

DTC**C1223/43****ABS Control System Malfunction****DESCRIPTION**

DTC No.	DTC Detection Condition	Trouble Area
C1223/43	ABS control system is abnormal.	ABS control system

1**CHECK FOR DTC**

- (a) Turn the ignition switch ON.
- (b) Check that the VSC TRAC warning light turns on.
- (c) Check for DTCs.

Result

Result	Proceed to
DTC is output	A
DTC is not output	B

B**END****A****REPAIR CIRCUIT INDICATED BY OUTPUT DTC**

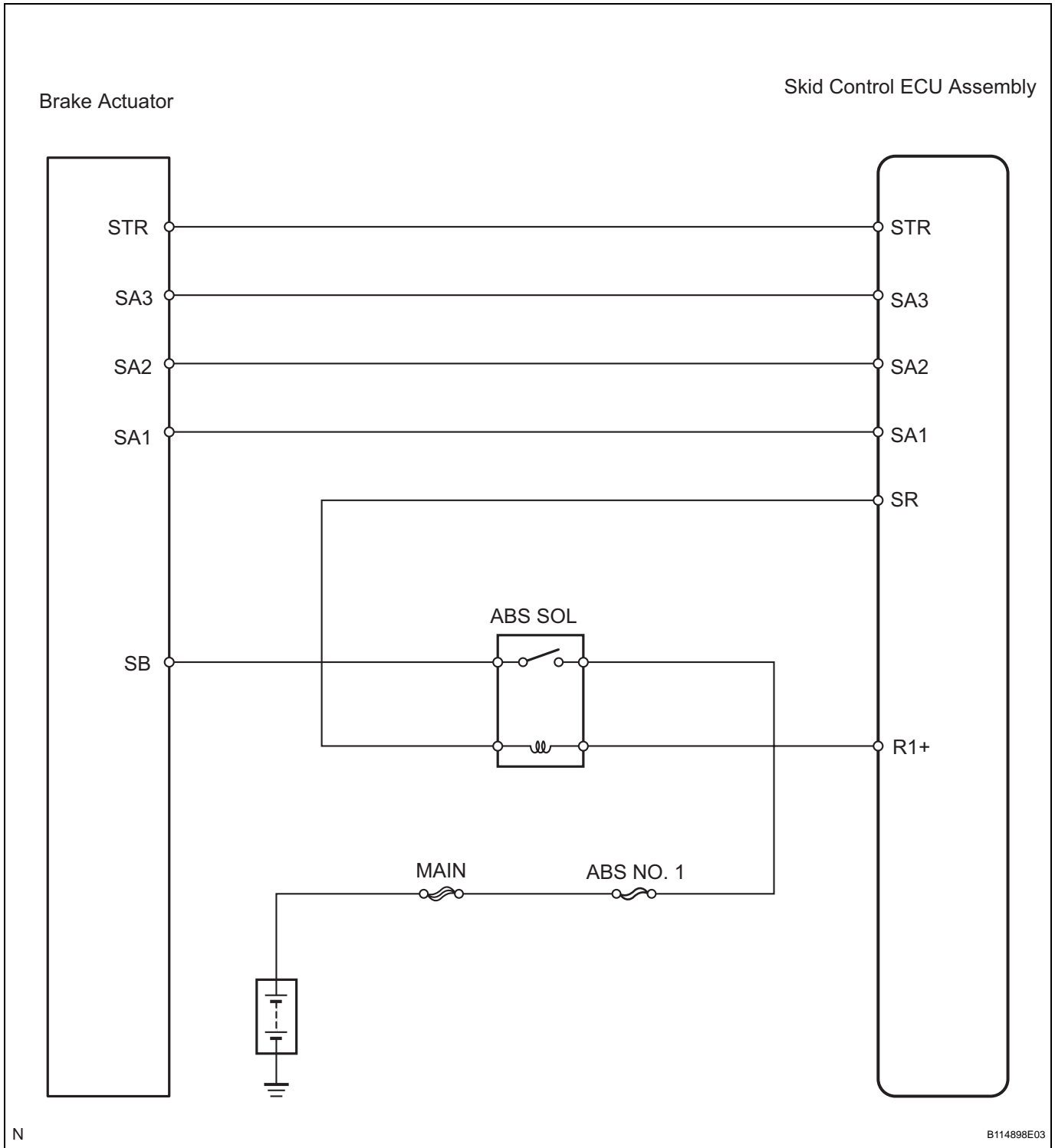
DTC	C1225/25	BA and TRAC Solenoid Circuit
DTC	C1226/26	BA and TRAC Solenoid Circuit
DTC	C1227/27	BA and TRAC Solenoid Circuit
DTC	C1228/28	STR Solenoid Circuit

DESCRIPTION

The TRAC & VSC solenoid operates in accordance with signals from the ECU, raises the fluid pressure and releases it from the brake cylinders.

DTC No.	DTC Detection Condition	Trouble Area
C1225/25	Open or short in SA1 circuit continues for 0.015 sec. or more.	<ul style="list-style-type: none"> • Hydraulic brake booster • SA1 circuit
C1226/26	Open or short in SA2 circuit continues for 0.015 sec. or more.	<ul style="list-style-type: none"> • Hydraulic brake booster • SA2 circuit
C1227/27	Open or short in SA3 circuit continues for 0.015 sec. or more.	<ul style="list-style-type: none"> • Hydraulic brake booster • SA3 circuit
C1228/28	Open or short in STR circuit continues for 0.015 sec. or more.	<ul style="list-style-type: none"> • Hydraulic brake booster • STR circuit

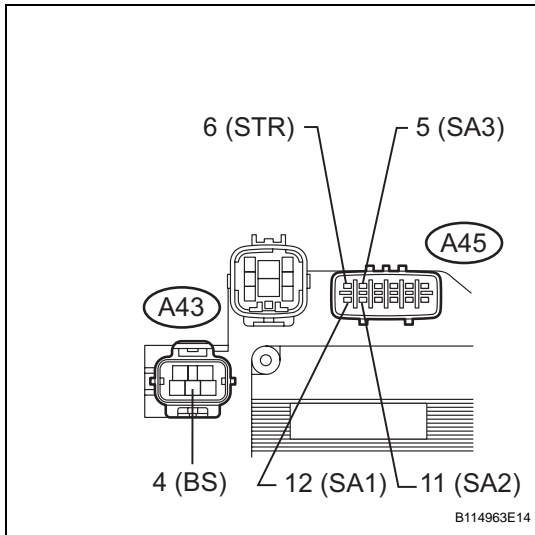
WIRING DIAGRAM



N

B114898E03

1 INSPECT BRAKE ACTUATOR



- (a) Disconnect the A43 and A45 actuator connectors.
- (b) Measure the resistance of the actuator.

Standard resistance

Tester Connection	Specified Condition
A43-4 (BS) - A45-5 (SA3)	6.95 to 7.45 Ω
A43-4 (BS) - A45-6 (STR)	4.05 to 4.55 Ω
A43-4 (BS) - A45-11 (SA2)	4.05 to 4.55 Ω
A43-4 (BS) - A45-12 (SA1)	4.05 to 4.55 Ω

HINT:

Resistance of each solenoid at 20°C (68°F).

NG → **REPLACE BRAKE ACTUATOR**

OK

2 CHECK WIRE HARNESS (SKID CONTROL ECU ASSEMBLY - BRAKE ACTUATOR)

NG → **REPAIR OR REPLACE HARNESS AND CONNECTOR**

OK

CHECK EACH CONNECTION IF SAME CODE IS STILL OUTPUT AFTER DTC DELETION (IF CONNECTION IS NORMAL, SKID CONTROL ECU MAY BE DEFECTIVE)