

R.M. 1999::Engine Mechanical (2RZ-FE, 3RZ-FE): Ignition Timing: Inspection (Tacoma)

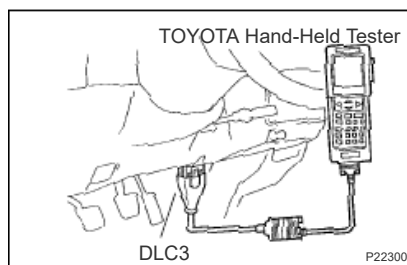
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IGNITION TIMING INSPECTION

EM02L-01

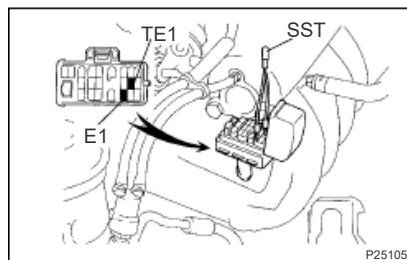
1. WARM UP ENGINE

Allow the engine to warm up to normal operating temperature.



2. CONNECT TOYOTA HAND-HELD TESTER OR OBDII SCAN TOOL

- Connect the TOYOTA hand-held tester or OBDII scan tool to the DLC3.
- Please refer to the TOYOTA hand-held tester or OBDII scan tool operators manual for further details.



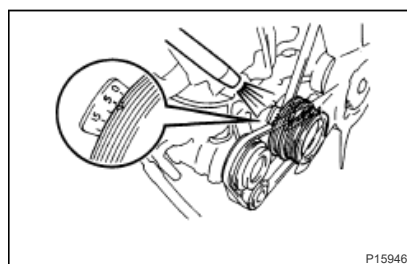
3. CHECK IGNITION TIMING

- Using SST, connect terminals TE1 and E1 of the DLC1.

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HINT:

After engine speed is kept at about 1,000 rpm for 5 seconds, check that it returns to idle speed.



- Using a timing light, connect the test probe to the No.1 high-tension cord.
- Check ignition timing.

Ignition timing:

3 - 7° BTDC @ idle

- Remove the SST from the DLC1.

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4. FURTHER CHECK IGNITION TIMING

Ignition timing:

4 - 17° BTDC @ idle

HINT:

The timing mark moves in a range between 4° and 17°.

5. DISCONNECT TOYOTA HAND-HELD TESTER OR OBDII SCAN TOOL AND TIMING LIGHT

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