

DTC P0116 Engine Coolant Temp. Circuit Range Performance Problem

CIRCUIT DESCRIPTION

Refer to engine coolant temp. circuit malfunction on page [EG-253](#).

DTC No.	Diagnostic Trouble Code Detecting Condition	Trouble Area
P0116	20 min. or more after starting engine, engine coolant temp. sensor value is 35°C (95°F) or less (2 trip detection logic)	- Engine coolant temp. sensor - Cooling system

INSPECTION PROCEDURE

HINT: If diagnostic trouble codes "P0115" (engine coolant temp. circuit malfunction) and "P0116" (engine coolant temp. circuit range/performance) are output simultaneously, engine coolant temp. sensor circuit may be open.

Perform troubleshooting of diagnostic trouble code P0115 first.

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Are there any other codes (besides DTC P0116) being output?

NO

YES

Go to relevant diagnostic trouble code chart.

Replace engine coolant temp. sensor. (See page [EG-171](#)).