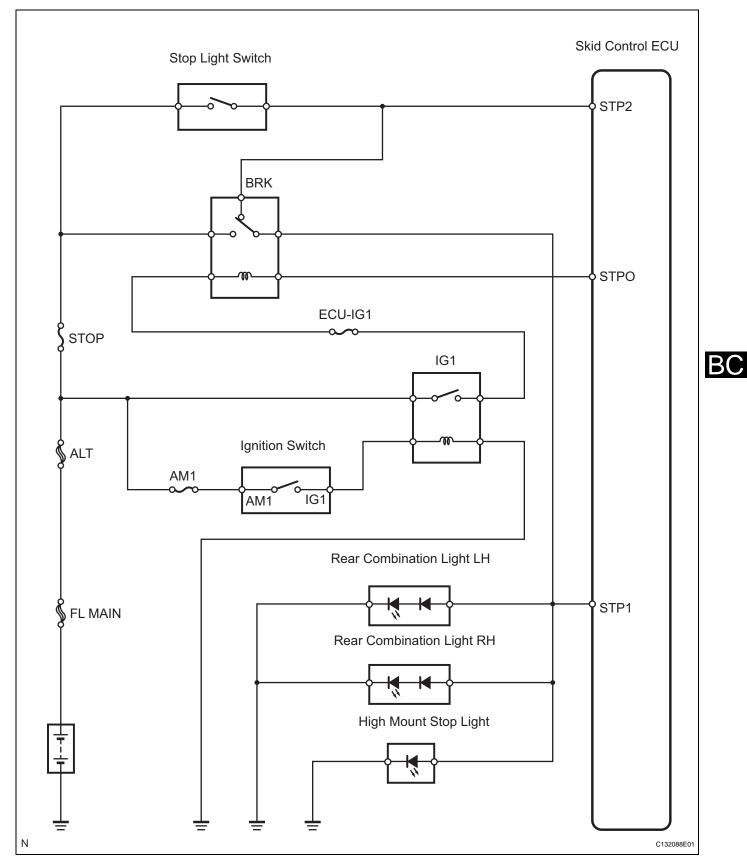
DTC C1380/64 Stop Light Control Relay Malfunction

DESCRIPTION

The skid control ECU inputs the stop light switch signal and detects the status of the brake operation.

DTC No.	DTC Detection Condition	Trouble Area
C1380/64	 When one of following conditions is met: When stop light control relay is ON, relay OFF condition continues for 5 seconds or more. When stop light control relay is OFF, relay ON condition continues for 5 seconds. When stop light control relay is OFF, stop switch monitor (STP2) OFF condition continues for 5 seconds or more. 	 Stop light Stop light switch circuit Stop light control (BRK) relay ABS and TRACTION actuator (skid control ECU)

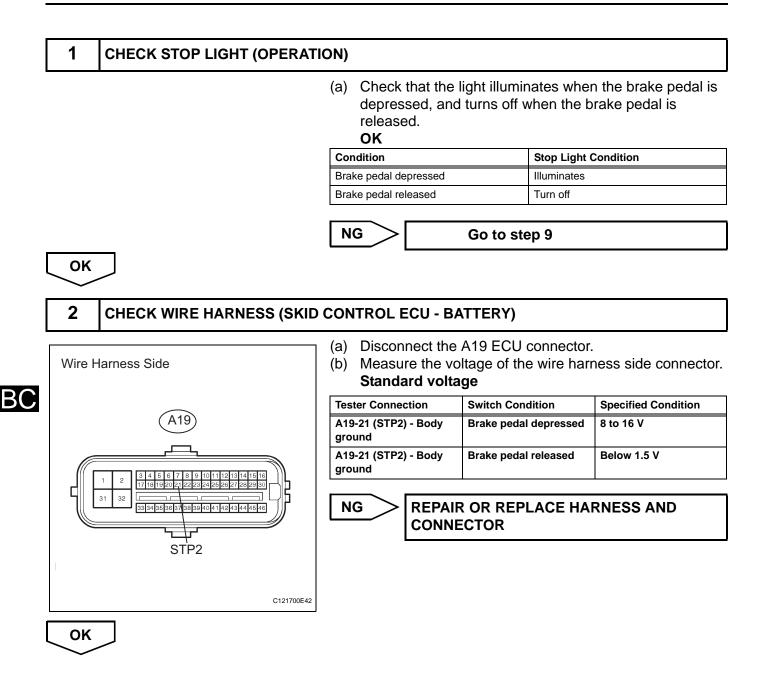
WIRING DIAGRAM

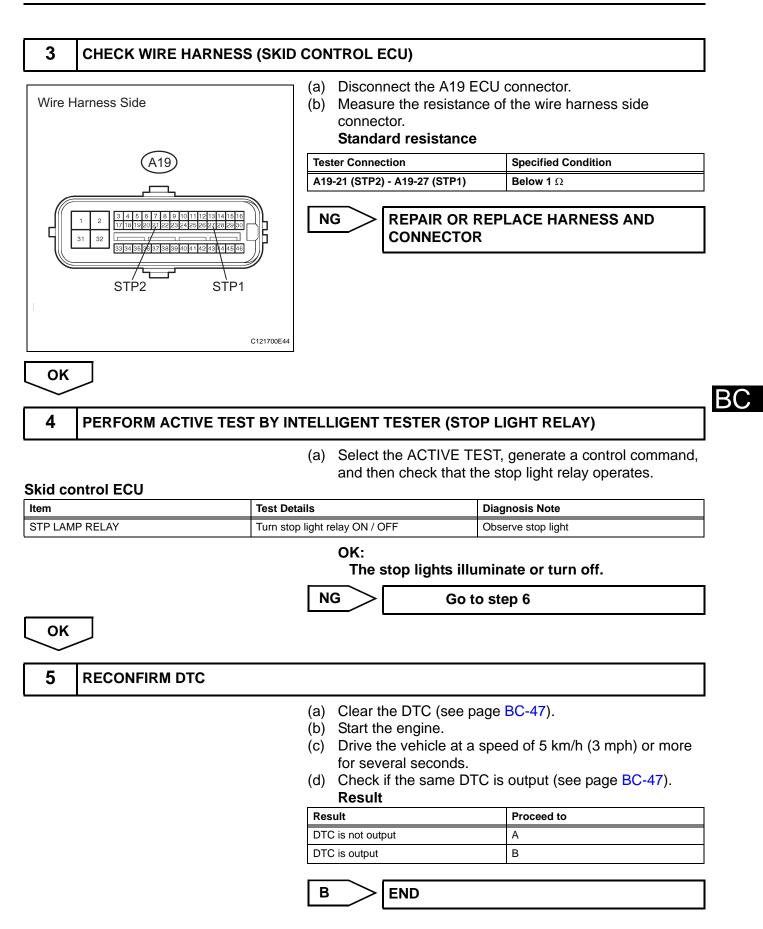


INSPECTION PROCEDURE

NOTICE:

When replacing the ABS and TRACTION actuator, perform zero point calibration (see page BC-24).



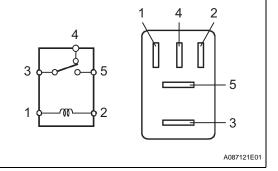


BC-129

A

REPLACE ABS AND TRACTION ACTUATOR ASSEMBLY

6 INSPECT STOP LIGHT CONTROL RELAY (Marking: BRK)



- (a) Remove the stop light control relay from the engine room No. 1 relay block.
- (b) Measure the resistance of the relay. **Standard resistance**

Tester Connection	Specified Condition	
3 - 4	Below 1 Ω	
3 - 5	10 k Ω or higher	
3 - 4	10 k Ω or higher (when battery voltage is applied to terminals 1 and 2)	
3 - 5	Below 1 Ω (when battery voltage is applied to terminals 1 and 2)	

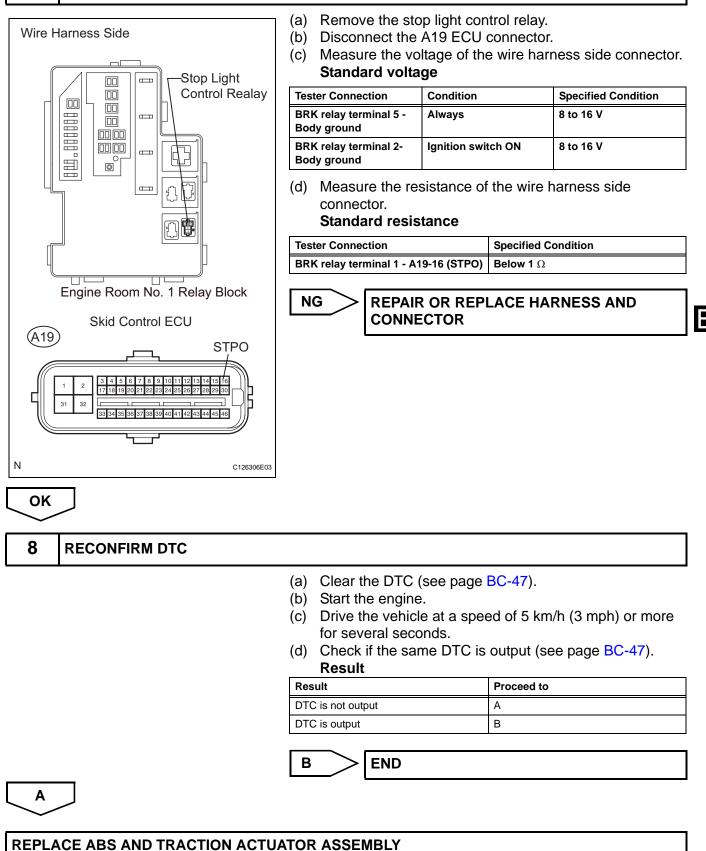
BC

ΟΚ



REPLACE STOP LIGHT CONTROL RELAY

7 CHECK WIRE HARNESS (ENGINE ROOM NO. 1 RELAY BLOCK - SKID CONTROL ECU AND BATTERY)



BC-131

BC

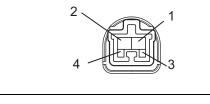
9 CHECK WIRE HARNESS (STOP LIGHT SWITCH - BATTERY) (a) Disconnect the A3 switch connector. Wire Harness Side (b) Measure the voltage of the wire harness side connector. Standard voltage **Tester Connection Specified Condition** 10 to 14 V A3-2 - Body ground A3 NG **REPAIR OR REPLACE HARNESS AND** CONNECTOR C082562E03 OK 10 **INSPECT STOP LIGHT SWITCH ASSEMBLY** (a) Remove the stop light switch connector. (b) Measure the resistance of the switch. **Standard resistance** Pin

NG

C108891E01

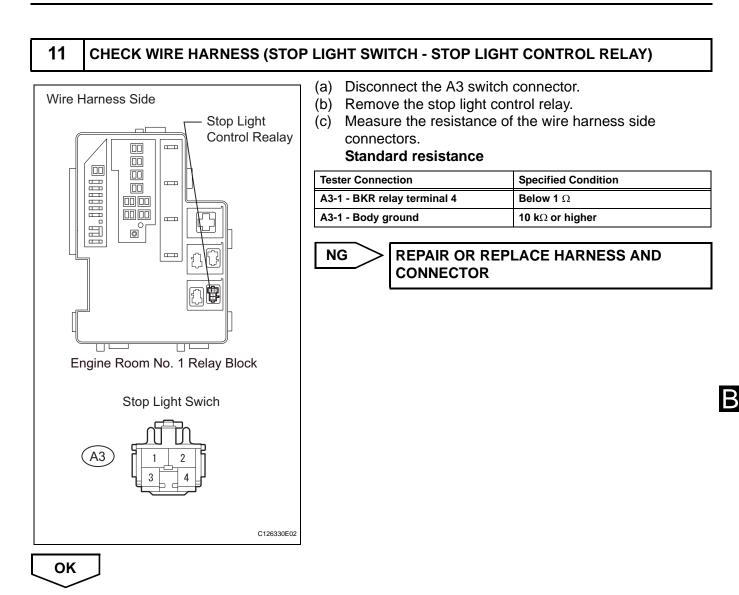
Not Pushed Pushed

OK

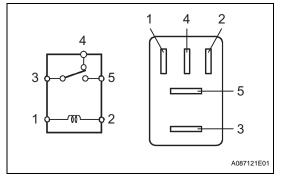


Tester Connection	Switch Condition	Specified Condition
1 - 2	Switch pin not pushed	Below 1 Ω
1 - 2	Switch pin pushed	10 k Ω or higher
3 - 4	Switch pin not pushed	10 k Ω or higher
3 - 4	Switch pin pushed	Below 1 Ω

REPLACE STOP LIGHT SWITCH ASSEMBLY



12 INSPECT STOP LIGHT CONTROL RELAY (Marking: BRK)



OK

- (a) Remove the stop light control relay from the engine room No. 1 relay block.
- (b) Measure the resistance of the relay. **Standard resistance**

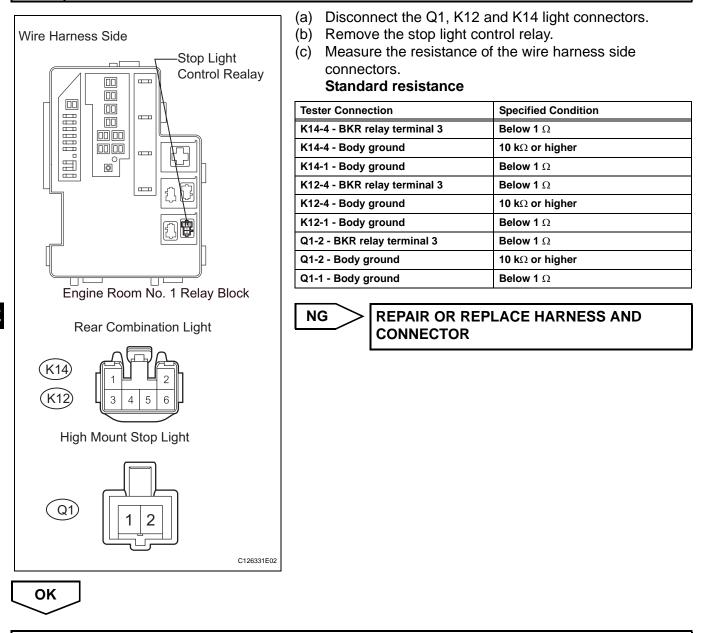
Tester Connection	Specified Condition
3 - 4	Below 1 Ω
3 - 5	10 k Ω or higher
3 - 4	10 k Ω or higher (when battery voltage is applied to terminals 1 and 2)
3 - 5	Below 1 Ω (when battery voltage is applied to terminals 1 and 2)

NG

REPLACE STOP LIGHT CONTROL RELAY

BC

13 CHECK WIRE HARNESS (STOP LIGHT AND REAR COMBINATION LIGHT - CONTROL RELAY)



CHECK FOR INTERMITTENT PROBLEMS