

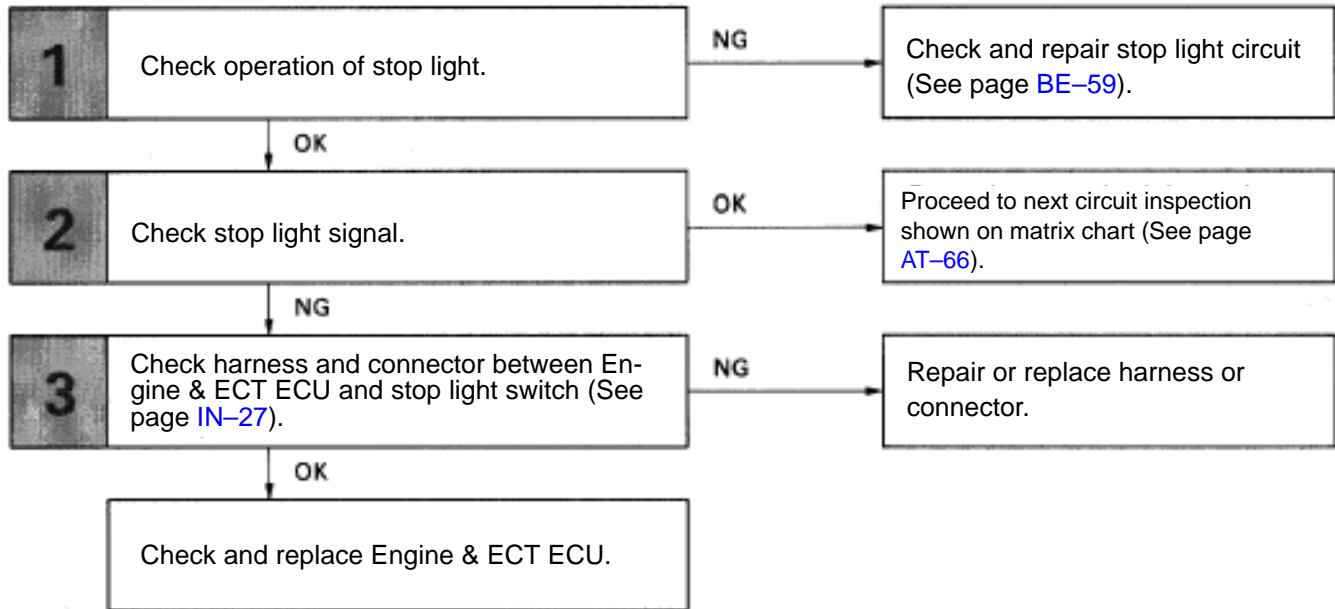
## Stop Light Switch Circuit

### — CIRCUIT DESCRIPTION —

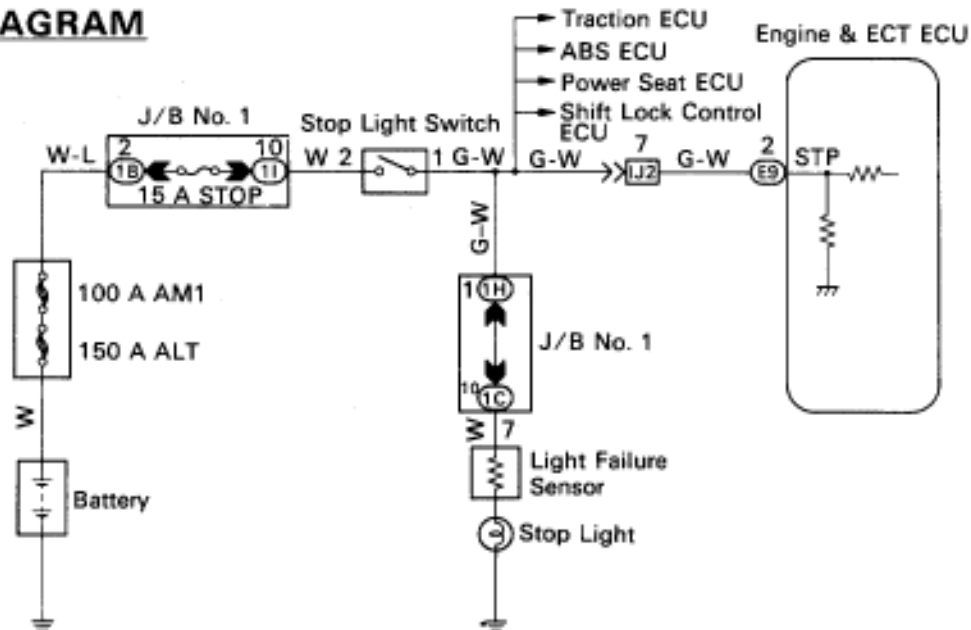
The purpose of this circuit is to prevent the engine from stalling, while driving in lockup condition, when brakes are suddenly applied.

When the brake pedal is operated, this switch sends a signal to Engine & ECT ECU. Then the ECU cancels operation of the lockup clutch while braking is in progress.

### — DIAGNOSTIC CHART —



### WIRING DIAGRAM



## INSPECTION PROCEDURE

### 1 Check operation of stop light.

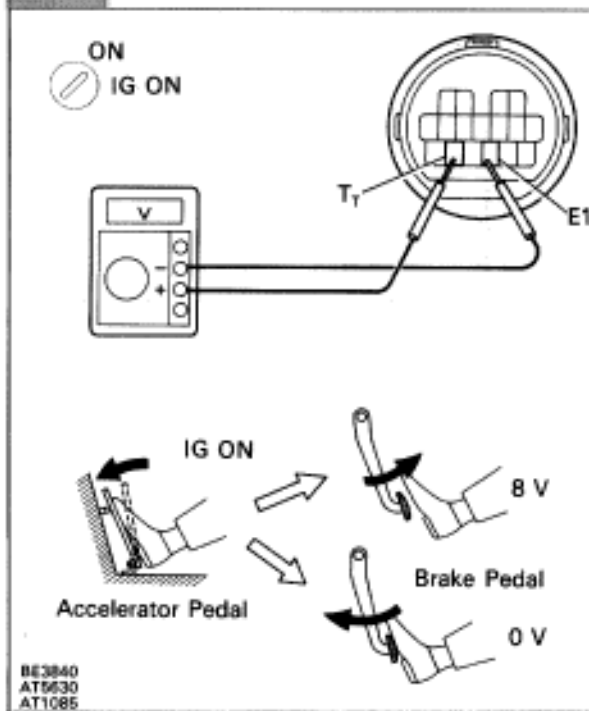
- C** Check if the stop lights go on and off normally when the brake pedal is operated and released.

**OK**

**NG**

Check and repair stop light circuit (See page [BE-59](#)).

### 2 Check stop light signal.



- C**
1. Connect voltmeter of the terminals T<sup>T</sup> and E1 of the TDCL.
  2. Turn Ignition switch ON (Do not start the engine).
  3. Fully depress the accelerator pedal until the voltmeter indicates 8V and hold it.
  4. Depress and release the brake pedal and check the voltage.

**OK**

Brake pedal	Voltage
Depressed	0 V
Released	8 V

**NG**

**OK**

Proceed to next circuit inspection shown on matrix chart (See page [AT-66](#)).

### 3 Check harness and connector between Engine & ECT ECU and stop light switch (See page [IN-27](#)).

**OK**

**NG**

Repair or replace harness or connector.

Check and replace Engine & ECT ECU.