

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.>