

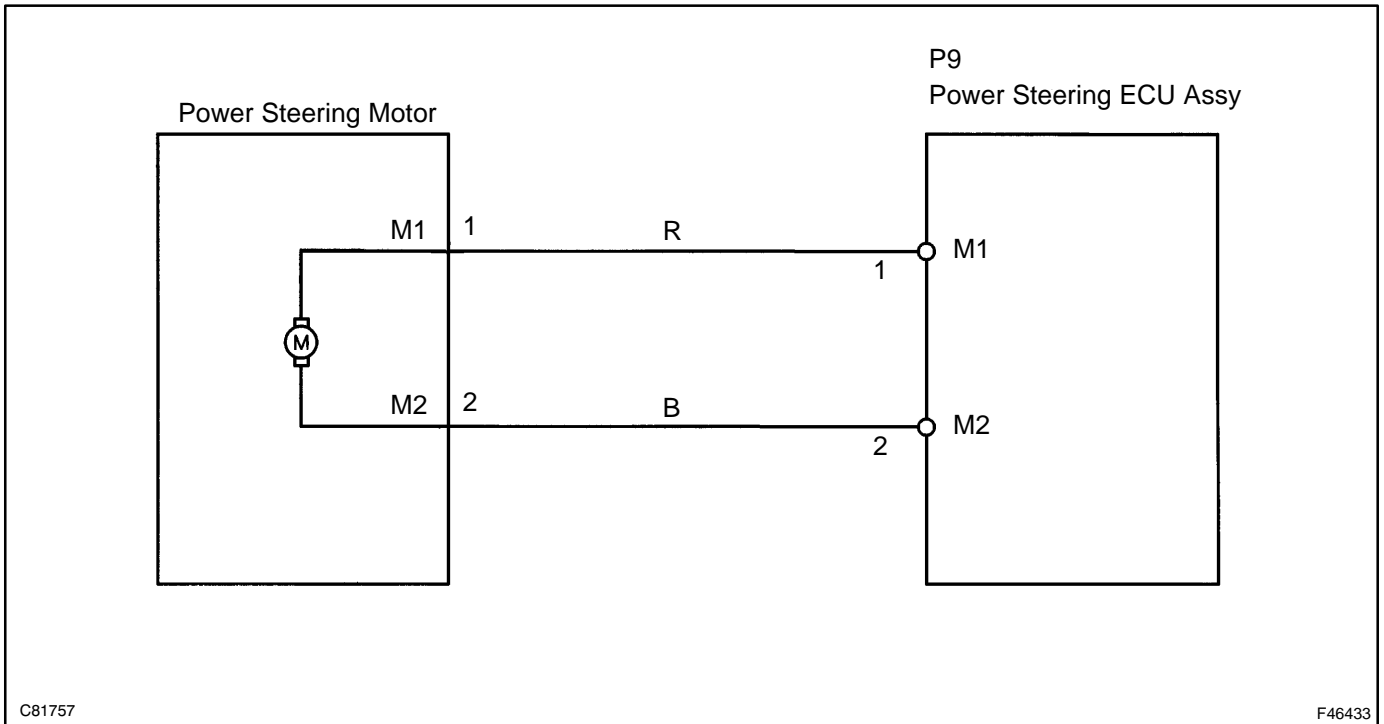
<b>DTC</b>	<b>C1524</b>	<b>MOTOR ABNORMAL</b>
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### CIRCUIT DESCRIPTION

The power steering ECU assy supplies current to the power steering motor through this circuit.

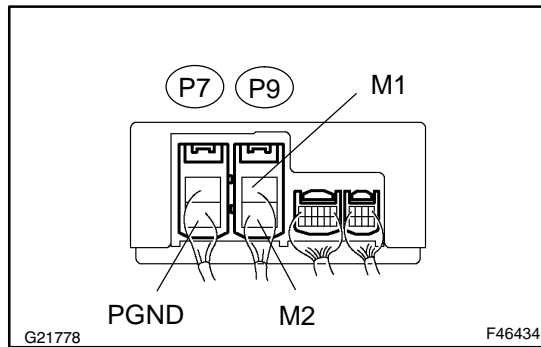
DTC No.	DTC Detection Item	Trouble Area
C1524	Voltage error between motor terminals	<ul style="list-style-type: none"> <li>• Power steering motor</li> <li>• Power steering ECU assy</li> </ul>

### WIRING DIAGRAM



## INSPECTION PROCEDURE

## 1 INSPECT POWER STEERING ECU ASSY



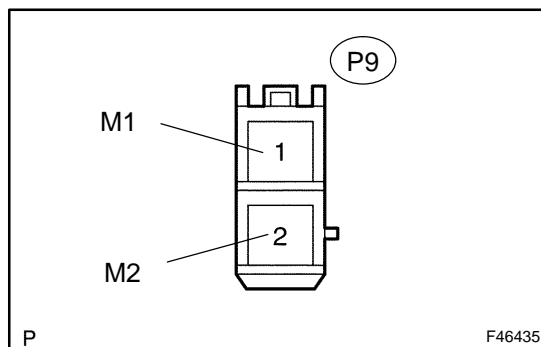
- (a) Turn the power switch on (IG).
- (b) Measure the voltage according to the value(s) in the table below.

**Standard:**

Tester Connection	Condition	Specified Condition
P9-1 (M1) – P7-2 (PGND)	The steering wheel is turned to the left.	Below 1 V
P9-1 (M1) – P7-2 (PGND)	The steering wheel is turned to the right.	10 to 16 V
P9-2 (M2) – P7-2 (PGND)	The steering wheel is turned to the left.	10 to 16 V
P9-2 (M2) – P7-2 (PGND)	The steering wheel is turned to the right.	Below 1 V

**NG****REPLACE POWER STEERING ECU ASSY  
(SEE PAGE 50-16)****OK**

## 2 INSPECT POWER STEERING MOTOR ASSY



- (a) Turn the power switch off.
- (b) Disconnect the "P9" connector from the power steering ECU assy.
- (c) Measure the resistance according to the value(s) in the table below.

**Standard:**

Tester Connection	Condition	Specified Condition
P9-1 (M1) – P9-2 (M2)	Always	0.04 to 0.1 $\Omega$
P9-1 (M1) – Body ground	Always	10 k $\Omega$ or higher
P9-2 (M2) – Body ground	Always	10 k $\Omega$ or higher

**NG****REPLACE POWER STEERING MOTOR ASSY  
(SEE PAGE 50-8)****OK****REPLACE POWER STEERING ECU ASSY (SEE PAGE 50-16)**