

3. Idle Speed

A: INSPECTION

- 1) Before checking the idle speed, check the following item:
 - (1) Check the air cleaner element is free from clogging, ignition timing is correct, spark plugs are in good condition, and hoses are connected properly.
 - (2) Check the malfunction indicator light does not illuminate.
- 2) Idle the engine.
- 3) Stop the engine, and turn the ignition switch to OFF.
- 4) Insert the cartridge to Subaru Select Monitor.
- 5) Connect the Subaru Select Monitor to data link connector.
- 6) Turn the ignition switch to ON and Subaru Select Monitor switch to ON.
- 7) Select {Each System Check} in Main Menu.
- 8) Select {Engine} in Selection Menu.
- 9) Select {Current Data Display & Save} in Engine Control System Diagnosis.
- 10) Select {Data Display} in Data Display Menu.
- 11) Start the engine, and read the engine idle speed.
- 12) Check the idle speed when no-loaded. (Headlight, heater fan, rear defroster, radiator fan, A/C and etc. are OFF)

Idle speed [No load and gears in neutral]:

650±50 rpm

- 13) Check the idle speed when loaded. (Turn the A/C switch to "ON" and operate the compressor for at least one minute before measurement.)

Idle speed [A/C ON and gears in neutral]:

770±50 rpm

NOTE:

Idle speed cannot be adjusted manually, because the idle speed is automatically adjusted. If the prescribed idle speed cannot be maintained, refer to General On-board Diagnosis Table under "Engine Control System". <Ref. to EN(H6DO)(diag)-2, Basic Diagnostic Procedure.>