

When the brake pedal is operated, this switch sends a signal to ECM. Then the ECM cancels operation of the lock-up clutch while braking is in progress.

[illegible]

INSPECTION PROCEDURE

1 Check operation of stop light.

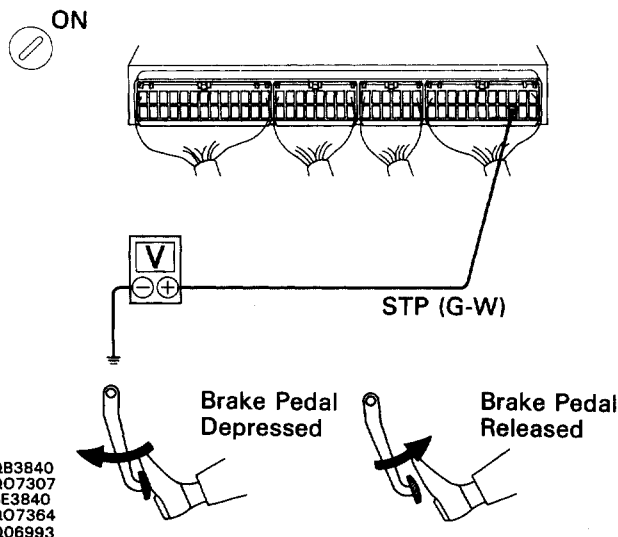
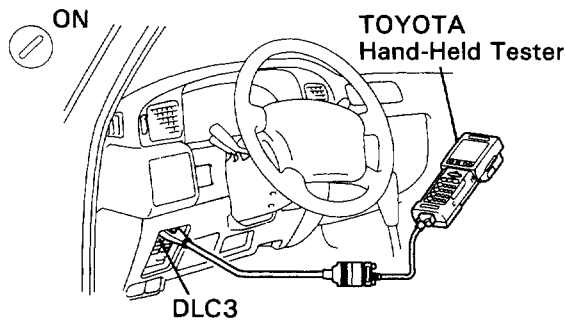
- C** Check if the stop lights go on and off normally when the brake pedal is operated and released.

OK

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Check and repair stop light circuit.

2 Check STP signal.



- P** 1. Connect the OBD II scan tool or TOYOTA hand-held tester to the DLC3 (OBD II connector).
2. Turn ignition switch ON and TOYOTA hand-held tester main switch ON.

- C** Read the STP signal on the TOYOTA hand-held tester.

OK **Brake pedal is depressed: STP ON**
Brake pedal is released: STP OFF

- P** Turn ignition switch ON

- C** Check voltage between terminal STP of ECM and body ground.

OK

Brake pedal	Voltage
Depressed	7.5 ~ 14 V
Released	Below 1.5 V

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OK

Proceed to next circuit inspection shown on matrix chart (See page [AT-64](#)).

3 Check harness and connector between ECM and stop light switch (See page [IN-26](#)).

OK

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Repair or replace harness or connector.

Check and replace ECM