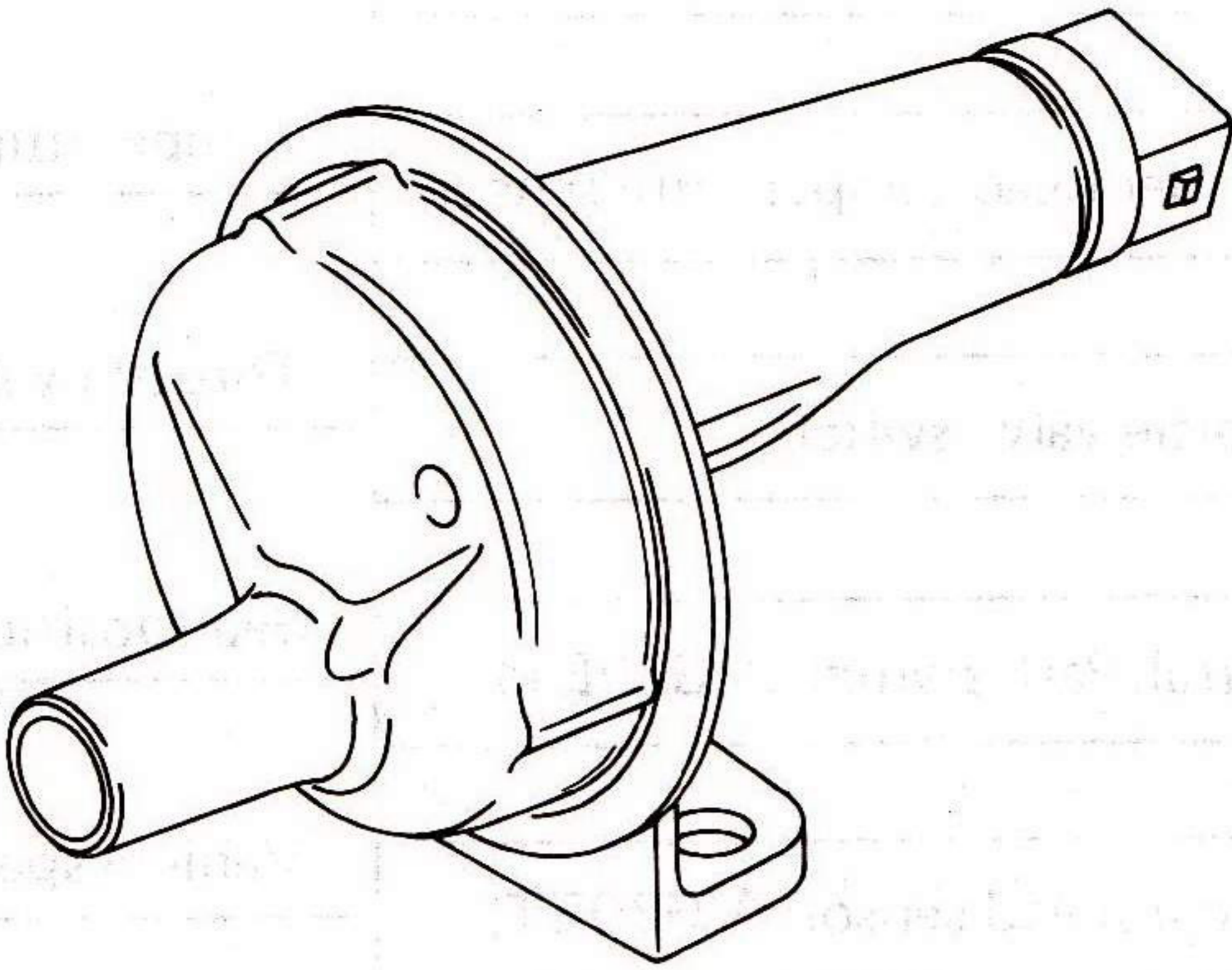


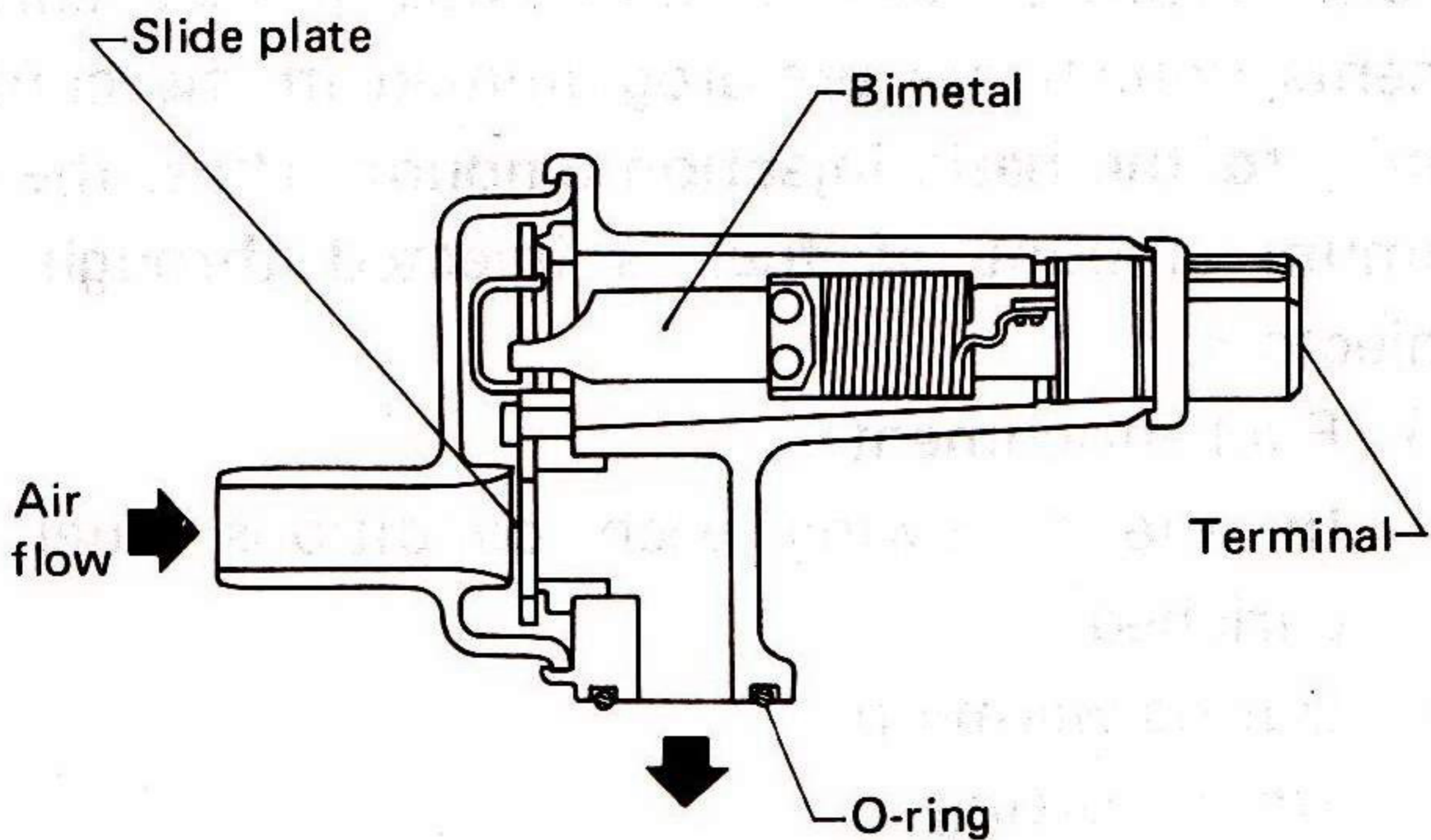
AIR REGULATOR

Air regulator gives an air by-pass when the engine is cold for the purpose of a fast idle during warm-up.



SEF635B

A bimetal, heater and rotary shutter are built into the air regulator. When the bimetal temperature is low, the air by-pass port is open. As the engine starts and electric current flows through a heater, the bimetal begins to rotate the shutter to close off the by-pass port. The air passage remains closed until the engine is stopped and the bimetal temperature drops.

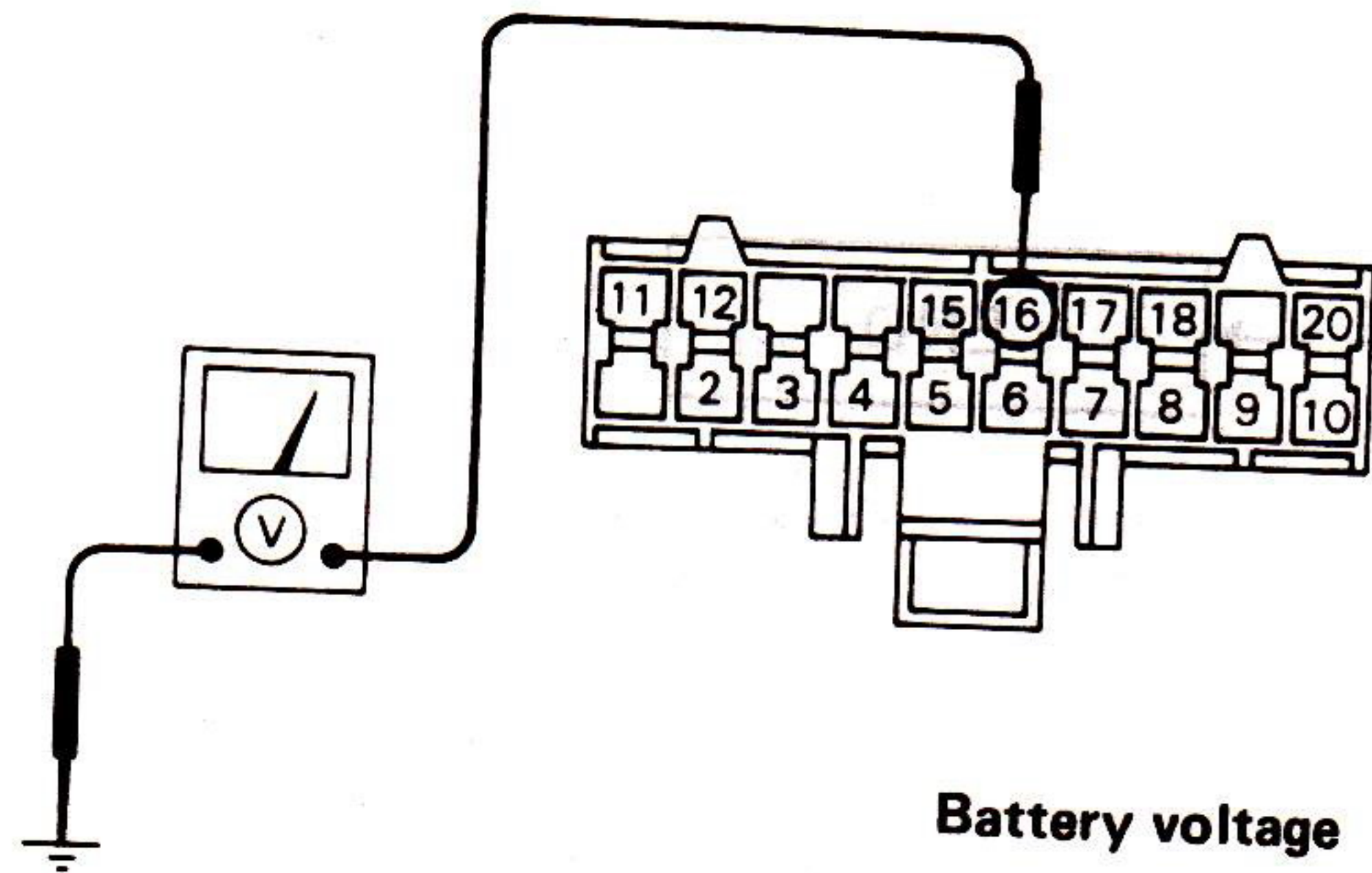


SEF636B

ELECTRONIC CONTROL SYSTEM INSPECTION

① Air regulator

Disconnect E.C.C.S. 20-pin connector, and check voltage between terminal ① and ground when ignition switch is turned to ON.



O.K.

END

N.G.

Check harness.

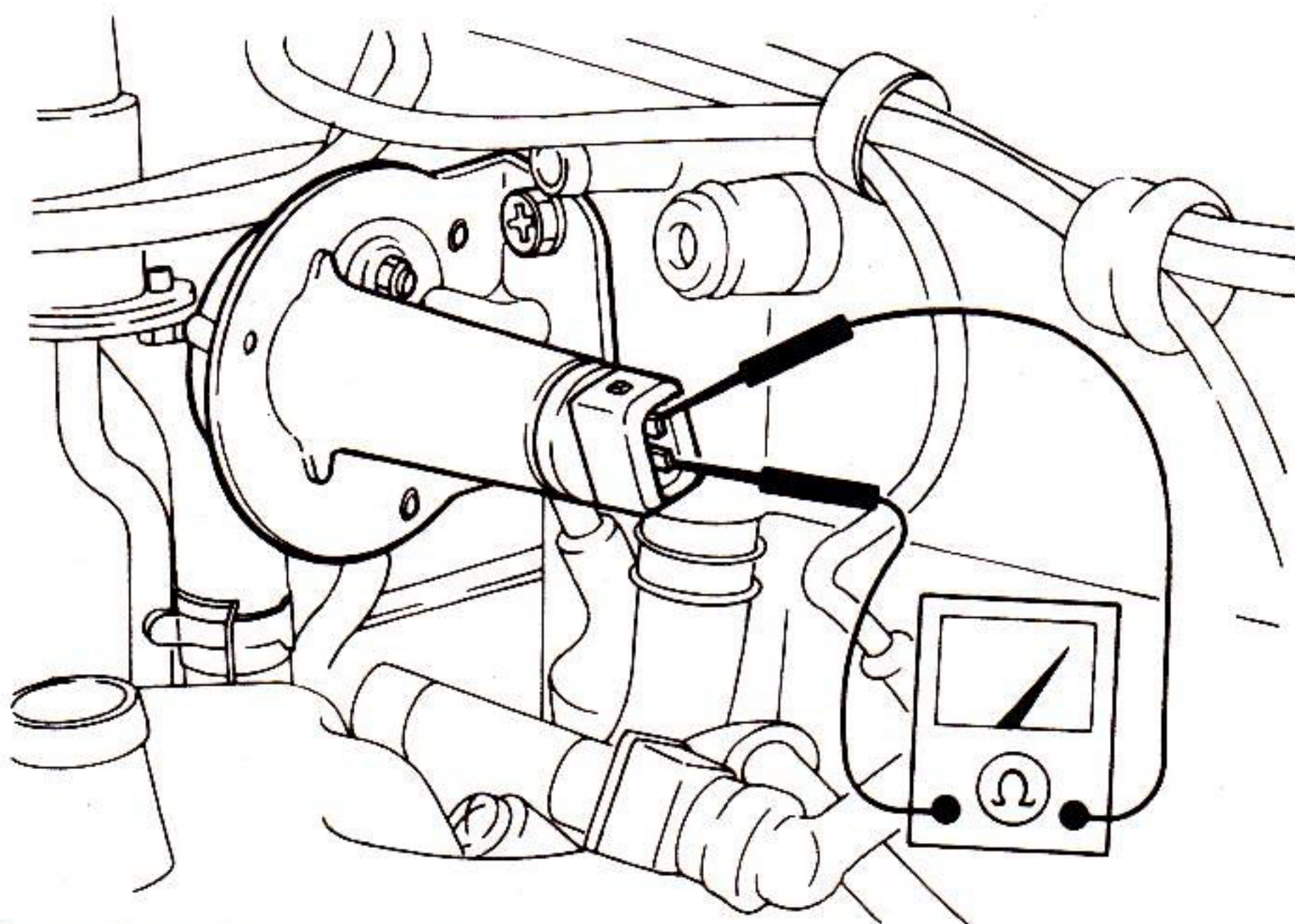
N.G.

Repair harness.

O.K.

Check air regulator.

a. Check continuity.



N.G.

Replace air regulator.

Continuity should exist.

SEF700B

b. Remove air regulator and visually check shutter opening.

- When engine is cold Open
- After warm-up Closed

c. Pry air regulator shutter to open with a screwdriver, and check if shutter opens and closes smoothly.