

DTC	C1246/46	MALFUNCTION IN MASTER CYLINDER PRESSURE SENSOR
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CIRCUIT DESCRIPTION

DTC No.	DTC Detecting Condition	Trouble Area
C1246/46	<p>Either of the following 1., 2., 3., or 4. is detected:</p> <ol style="list-style-type: none"> At the vehicle speed of 7 km/h (4 mph) or more, no change in master cylinder pressure sensor continues for 30 sec. At the vehicle speed of 10 km/h or more, interference occurs 7 times or more for 5 sec. ECU terminal STP is OFF, and the condition that master cylinder pressure sensor voltage becomes more than 0.86 V or less than 0.3 V continues for 5 sec. or more. Master cylinder pressure sensor circuit is open or short for 1.2 sec. or more. 	<ul style="list-style-type: none"> Master cylinder pressure sensor Master cylinder pressure sensor circuit

INSPECTION PROCEDURE

HINT:

Start the inspection from step 1 in case of using the hand-held tester and start from step 2 in case of not using the hand-held tester.

1	READ VALUE OF BRAKE ACTUATOR ASSY
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- (a) Check that the brake fluid pressure value of the master cylinder pressure sensor displayed on the hand-held tester changes when depressing the brake pedal.

OK:

Brake fluid pressure value must be changing.

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CHECK AND REPLACE BRAKE ACTUATOR ASSY

OK

2	INSPECT BRAKE ACTUATOR ASSY
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- (a) Check whether or not the ECU terminal STP input voltage is changed, when the stop light switch is turned ON and OFF.

NO

INSPECT STOP LIGHT SWITCH CIRCUIT

YES

CHECK AND REPLACE BRAKE ACTUATOR ASSY
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