

<b>DTC</b>	<b>C1554/23</b>	<b>Power Supply Relay Failure</b>
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<b>DTC</b>	<b>C1555/25</b>	<b>Motor Relay Welding Failure</b>
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**DESCRIPTION**

If the power steering ECU detects these DTCs, it shuts off the motor relay circuit (built into the power steering ECU) and stops power assist.

<b>DTC No.</b>	<b>DTC Detection Condition</b>	<b>Trouble Area</b>
C1554/23	Power source relay circuit malfunction	Power steering ECU
C1555/25	Motor relay circuit malfunction	Power Steering ECU

**INSPECTION PROCEDURE**

<b>1</b>	<b>RECONFIRM DTC</b>
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(a) Check for DTC.

**OK:**

**DTC is not output.**

**OK**

**PROCEED TO NEXT CIRCUIT INSPECTION  
SHOWN IN PROBLEM SYMPTOMS TABLE**

**NG**

**REPLACE POWER STEERING ECU**

**DTC****C1581/26****Assist Map Number Un-Writing****DESCRIPTION**

The power steering ECU outputs this DTC when it determines that the assist map is not written in the ECU.

**HINT:**

The assist map data is written in the power steering ECU to control assisting power.

The assist map has 3 types. Select an assist map according to the vehicle country information that is recorded in the ECU.

DTC No.	DTC Detection Condition	Trouble Area
C1581/26	Assist map not written in power steering ECU	Power steering ECU

**INSPECTION PROCEDURE****1****PERFORM ASSIST MAP WRITING**

- (a) Turn the ignition switch ON.
- (b) Connect the intelligent tester (with CAN VIM) to the DLC3.

**HINT:**

At this time, check that the P/S warning light is illuminated.

- (1) Select signal check, and change to test mode.
- (c) Wait for 3 seconds.

**NEXT****2****CHECK P/S WARNING LIGHT**

- (a) Check the P/S warning light.

**Result**

Result	Proceed to
P/S warning light illuminates	A
P/S warning light blinks at 0.25 second intervals	B

**HINT:**

If the P/S warning light blinks at 0.25 second intervals, the assist map adjustment has completed normally.

**B****END****A****3****CHECK DTC**

- (a) Check for DTC.

**Result**

Result	Proceed to
C1581/26 output Assist map write adjustment operation not completed 3 times or more	A

**PS**

Result	Proceed to
Code other than C1581/26 is output	B
C1581/26 output Assist map write adjustment operation not completed less than 3 times	C

HINT:  
If DTC C1581/26 is output, turn the ignition switch OFF. Enter test mode again. If the DTC is output 3 times in a row, replace the power steering ECU.

B

REFER TO DTC

C

Go to step 1

A

REPLACE POWER STEERING ECU