

B1552: HVAC Control Module

Check Sum Error

DTC Detecting Condition and Trouble Area

DTC detecting condition	Trouble area
Data received by HVAC control module from BCM is erroneous continuously.	<ul style="list-style-type: none"> • BCM • HVAC control module

DTC Troubleshooting

Step	Action	Yes	No
1	Was "Air Conditioning System Check" performed?	Go to Step 2.	Go to "Air Conditioning System Check: Automatic Type".
2	<p>Serial communication signal data check</p> <p>1) Connect scan tool to DLC with ignition switch turned OFF.</p> <p>2) Start engine and select "DATA LIST" mode on scan tool. 3) Check "Refrigerant Pressure", "Vehicle Speed", "Coolant Temp" and "Outside Air Temp" displayed on scan tool.</p> <p>Are values of A/C refrigerant pressure sensor and outside air temperature within specified ranges indicated in "Scan Tool Data"?</p>	Intermittent trouble. Check for intermittent referring to "Intermittent and Poor Connection Inspection in Section 00"	Substitute a known-good HVAC control module and recheck. If DTC is still detected substitute a known-good BCM and recheck.