

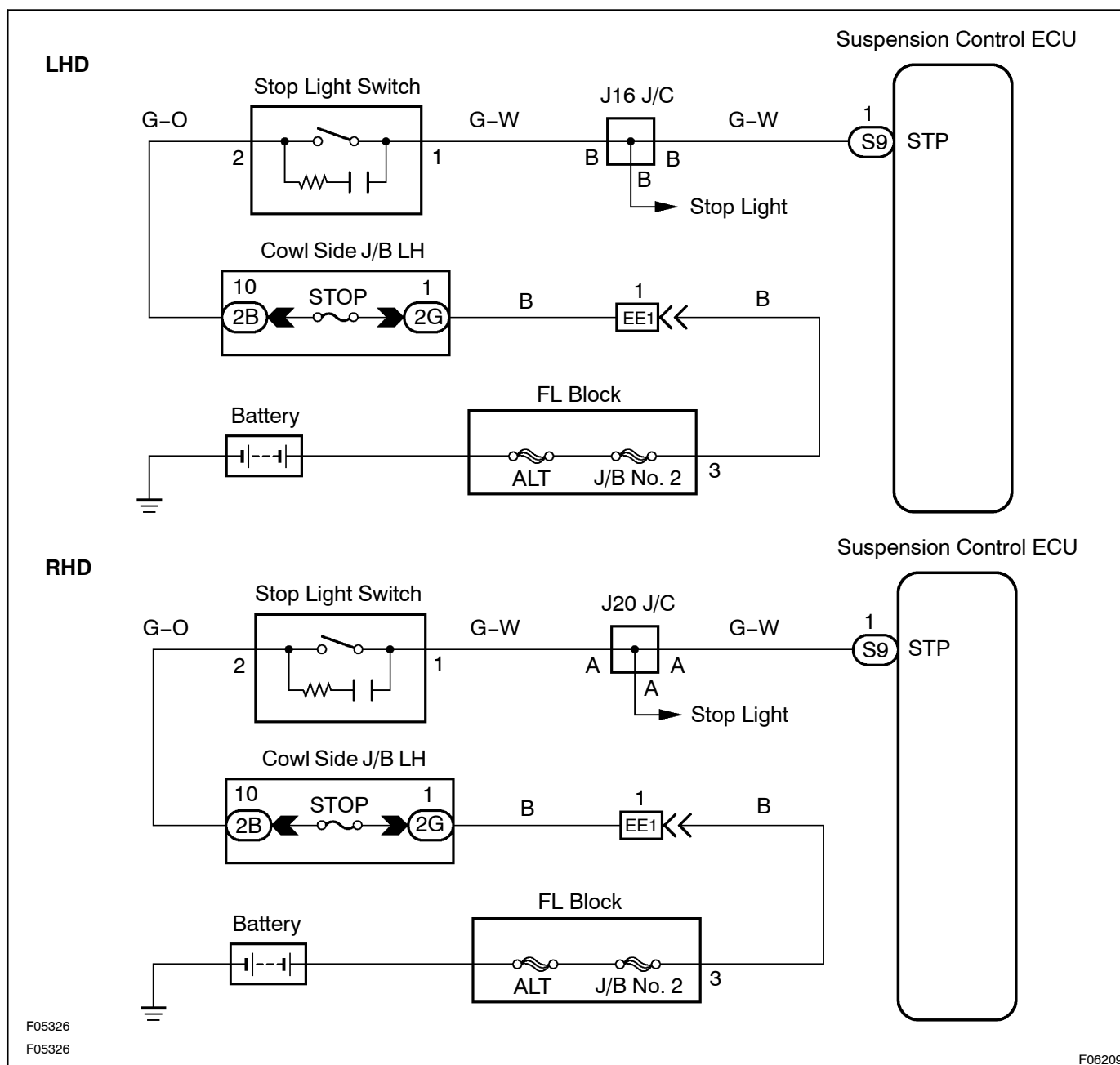
DTC	C1782 / 82	Stop Light Switch Circuit
-----	------------	---------------------------

## CIRCUIT DESCRIPTION

When the brake pedal is depressed, the stop light switch comes on and battery voltage is applied to terminal STP of ECU. This signal is used by the ECU as one of the starting conditions for anti-dive control.

DTC No.	DTC Detecting Condition	Trouble Area
C1782 / 82	Stop light switch signal does not change.	<ul style="list-style-type: none"> <li>• Stop light switch</li> <li>• Stop light switch circuit</li> <li>• Suspension control ECU</li> </ul>

## WIRING DIAGRAM



# INSPECTION PROCEDURE

## 1 Check operation of stop light.

### CHECK:

Check that the stop light comes on when the brake pedal is depressed and turns off when the brake pedal is released.

NG

Check stop light circuit (See page BE-58).

OK

## 2 Check output signal of stop light switch.

### IN CASE OF USING HAND-HELD TESTER:

#### PREPARATION:

- Connect the hand-held tester to the DLC3.
- Turn the ignition switch ON and push the hand-held tester main switch ON.
- Select the DATALIST mode on the hand-held tester.

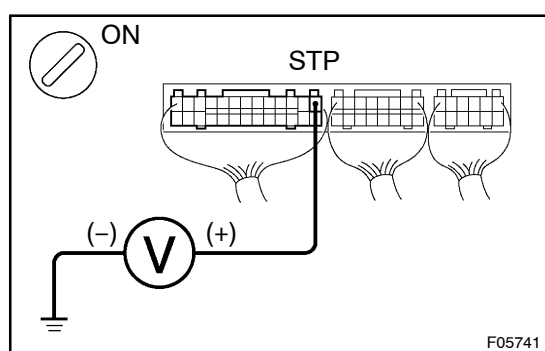
#### CHECK:

Check the stop light switch condition displayed on the hand-held tester when depressing and releasing the brake pedal.

#### OK:

When the brake pedal is depressed: "ON" is displayed for stop light switch condition.

When the brake pedal is released: "OFF" is displayed for stop light switch condition.



### IN CASE OF NOT USING HAND-HELD TESTER:

#### PREPARATION:

Remove the suspension control ECU with connectors still connected.

#### CHECK:

- Turn the ignition switch ON.
- Measure voltage between terminal STP of suspension control ECU connector and body ground when brake pedal is released and depressed.

#### OK:

Brake pedal	Voltage
Depressed	9 – 14 V
Released	Below 1.5 V

OK

No problem.

NG

3

Check for open circuit in harness and connector between stop light switch and suspension control ECU ([See page IN-35](#)).

NG

Repair or replace harness or connector.

OK

Check and replace suspension control ECU.