

INSPECTION PROCEDURE

HINT:

This chart assumes that the engine is cranked normally. If the engine is not cranked, proceed to the problem symptoms table on [page 05-443](#).

1 READ VALUE OF INTELLIGENT TESTER (STA SIGNAL)

- (a) Connect the intelligent tester to the DLC3.
- (b) Turn the ignition switch to ON and turn the intelligent tester ON.
- (c) Select the following menu items: Powertrain / Engine and ECT / Data List / Starter SIG.
- (d) Read the value.

Standard:

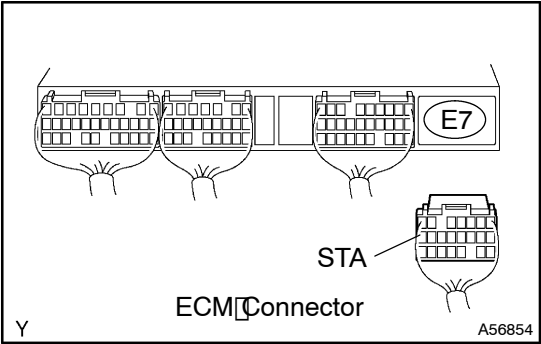
Ignition Switch Position	ON	START
STARTER SIG	OFF	ON

OK

PROCEED TO NEXT CIRCUIT INSPECTION
SHOWN PROBLEM SYMPTOMS TABLE
(See [page 05-443](#))

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2 CHECK HARNESS AND CONNECTOR (ECM - IGNITION SWITCH)



- (a) Disconnect the E7 ECM connector.
- (b) Disconnect the I14 ignition switch connector.
- (c) Check the resistance.

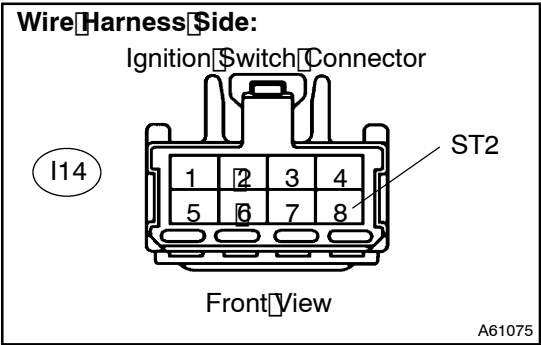
Standard (Check for open):

Tester Connection	Specified Condition
STA (E7-15) - ST2 (I14-8)	Below 1 Ω

Standard (Check for short):

Tester Connection	Specified Condition
STA (E7-15) or ST2 (I14-8) - Body Ground	10 kΩ or higher

- (d) Reconnect the ECM connector.
- (e) Reconnect the ignition switch connector.



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REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE ECM (See [page 10-30](#))