EMISSION CONTROL INFORMATION

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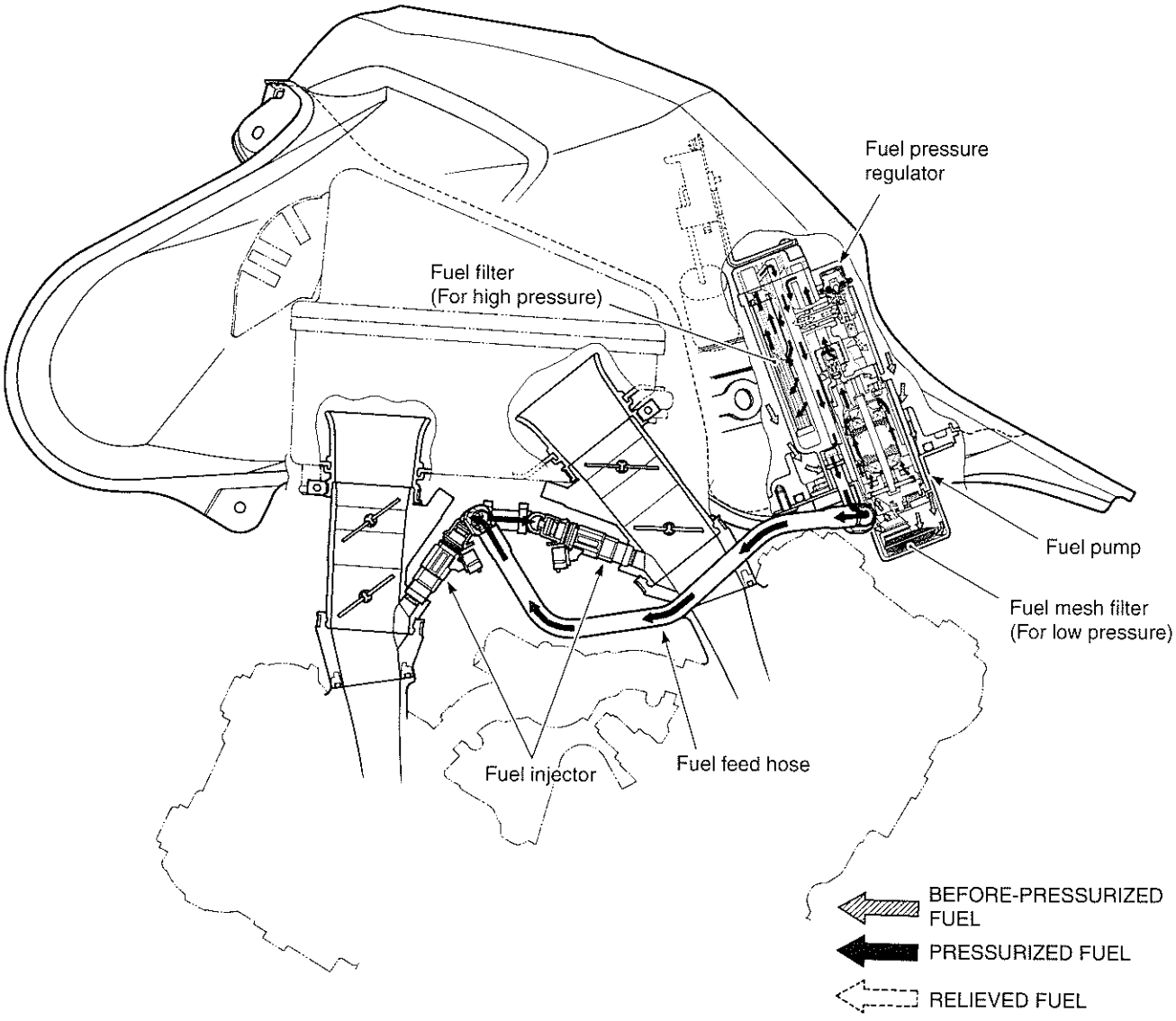
EMISSION CONTROL SYSTEMS

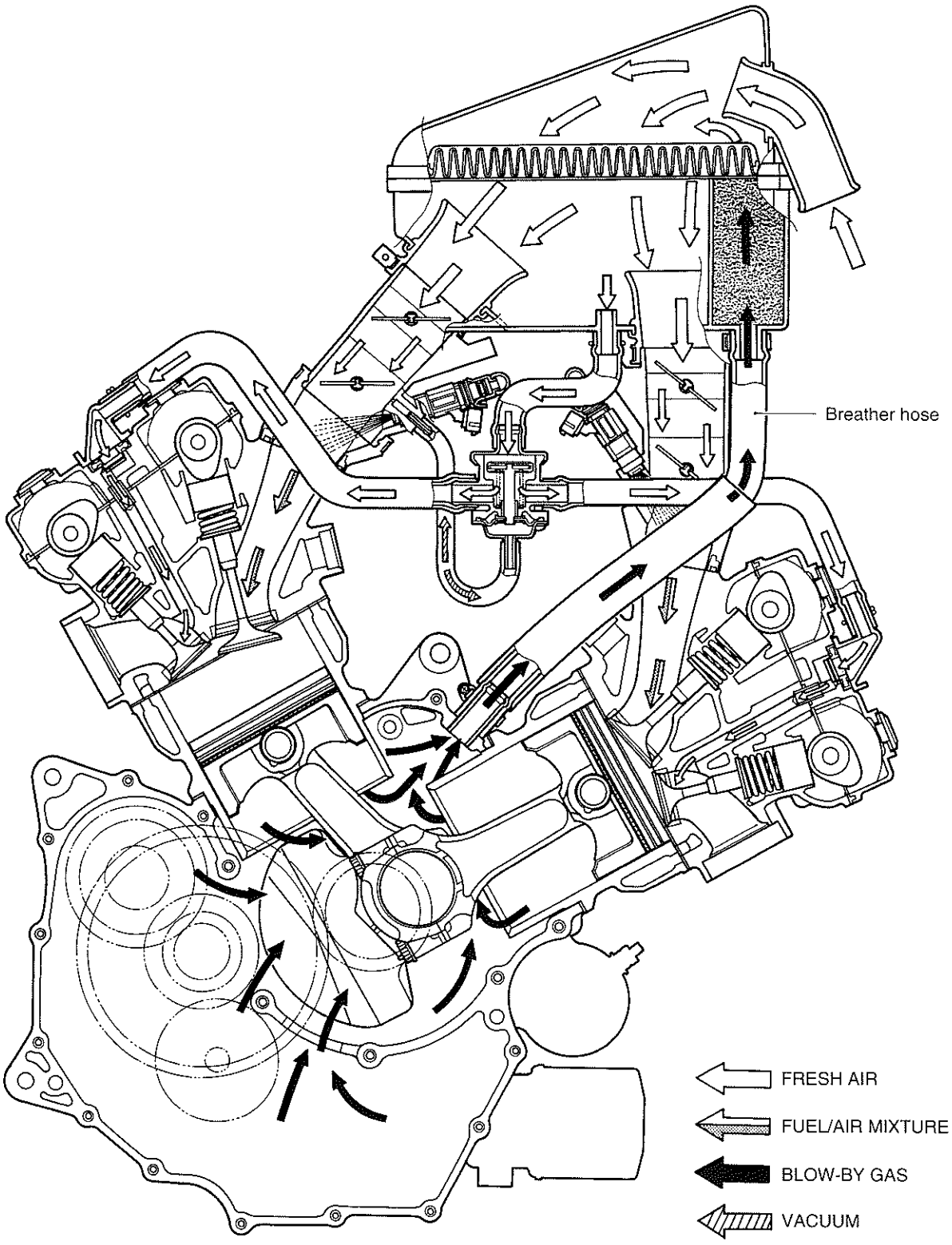
FUEL INJECTION SYSTEM

DL1000 motorcycles are equipped with a fuel injection system for emission level control.
This fuel injection system is precision designed, manufactured and adjusted to comply with the applicable emission limits.



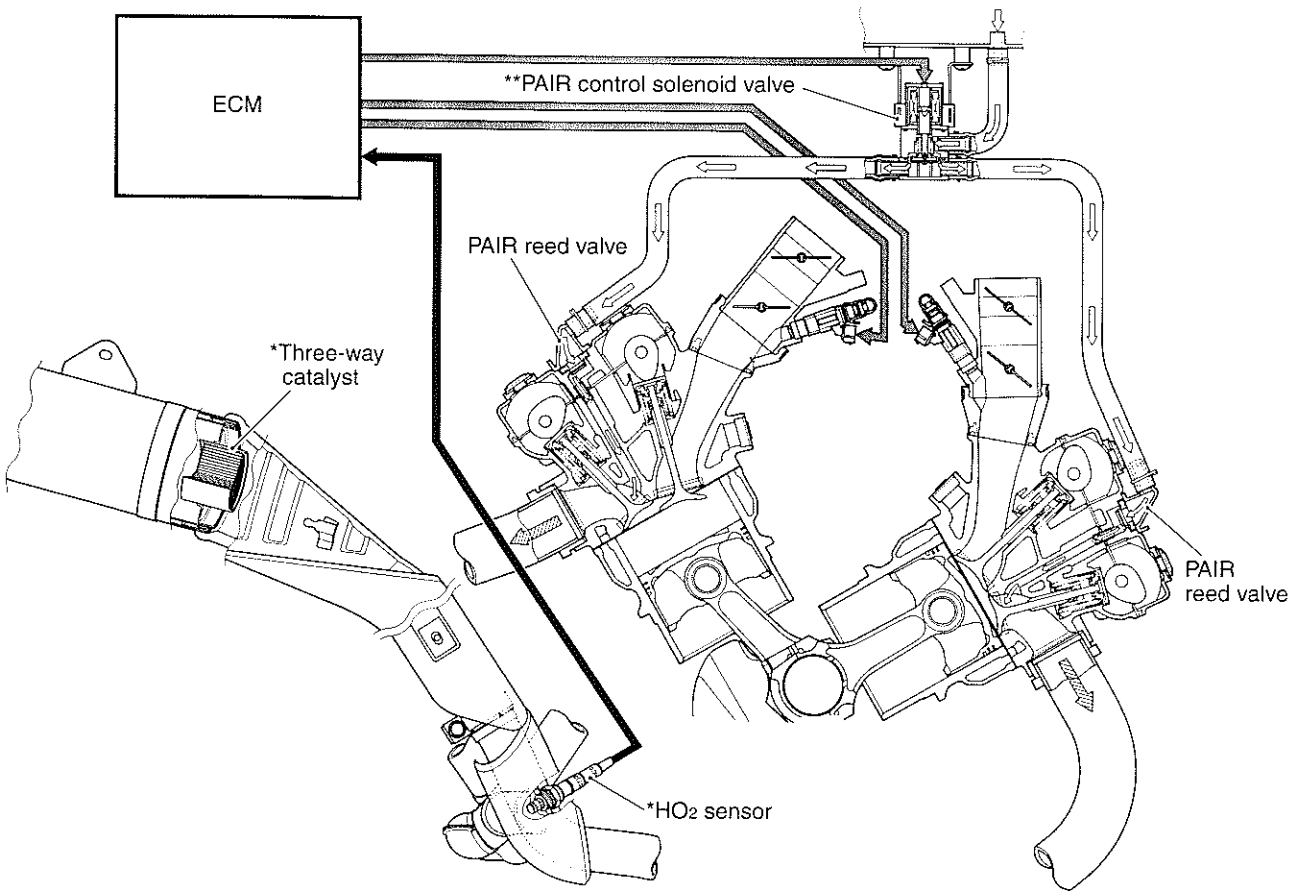
CRANKCASE EMISSION CONTROL SYSTEM

The engine is equipped with a PCV system. Blow-by gas in the engine is constantly drawn into the crankcase, which is returned to the combustion chamber through the breather hose, air cleaner and throttle body.



EXHAUST EMISSION CONTROL SYSTEM (PAIR SYSTEM)

The exhaust emission control system is composed of the PAIR system and *THREE-WAY CATALYST system. The fresh air is drawn into the exhaust port with the **PAIR solenoid valve and PAIR reed valve. The PAIR solenoid valve is operated by the ECM, and the fresh air flow is controlled according to the TPS, ECTS, IATS, IAPS and CKPS.



* Except for USA

** For USA model is operated by the vacuum.

FRESH AIR

EXHAUST GAS

NOISE EMISSION CONTROL SYSTEM

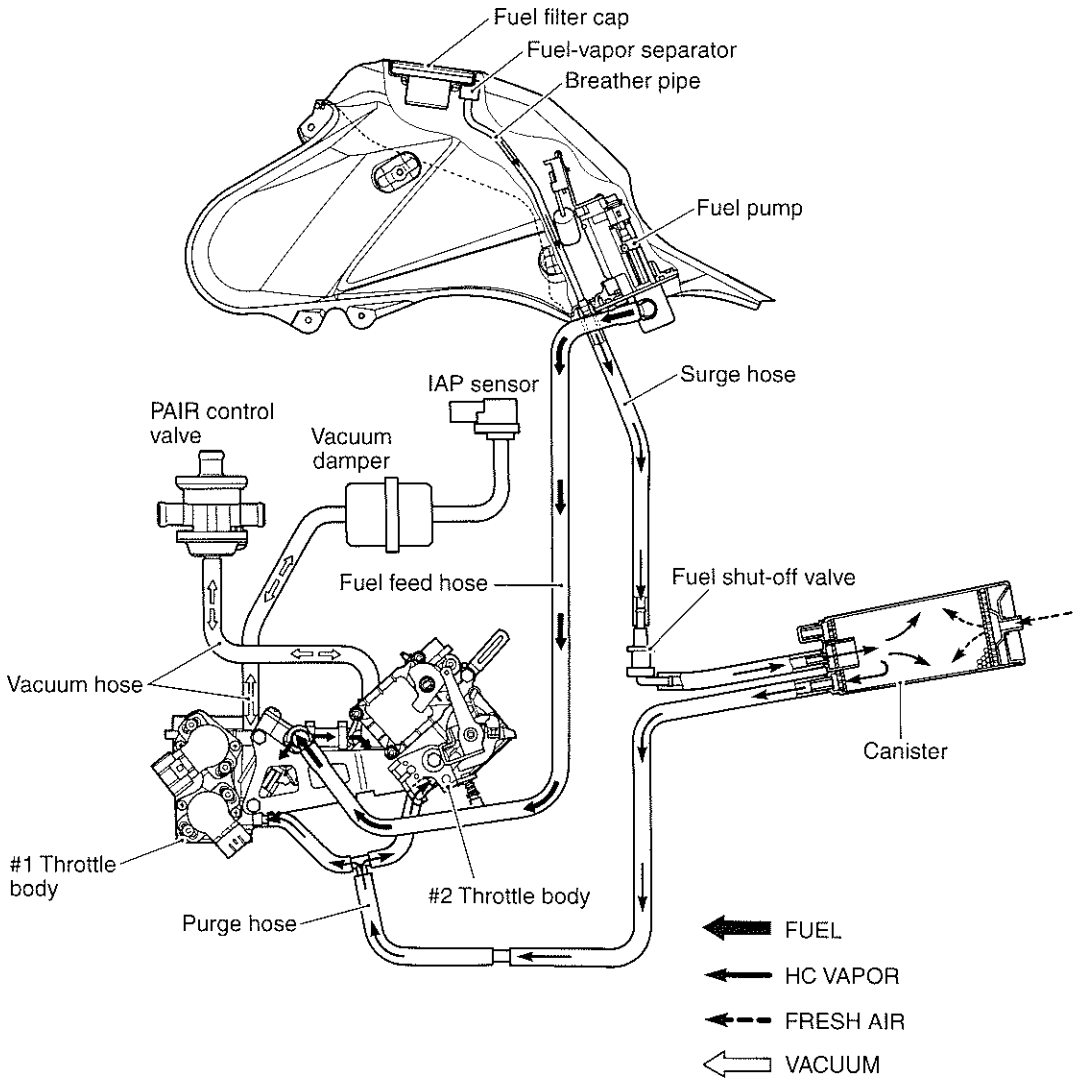
TAMPERING WITH THE NOISE CONTROL SYSTEM PROHIBITED: Federal law prohibits the following acts or the causing thereof:

1. The removal or rendering inoperative by any person, other than for purposes of maintenance, repair or replacement, of any device or element of design incorporated into any new vehicle for the purpose of noise control prior to its sale or delivery to the ultimate purchaser or while it is in use, or
2. The use of the vehicle after such device or element of design has been removed or rendered inoperative by any person.

AMONG THOSE ACTS PRESUMED TO CONSTITUTE TAMPERING ARE THE ACTS LISTED BELOW:

- Removing or puncturing the muffler, baffles, header pipes, screen type spark arrester (if equipped) or any other component which conducts exhaust gases.
- Removing or puncturing the air cleaner case, air cleaner cover, baffles or any other component which conducts intake air.
- Replacing the exhaust system or muffler with a system or muffler not marked with the same model specific code as the code listed on the Motorcycle Noise Emission Control Information label.

EVAPORATIVE EMISSION CONTROL SYSTEM (Only for E-33)



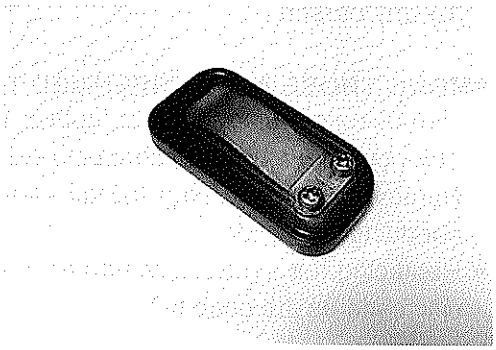
PAIR (AIR SUPPLY) SYSTEM INSPECTION

HOSES

- Inspect the hoses for wear or damage.
- Inspect that the hoses are securely connected.

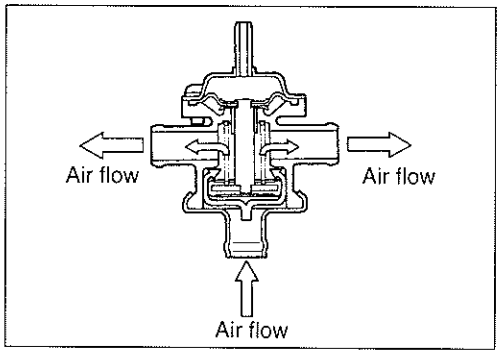
PAIR REED VAVLE

- Remove the PAIR reed valve cover.
- Inspect the reed valve for the carbon deposit.
- If the carbon deposit is found in the reed valve, replace the PAIR reed valve with a new one

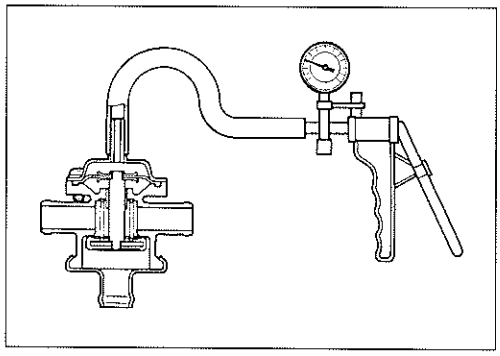


PAIR CONTROL VALVE

- Remove the air cleaner box and PAIR control valve.
- Check that air flows through the PAIR control valve air inlet port to the air outlet ports.
- If air does not flow out, replace the PAIR control valve with a new one.



- Connect the vacuum pump gauge to the vacuum port of the control valve as shown in the illustration.
- Apply negative pressure of the specification slowly to the control valve and inspect the air flow.
- If air does not flow to the pump, the control valve is in normal condition.
- If the control valve does not properly function within the specification, replace the control valve with a new one.



DATA Negative pressure range: –53.3 kPa (–392 mmHg)

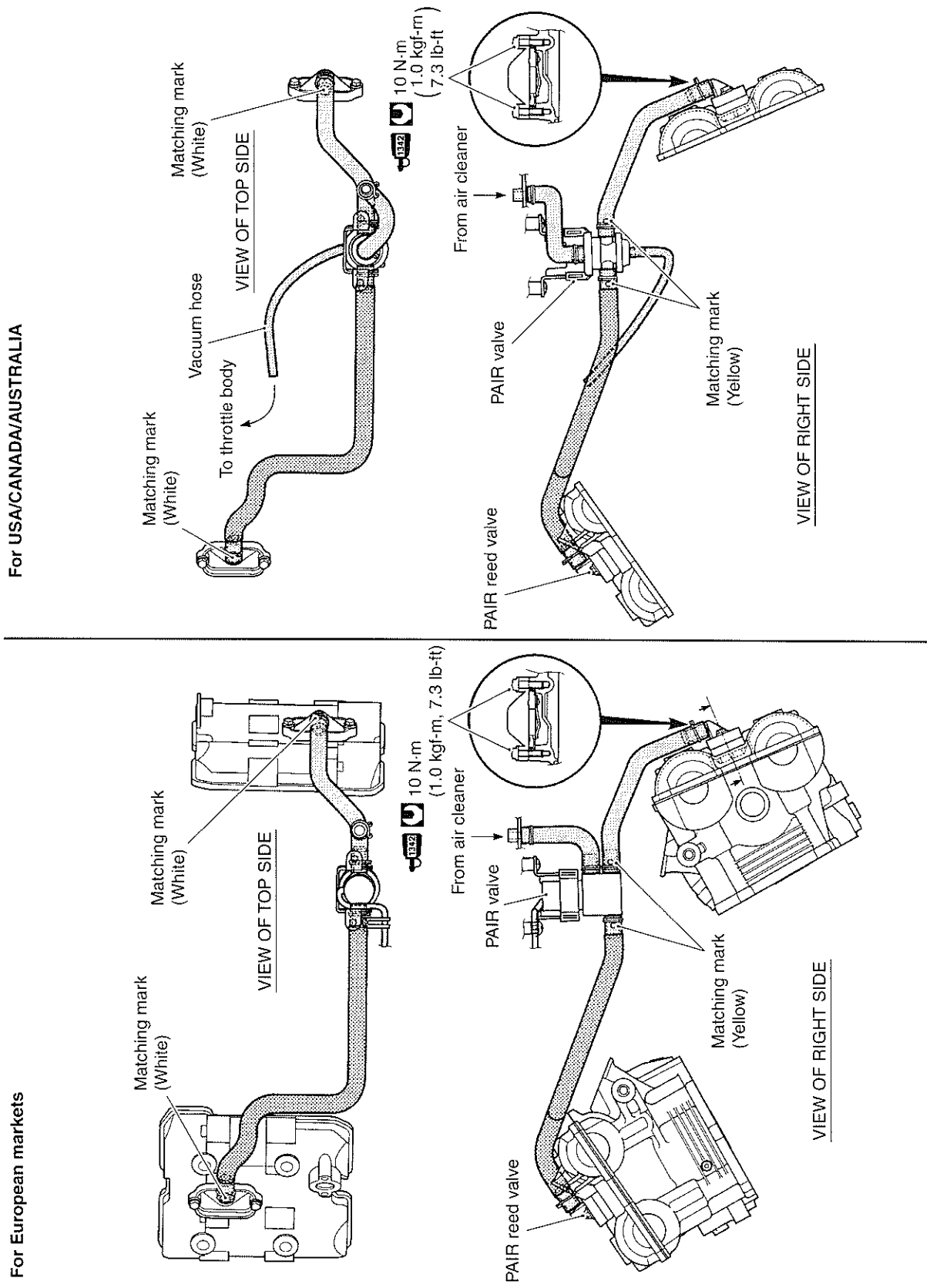
TOOL 09917-47010: Vacuum pump gauge

CAUTION

Use a hand operated vacuum pump to prevent the control valve damage.

- Installation is in the reverse order of removal.

PAIR (AIR SUPPLY) SYSTEM HOSE ROUTING



EVAPORATIVE EMISSION CONTROL SYSTEM INSPECTION (Only for E-33)

- Remove the seat and frame cover.
- Remove the fuel tank. (☞4-56)

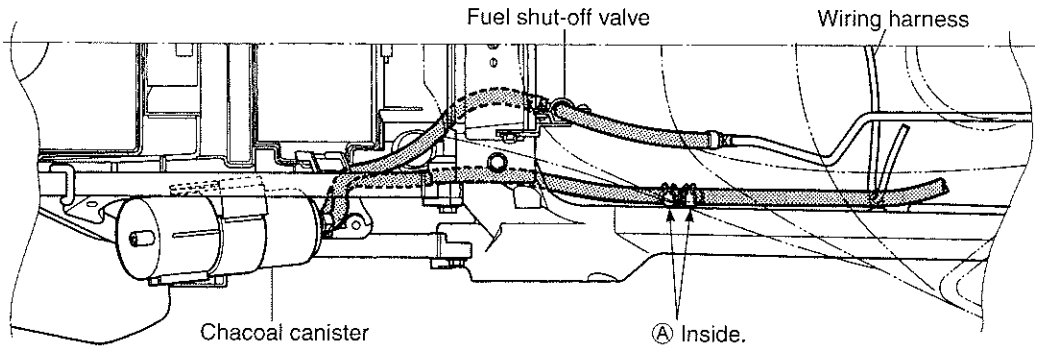
HOSES

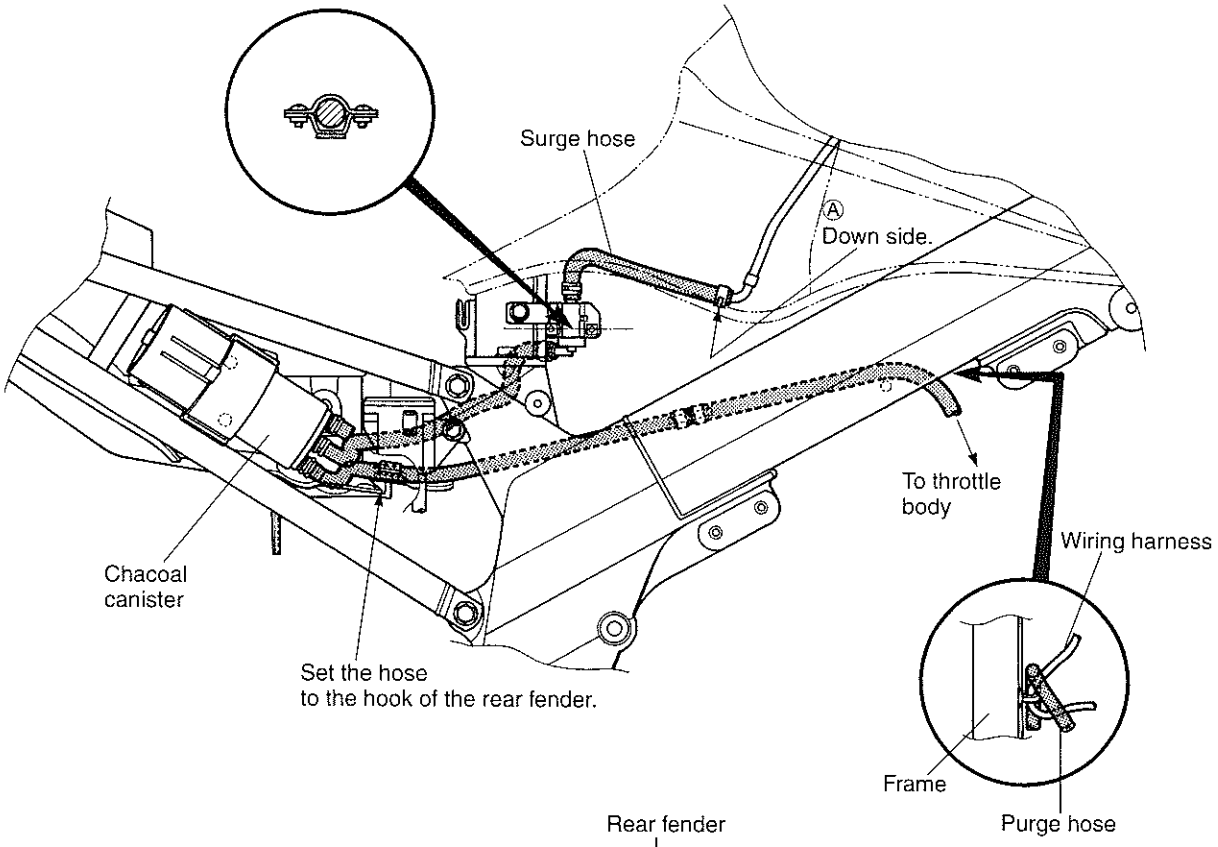
Inspect the hoses for wear or damage.
Make sure that the hoses are securely connected.

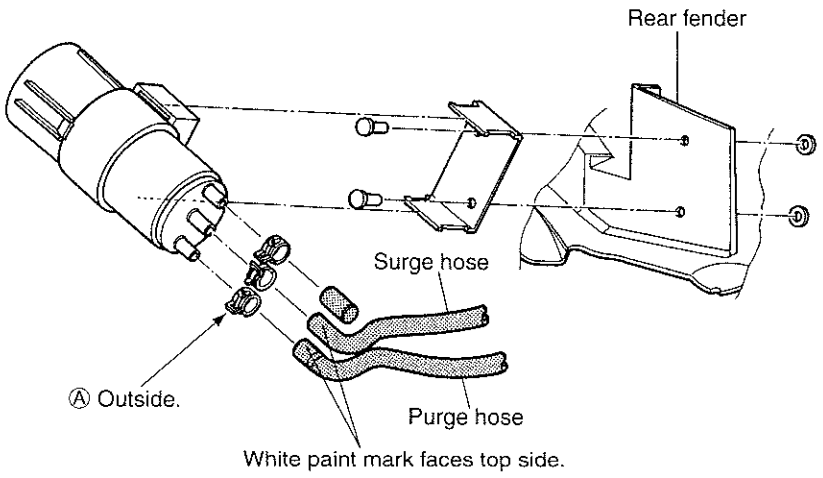
CANISTER

Inspect the canister for damage to the body.

CANISTER HOSE ROUTING (Only for E-33)







Ⓐ Clamp ends should face..... .