

4. Ignition Timing

A: INSPECTION

- 1) Before checking the ignition timing speed, check the following:
 - (1) Ensure the air cleaner element is free from clogging, spark plugs are in good condition, and that hoses are connected properly.
 - (2) Ensure the malfunction indicator light (CHECK ENGINE light) does not illuminate.
- 2) Warm-up the engine.
- 3) Stop the engine, and turn the ignition switch to OFF.
- 4) Insert the cartridge to the SUBARU SELECT MONITOR.
- 5) Connect the SUBARU SELECT MONITOR to the data link connector.
- 6) Turn the ignition switch to ON, and SUBARU SELECT MONITOR switch to ON.
- 7) Select {2. Each System Check} in Main Menu.
- 8) Select {Engine Control System} in Selection Menu.
- 9) Select {1. Current Data Display & Save} in Engine Control System Diagnosis.
- 10) Select {1.12 Data Display} in Data Display Menu.
- 11) Start the engine, at idle speed and check the ignition timing.

Ignition timing [BTDC/rpm]:

12°±3°/750

If the timing is not correct, check the ignition control system. Refer to Engine Control System. <Ref. to EN(H4DOTC)-2, Basic Diagnostic Procedure.>