

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

This DTC is displayed when the VSC system receives the malfunction signal from the ABS.

DTC No.	DTC Detection Condition	Trouble Area
C1223/43	Malfunction in anti-lock brake system	Anti-lock brake system

1**CHECK DTC**

- (a) Check that the DTCs for the ABS other than C1223/43 are recorded (see page [BC-16](#)).

NEXT**REPAIR CIRCUIT INDICATED BY OUTPUT CODE**

DTC	C1224/44	NE Signal Circuit
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DESCRIPTION

The skid control ECU receives engine revolution speed signals (NE signals) from the ECM.

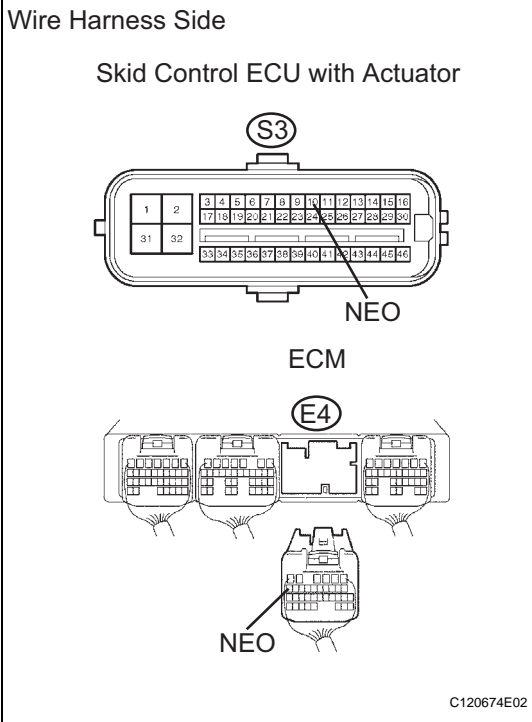
DTC No.	DTC Detection Condition	Trouble Area
C1224/44	Detection of either condition 1. or 2.: 1. When vehicle speed is 30 km/h (19 mph) or more and data reception from ECM is in normal condition, open or short circuit of engine revolution signal continues for 10 seconds or more 2. When TRAC is in operation, open or short circuit of engine revolution signal continues for 0.24 seconds or more	<ul style="list-style-type: none"> • NEO circuit • ECM • Skid control ECU with actuator

WIRING DIAGRAM



E115290E03

1 CHECK WIRE HARNESS (SKID CONTROL ECU - ECM)



- (a) Disconnect the S3 ECU connector.
- (b) Disconnect the E4 ECM connector.
- (c) Measure the resistance of the wire harness side connectors.

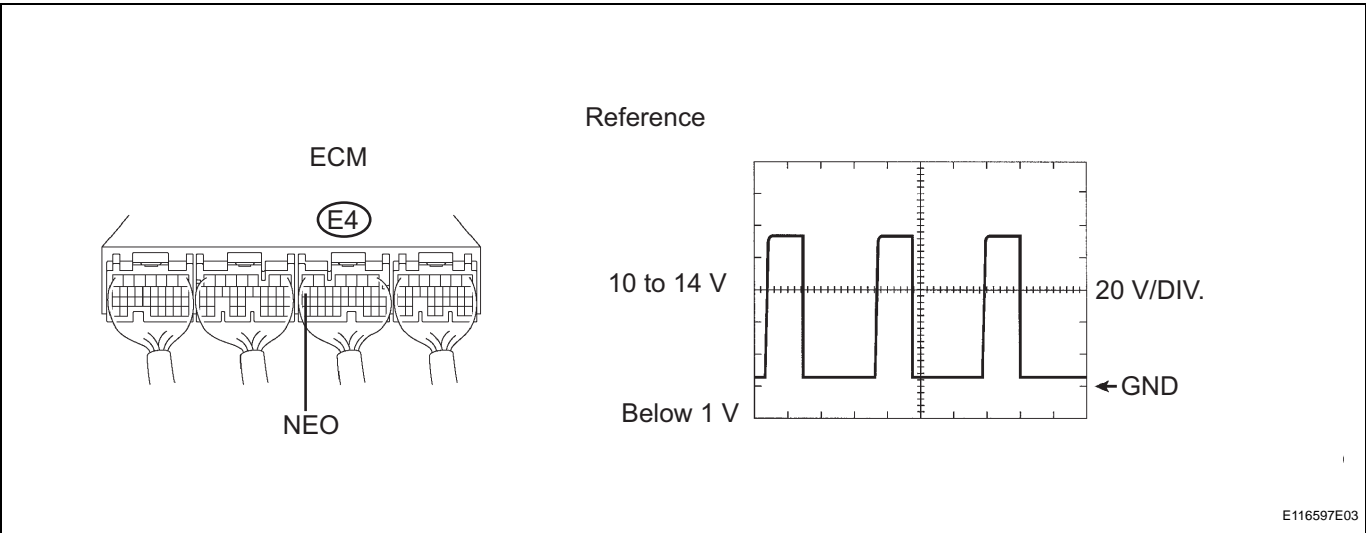
Standard resistance

Tester Connection	Specified Condition
S3-10 (NEO) - E4-7 (NEO)	Below 1 Ω
S3-10 (NEO) - Body ground	10 kΩ or higher

NG REPAIR OR REPLACE HARNESS AND CONNECTOR

OK

2 CHECK ECM (NEO VOLTAGE)



- (a) Measure the voltage of the ECM.

Standard voltage

Tester Connection	Engine Condition	Specified Condition
E4-7 (NEO) - Body ground	OFF (Ignition switch ON)	Alternating between 10 to 14 V and below 1 V
	ON (Idling)	

NG

REPLACE ECM

OK

IF SAME CODE IS STILL OUTPUT AFTER DTC IS DELETED, CHECK CONTACT CONDITION OF EACH CONNECTION