

4. Ignition Timing

A: INSPECTION

1) Before checking ignition timing, check the following:

(1) Ensure that air cleaner element is free from clogging, spark plugs are in good condition, and that hoses are connected properly.

(2) Ensure that malfunction indicator light (CHECK ENGINE light) does not illuminate.

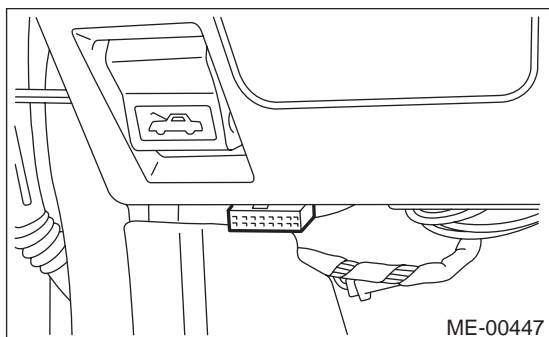
2) Warm-up the engine.

3) Stop the engine, and turn ignition switch to OFF.

4) When using SUBARU SELECT MONITOR <Ref. to ME(H6DO)-14, SPECIAL TOOLS, PREPARATION TOOL, General Description.>

(1) Insert the cartridge to SUBARU SELECT MONITOR.

(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 {Engine Control System} in Selection Menu.

(6) Select {1. Current Data Display & Save} in Engine Control System Diagnosis.

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

(8) Start engine at idle speed and check the ignition timing.

Ignition timing [BTDC/rpm]:

$10^{\circ} \pm 8^{\circ} / 600$

If the timing is not correct, check the ignition control system.

Refer to EN(H6) Engine Control System. <Ref. to EN(H6DO)-2, Basic Diagnostic Procedure.>