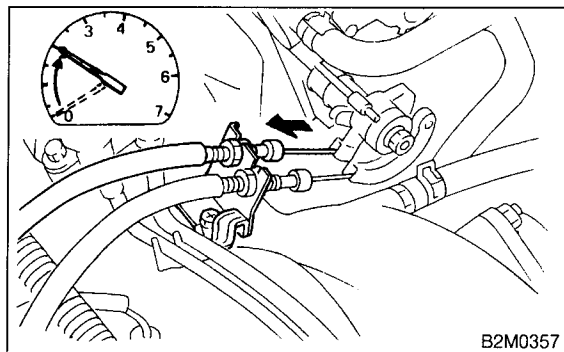


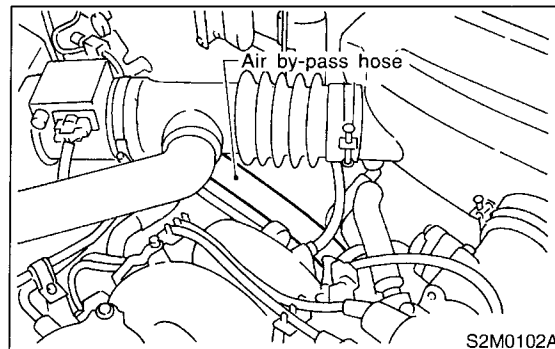
13. Idle Air Control Solenoid Valve

B: CLEANING

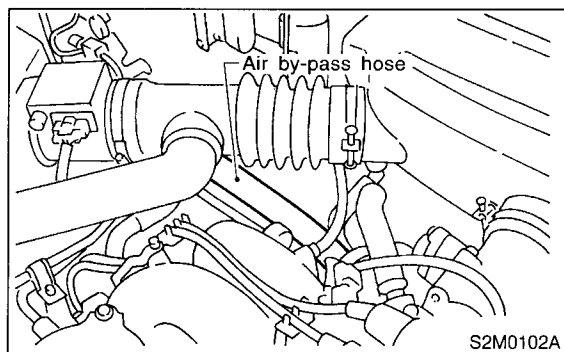
- 1) Start and warm-up the engine until radiator fan operates.
- 2) Hold throttle valve so that engine speed is at 2,000 rpm.



- 6) Stop the engine.
- 7) Release the throttle valve.
- 8) Connect air by-pass hose to air intake duct.



- 3) Disconnect air by-pass hose from air intake duct.



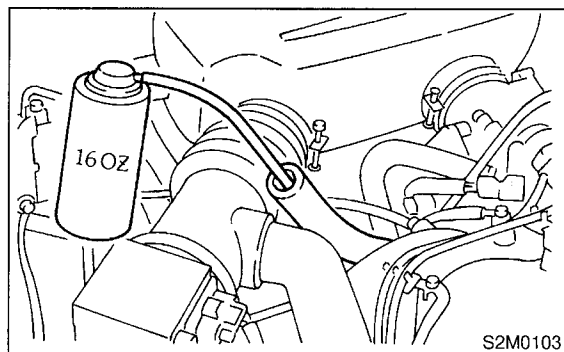
- 4) Slowly pour one can (16 oz) of cleaner into by-pass air hole.

Cleaner:

Part No. 1050002 GM Top Engine Cleaner

Part No. X66-A AC Delco Carburetor

Tune-up Conditioner



- 5) Leave the engine running for five minutes.

NOTE:

White smoke comes out of the muffler until the cleaner is used up.

13. Idle Air Control Solenoid Valve

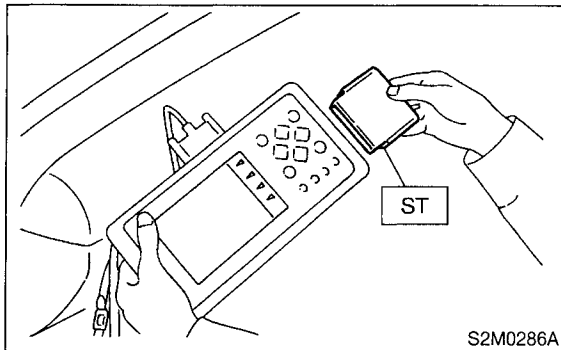
9) Check duty ratio of idle air control solenoid valve using SUBARU SELECT MONITOR.

NOTE:

For detailed operation procedures, refer to the SUBARU SELECT MONITOR OPERATION MANUAL.

- (1) Insert the cartridge to SUBARU SELECT MONITOR.

ST 24082AA030 CARTRIDGE



- (2) Connect SUBARU SELECT MONITOR to the data link connector.

- (3) Turn ignition switch to ON, and SUBARU SELECT MONITOR switch to ON.

- (4) Select {2. Each System Check} in Main Menu.

- (5) Select {EGI/EMPI} in Selection Menu.

- (6) Select {1. Current Data Display & Save} in EGI/EMPI Diagnosis.

- (7) Select {1.12 Data Display} in Data Display Menu.

- (8) Adjust throttle position sensor to the following specification.

ISC valve duty ratio: 25 — 40%

