY INFORMATION

The normal warranty (6-months, unlimited mileage) applies. Anything beyond this must be authorized by your District Service Manager. Submit Warranty Claim form W02 with a time of 0.5 hours, as shown.

ALL PARTS ARE NEW UNLESS OTHERWISE NOTED
REPAIR PARTS AND LABOR

A) Driveability Improvement

HONDA CODE	DEF. CODE	T	CODE	LABOR TIME	TOT. PTS
135749	35	2	Φ	0.5	
FOLLOWING PARTS REPLACED DUE TO ABOVE CAUSE					
QTY.	HONDA CODE	DESCRIPTION OF PARTS	DEALER AMOUNT	NET	
2	135749	Air Jet			

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