

DTC**P0571****Stop Light Switch Circuit Malfunction****DESCRIPTION**

The ECM receives the brake demand signal from the cruise control ECU (distance control ECU) and transmits it to the ABS & traction actuator assembly (skid control ECU).

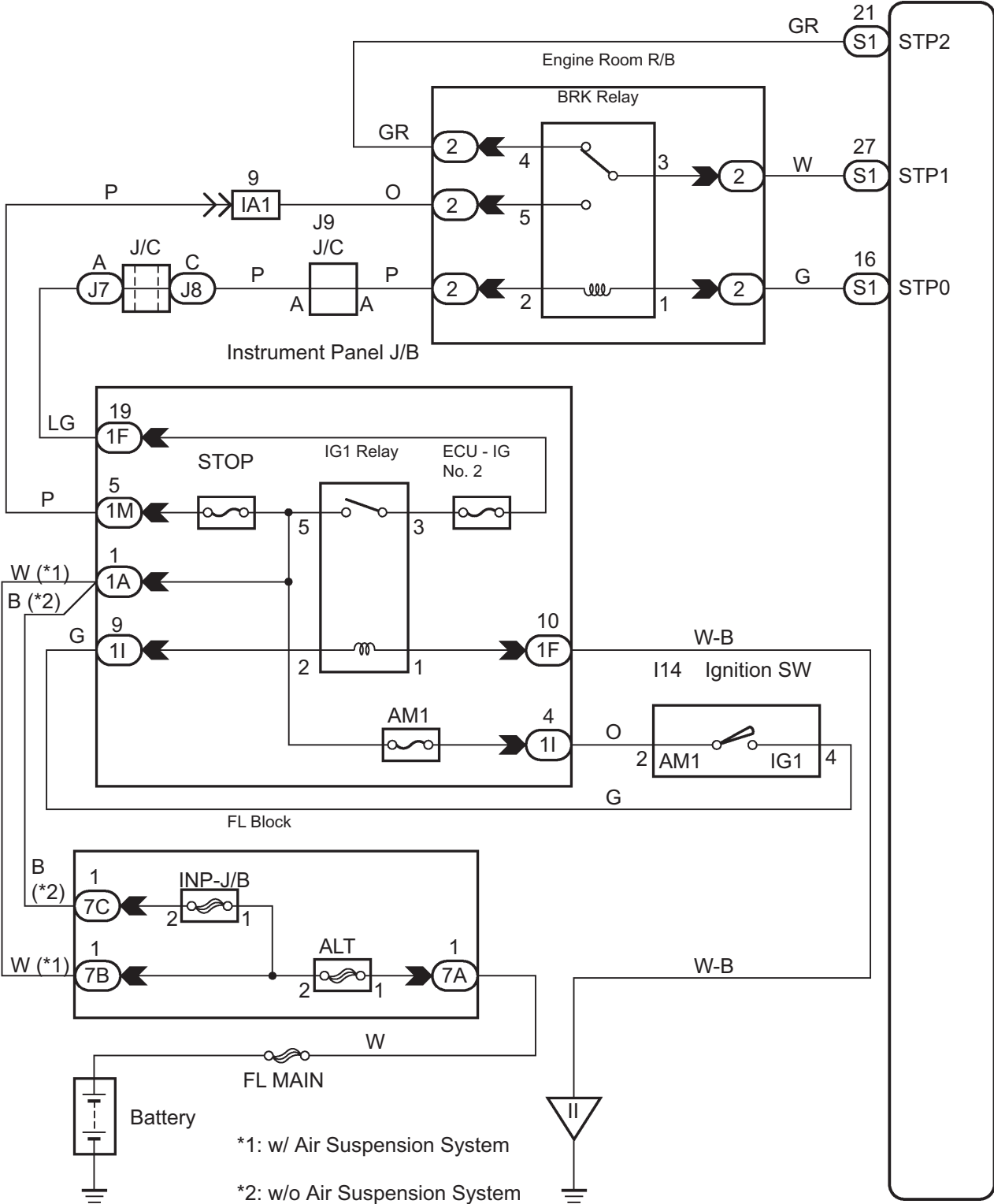
The ABS & traction actuator assembly (skid control ECU) receives a signal from the ECM and operates the brake actuator.

The ABS & traction actuator assembly (skid control ECU) operates the brake actuator and illuminates the stop light by operating the BRK relay at the same time.

DTC No.	DTC Detection Condition	Trouble Area
P0571/76	This malfunction code is output when the ECM detects the BRK relay error signal from the ABS & traction actuator assembly (skid control ECU) for 0.2 sec. or more while the dynamic cruise control is in operation.	<ul style="list-style-type: none"> • BRK relay • BRK relay circuit • ABS & traction actuator assembly (Skid control ECU)

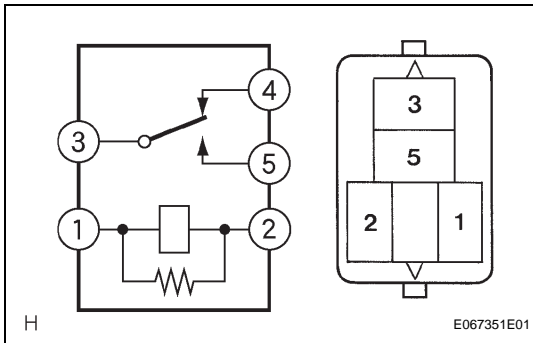
WIRING DIAGRAM

ABS & Traction Actuator Assembly (Skid Control ECU)



CC

1 CHECK BRK RELAY



- (a) Remove the BRK relay from the engine room R/B No.1.
- (b) Check operation of the BRK relay.

Standard resistance

Terminal No.	Condition	Specified value
3 - 5	Always	10 kΩ or higher
3 - 5	When battery voltage is applied to terminal 1 and 2.	Below 1 Ω

NG

REPLACE BRK RELAY

OK

2 CHECK WIRE HARNESS AND CONNECTOR (BRK RELAY - BATTERY)

- (a) Check for an open or short circuit in harness and connector between the BRK relay and battery (See page [IN-36](#)).

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

3 CHECK WIRE HARNESS AND CONNECTOR (BRK RELAY - SKID CONTROL ECU)

- (a) Check for an open or short circuit in harness and connector between the BRK relay and skid control ECU (See page [IN-36](#)).

NG

REPAIR OR REPLACE HARNESS OR CONNECTOR

OK

REPLACE ABS AND TRACTION ACTUATOR ASSEMBLY