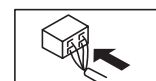


FAN CONTROL MODULE INSPECTION [SKYACTIV-D 2.2]

id0112s6801100

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.
 - If not within the specification, inspect the input signals from the following parts. If all the following parts are normal, replace the fan control module.
 - Engine Coolant Temperature (ECT) sensor
 - Refrigerant pressure sensor
 - Battery
 - DSC (HU/CM)

FAN CONTROL MODULE NO.1, NO.2 CONNECTOR



ac5wzw00004877

Fan control module No.1, No.2 [A/C OFF]

Inspection	Result	
Engine coolant temp. (°C {°F})	PID FAN DUTY (%)	Voltage (V)
100 {212}	30	3.6
100—106 {212—222}	30—75	3.6—9.0
106—108 {223—226}	75	9.0
more than 108 {226}	100	0.4 LOWER THAN BATTERY VOLTAGE

Fan control module No.1, No.2 [A/C ON (Engine coolant temp. less than 98 °C {208 °F} and idling)]

Inspection	Result	
Refrigerant pressure (MPa{kgf/cm ² , psi})	PID FAN DUTY (%)	Voltage (V)
less than 1.0 {10, 145}	30	3.6
1.0—1.7 {11—17, 146—246}	30—75	3.6—9.0
1.7—1.9 {18—19, 247—275}	75	9.0
more than 1.9 {19, 276}	100	0.4 LOWER THAN BATTERY VOLTAGE