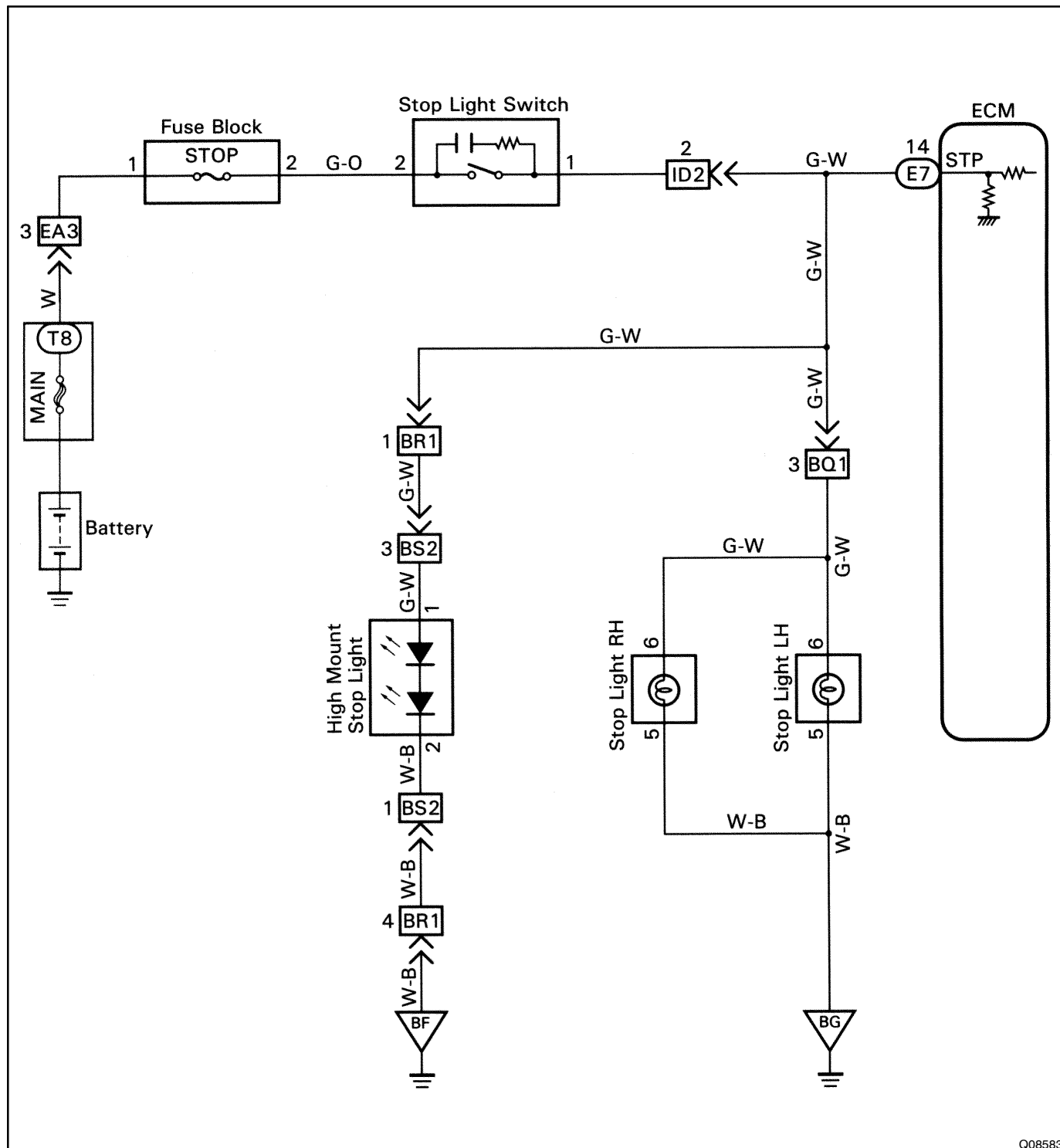


Stop Light Switch Circuit

CIRCUIT DESCRIPTION

The purpose of this circuit is to prevent the engine from stalling, while driving in lock-up condition, when brakes are suddenly applied. When the brake pedal is operated, this switch sends a signal to ECM. Then the ECM cancels the lock-up clutch while braking is in progress.

WIRING DIAGRAM



Q08583

INSPECTION PROCEDURE

1 Check operation of stop light.

CHECK:

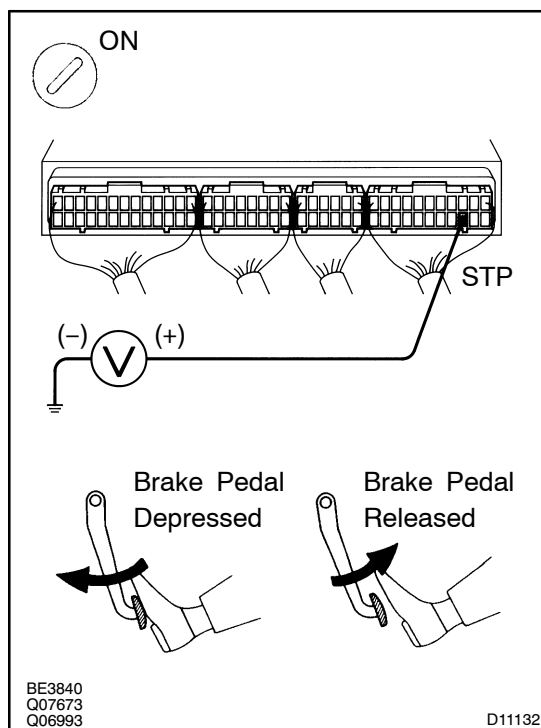
Check if the stop lights go on and off normally when the brake pedal is operated and released.

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Check and repair stop light circuit.

OK

2 Check STP signal.



When using TOYOTA hand-held tester:

PREPARATION:

- Remove the fuse box cover.
- Connect the TOYOTA hand-held tester to the DLC3
- Turn the ignition switch ON and 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:

CHECK:

- Turn the ignition switch ON.
- Check the voltage between STP of the ECM and body ground.

OK:

Brake Pedal	Voltage
Depressed	7.5 – 14 V
Released	Below 1.5 V

OK

Proceed to next circuit inspection shown on problem symptoms table (See page [DI-147](#)).

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3	Check harness and connector between ECM and stop light switch (See page IN-28).
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Repair or replace harness or connector.

OK

Check and replace ECM.