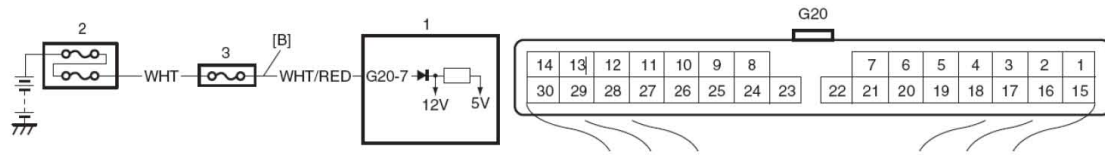


B1541 Back-Up Power Supply Circuit Malfunction

Wiring Diagram



[B]: Back-up power supply circuit	2. Main fuse
1. HVAC control module	3. Circuit fuse

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	DTC check 1) Turn ignition switch to ON position for 20 sec. or more. 2) Ignition switch turned OFF and connect scan tool to DLC. 3) Turn ON ignition switch and check DTC. Is there DTC B1541?	Go to Step 3.	Intermittent trouble. Check for intermittent referring to "Intermittent and Poor Connection Inspection in Section 00".
3	Battery voltage supply circuit check 1) Disconnect connector from HVAC control module with ignition switch turned OFF. 2) Check for proper connection to back-up power supply circuit terminal of HVAC control module connector. 3) If OK, measure voltage between back-up power supply circuit terminal of HVAC control module connector and vehicle body ground. Is voltage 10 – 14 V?	Substitute a known-good HVAC control module and recheck.	Back-up power supply circuit is open or shorted to ground.