

DTC	P1645	Body ECU Malfunction
------------	--------------	-----------------------------

CIRCUIT DESCRIPTION

ECM receives the operating condition (ON/OFF) of A/C from A/C ECU and it also receives the electrical load information from the body ECU.

ECM uses these information to control the engine (idle up, etc.).

DTC No.	DTC Detecting Condition	Trouble Area
P1645	Condition (a) or (b) continues for 5.0 seconds or more: (a) No communication from body ECU (b) No communication from A/C ECU	<ul style="list-style-type: none"> • Body ECU • A/C ECU • Communication bus

INSPECTION PROCEDURE

Perform troubleshooting the Multiplex Communication System (See page [DI-1117](#)).

HINT:

Read freeze frame data using LEXUS hand-held tester or OBD II scan tool. Because freeze frame records the engine conditions when the malfunction is detected. When troubleshooting, it is useful for determining whether the vehicle was running or stopped, the engine was warmed up or not, the air-fuel ratio was lean or rich, etc. at the time of the malfunction.