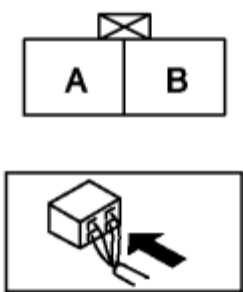


2012 - Mazda6 - Engine

FAN CONTROL MODULE INSPECTION [MZR 2.5]

1. Connect the M-MDS to the DLC-2.
2. Start and warm up the engine.
3. Monitor the engine coolant temperature with the M-MDS.
4. Measure the voltage at terminal A of the fan control module connector (2 terminals) as shown in the table.

FAN CONTROL MODULE CONNECTOR



- If not within the specification, inspect the input signals from the following parts.
 - Engine Coolant Temperature (ECT) sensor

Fan control module [A/ C OFF]

Inspection	Result	
Engine coolant temp. (°C {°F})	PID FAN_DUTY	Voltage
100 {212}	30 %	6.5 V
100—110 {212—230}	30—100 %	6.5—13.0 V
110 {230}	100 %	13.0 V

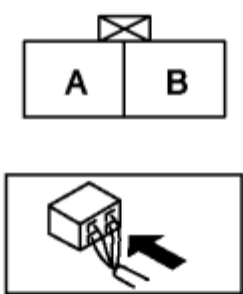
5. If all the above parts are normal, replace the fan control module.

2012 - Mazda6 - Engine

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