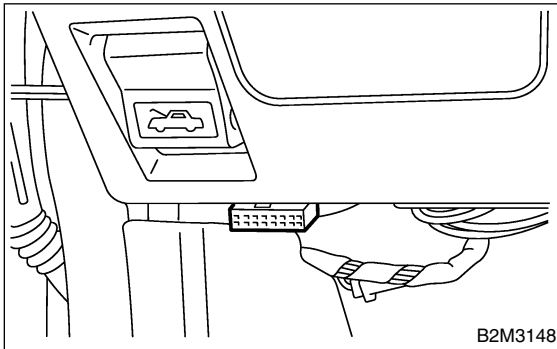


4. Ignition Timing S143086

A: INSPECTION S143086A10

- 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(H6)-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(H6)-2, Basic Diagnostic Procedure.>