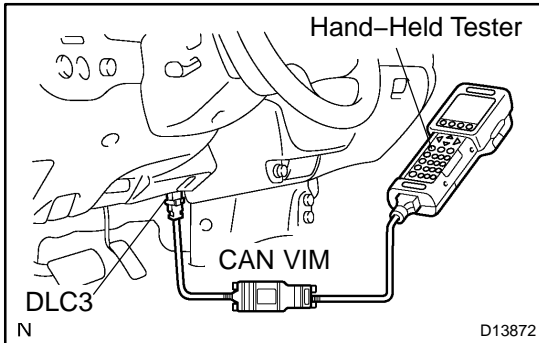


IGNITION TIMING INSPECTION

EM1XH-01

1. WARM UP ENGINE

Allow the engine to warm up to normal operating temperature.

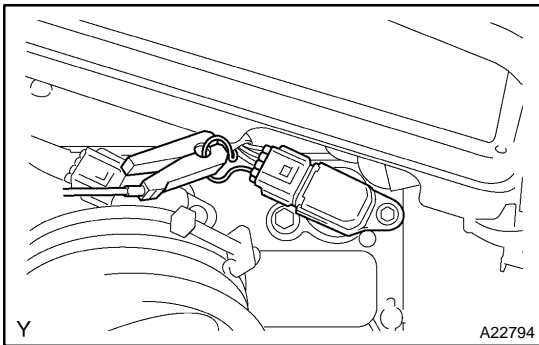


2. INSPECT IGNITION TIMING

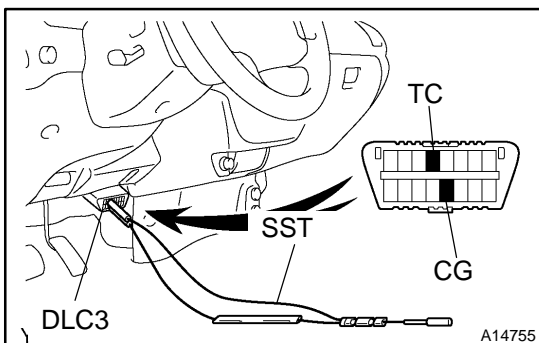
- (a) When using a hand-held tester or OBD II scan tool.
- (1) Connect a hand-held tester to the Controller Area Network Vehicle Interface Module (CAN VIM). Then connect the CAN VIM to the Data Link Connector 3 (DLC3).
 - (2) Please refer to the hand-held tester operator's manual for further details.

**Ignition timing: 7 to 24° BTDC at idle
(Transmission in neutral)**

- (3) Disconnect the hand-held tester or OBD II scan tool from the DLC3.

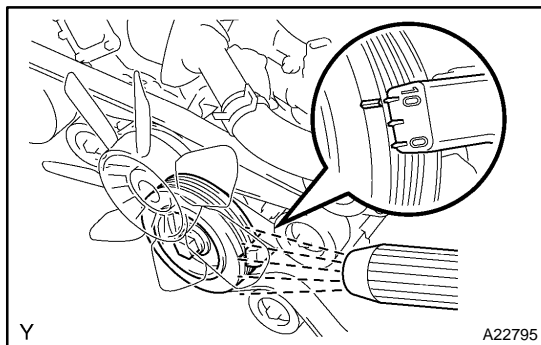


- (b) When not using a hand-held tester or OBD II scan tool.
- (1) Remove the air cleaner cap.
 - (2) Connect the tester probe of a timing light to the wire of the ignition coil connector for the No. 1 cylinder.



- (3) Using SST, connect terminals TC and CG of the DLC3.

SST 09843-18040



- (4) Using the timing light, check the ignition timing.
Ignition timing: 8 to 12° BTDC at idle
(Transmission in neutral position)
- (5) Remove the SST from the DLC3.
- (6) Check the ignition timing.
Ignition timing: 7 to 24° BTDC at idle
(Transmission in neutral position)
- (7) Disconnect the timing light from the engine.
- (8) Install the air cleaner cap.