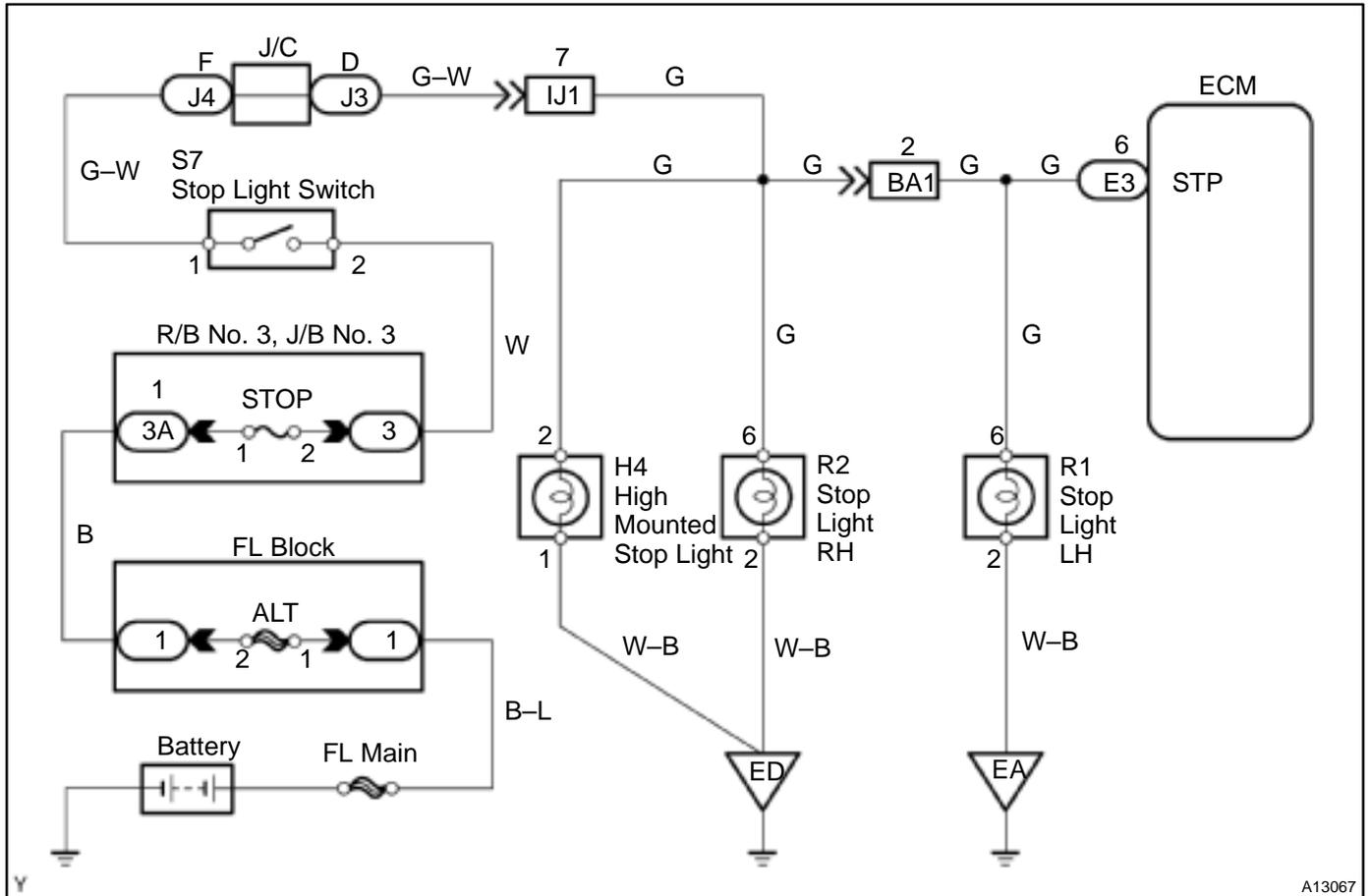


Stop Light Switch Signal Circuit

CIRCUIT DESCRIPTION

The purpose of this circuit is to prevent the engine from stalling, when brakes are suddenly applied. When the brake pedal is depressed, this switch sends a signal to the ECM.

WIRING DIAGRAM



INSPECTION PROCEDURE

1	Check operation of stop light.
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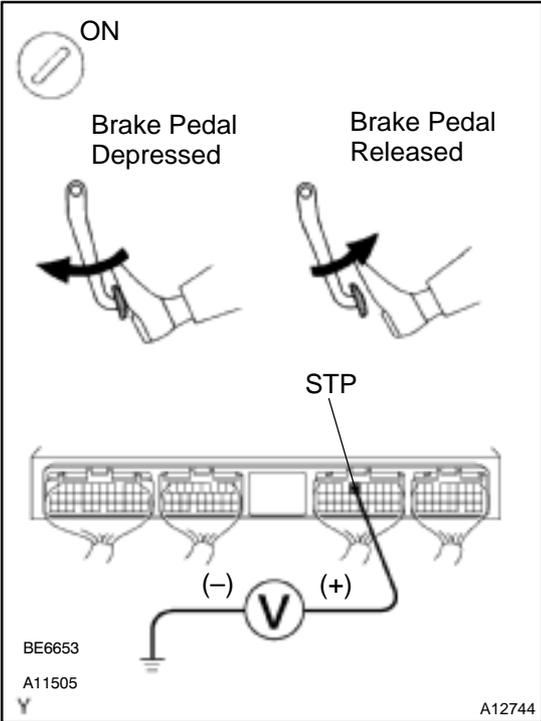
CHECK:

Check if the stop lights go on and off normally when the brake pedal is depressed and released.

NG
Check and repair stop light circuit.

OK

2 Check STP signal.



When using TOYOTA hand-held tester:

PREPARATION:

- (a) Connect the TOYOTA hand-held tester to the DLC3.
- (b) Turn the ignition switch ON and push the TOYOTA hand-held tester main switch ON.

CHECK:

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

OK:

Brake Pedal	STP Signal
Depressed	ON
Released	OFF

When not using TOYOTA hand-held tester:

PREPARATION:

- (a) Disconnect the ECM with connector from body panel (See page SF-62).
- (b) Turn the ignition switch ON.

CHECK:

Measure the voltage between terminal STP of the ECM connector and body ground.

OK:

Brake Pedal	Voltage
Depressed	9.0 - 14 V
Released	Below 1.5 V

OK → Check for intermittent problems (See page DI-3).

NG

3 Check harness and connector between ECM and stop light switch (See page IN-18).

NG → Repair or replace harness or connector.

OK

Check and replace ECM (See page IN-18).