

4. Ignition Timing

A: INSPECTION

CAUTION:

After warming-up, engine becomes very hot. Be careful not to burn yourself at measurement.

1) Before checking the ignition timing, check the following item:

(1) Check the air cleaner element is free from clogging, 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 check the ignition timing at idle speed.

Ignition timing [BTDC/rpm]:

15°±8°/650

If the timing is not correct, check the ignition control system. Refer to Engine Control System. <Ref. to EN(H6DO)(diag)-2, Basic Diagnostic Procedure.>