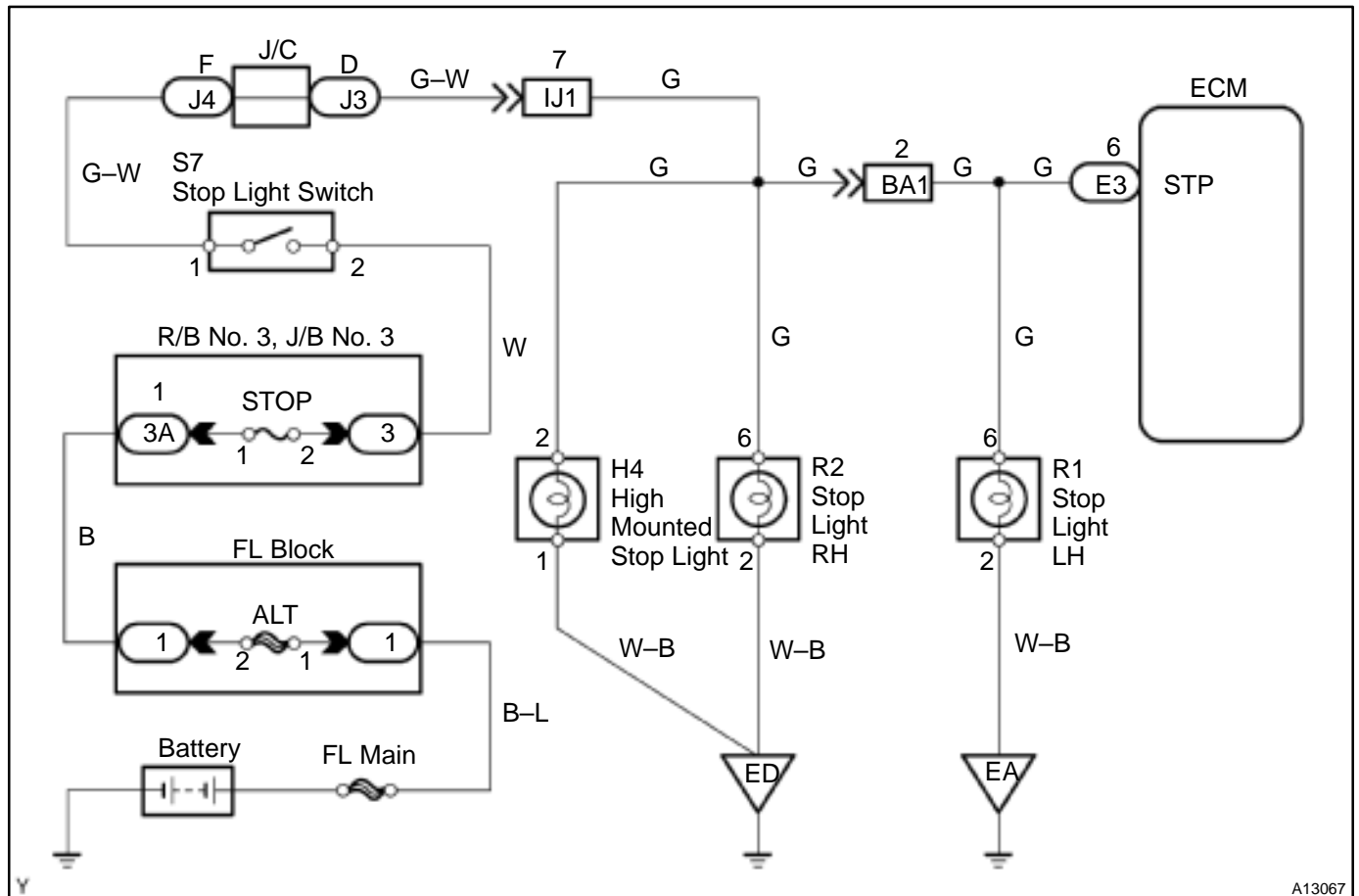


## Stop Light Switch Signal Circuit

### 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.

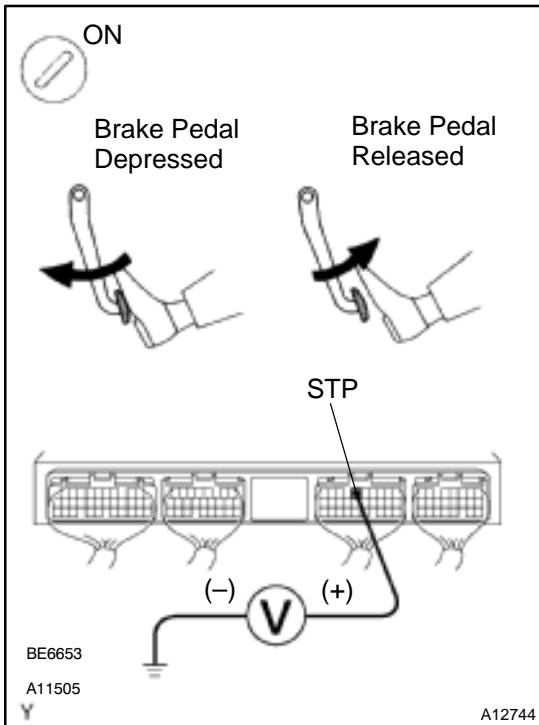
#### CHECK:

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:**

- Connect the TOYOTA hand-held tester to the DLC3.
- 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:**

- Disconnect the ECM with connector from body panel (See page [SF-62](#)).
- 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](#)).**