DTC C0072 YAW RATE SENSOR COMMUNICATION

DTC DETECTING CONDITION:

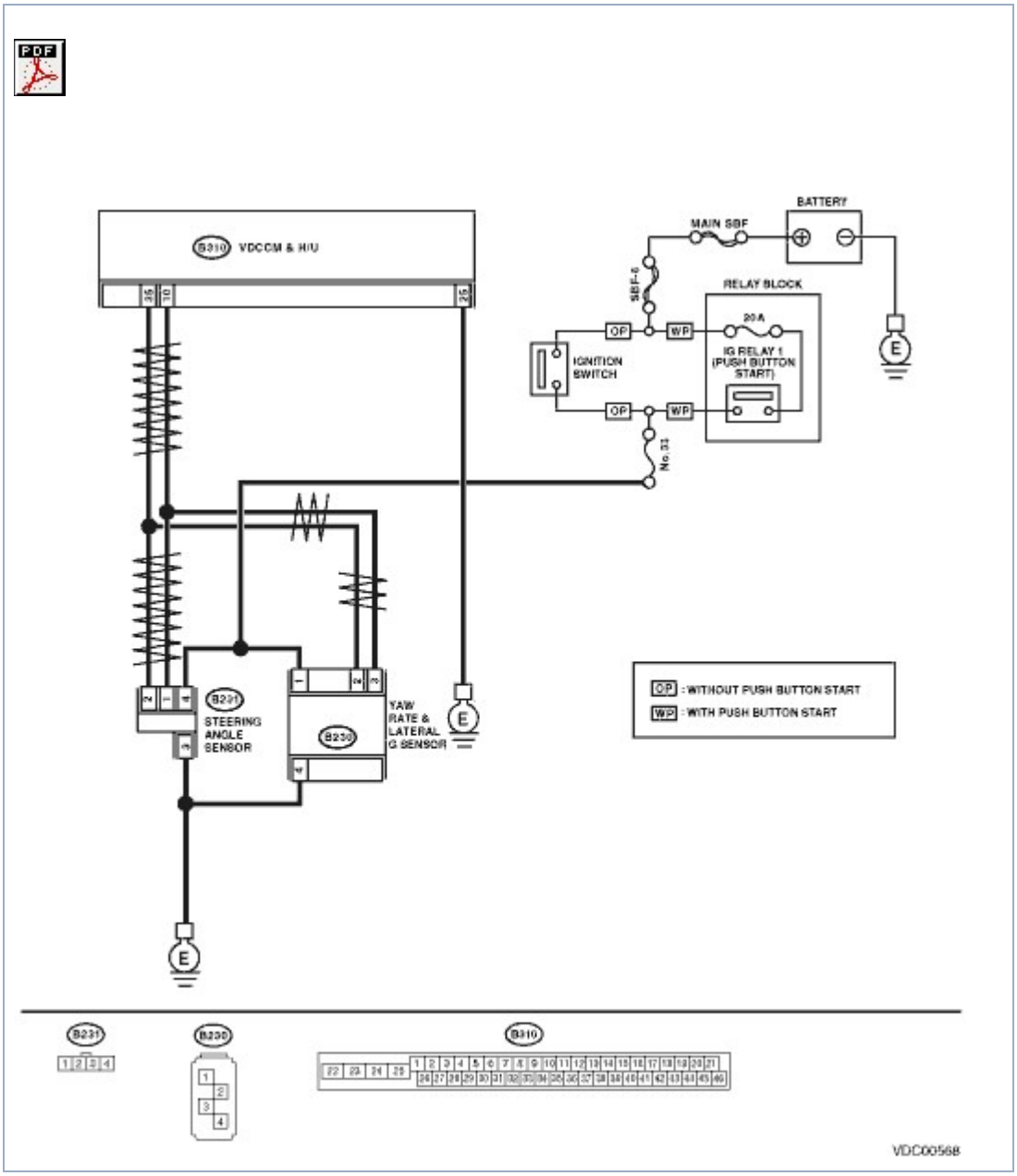
Communication error between yaw rate sensor and VDCCM

TROUBLE SYMPTOM:

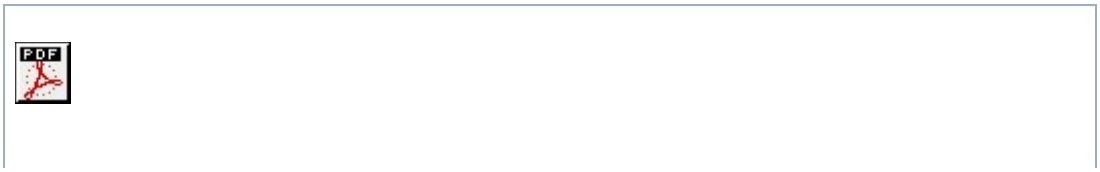
- ABS does not operate.
- VDC does not operate.

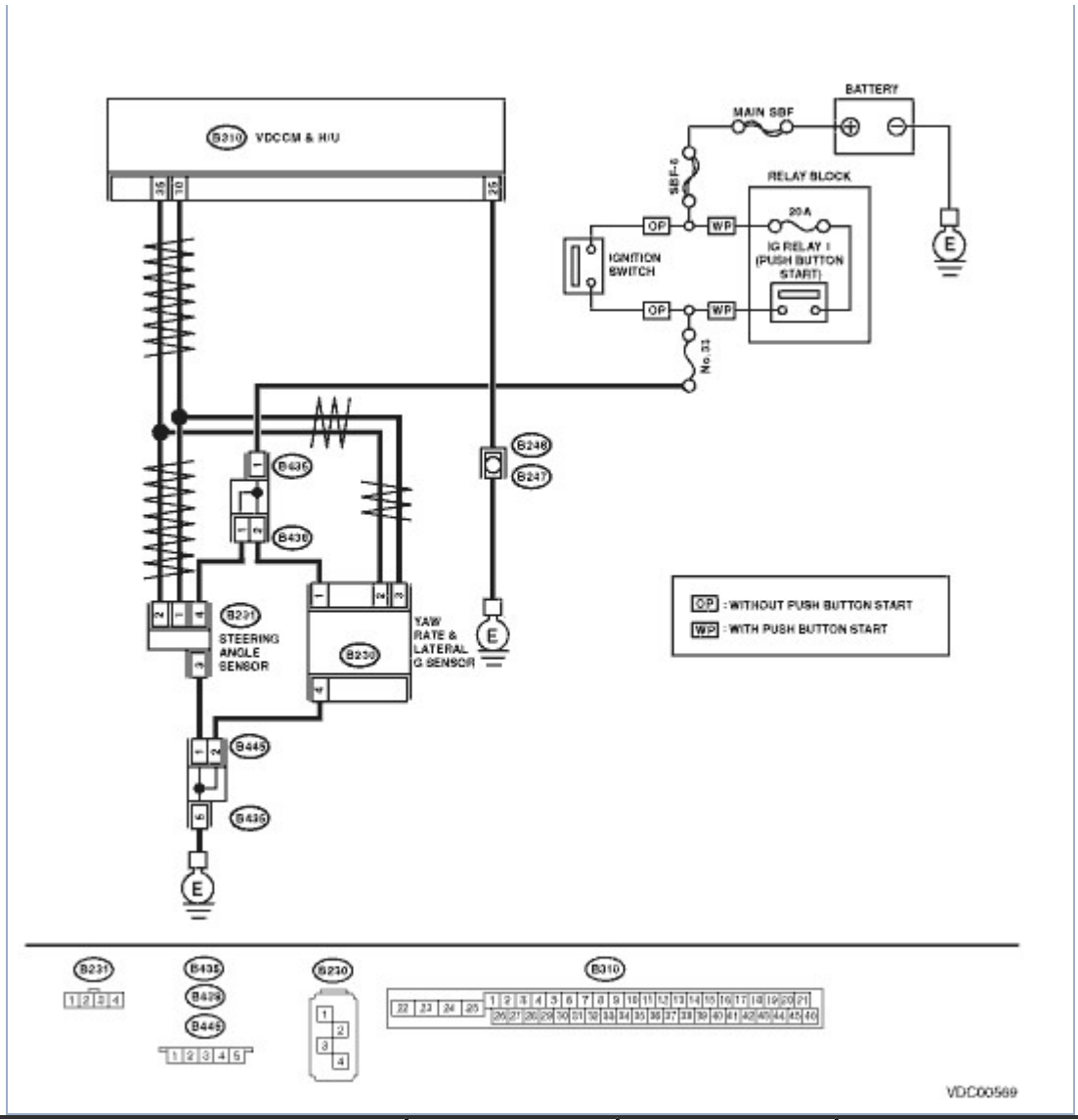
WIRING DIAGRAM:

- LHD model



- RHD model





STEP	CHECK	YES	NO
1.CHECK POWER SUPPLY FOR YAW RATE & LATERAL G SENSOR. 1) Turn the ignition switch to OFF. 2) Disconnect the connector from yaw rate & lateral G sensor. 3) Turn the ignition switch to ON. 4) Measure the voltage between yaw rate & lateral G sensor and chassis ground. **Connector & terminal** (B230) No. 1 (+) — Chassis ground (−):	Is the voltage 10 — 15 V?		Repair the yaw rate & lateral G sensor power supply circuit.
2.CHECK YAW RATE & LATERAL G SENSOR GROUND CIRCUIT. Measure the resistance between the yaw rate & lateral G sensor and chassis ground. **Connector & terminal**	Is the resistance less than 0.5 Ω?		Repair the yaw rate & lateral G sensor ground circuit.

STEP	CHECK	YES	NO
(B230) No. 4 — Chassis ground:			
3.CHECK YAW RATE & LATERAL G SENSOR HARNESS. 1) Disconnect the connector from the VDCCM&H/U. 2) Measure the resistance between VDCCM& H/U and yaw rate & lateral G sensor. **Connector & terminal** (B230) No. 3 — (B310) No. 10: (B230) No. 2 — (B310) No. 35:	Is the resistance less than 0.5 Ω?		Repair the harness between yaw rate & lateral G sensor and VDCCM& H/U.
4.CHECK GROUND SHORT CIRCUIT FOR YAW RATE & LATERAL G SENSOR HARNESS. Measure the resistance between the yaw rate & lateral G sensor and chassis ground. **Connector & terminal** (B230) No. 2 — Chassis ground: (B230) No. 3 — Chassis ground:	Is the resistance 1 MΩ or more?		Repair the harness between yaw rate & lateral G sensor and VDCCM&H/U.
5.CHECK YAW RATE & LATERAL G SENSOR. 1) Turn the ignition switch to OFF. 2) Connect all the connectors. 3) Clear the memory. 4) Perform the Inspection Mode. 5) Read the DTC.	Is the same DTC displayed?		
6.CHECK YAW RATE & LATERAL G SENSOR. 1) Turn the ignition switch to OFF. 2) Replace the yaw rate & lateral G sensor. 3) Clear the memory. 4) Perform the Inspection Mode. 5) Read the DTC.	Is the same DTC displayed?	Replace the VDCCM only.	
7.CHECK OTHER DTC DETECTION.	Is any other DTC displayed?	Perform the diagnosis according to DTC.	Temporary poor contact occurs.
8.CHECK OTHER DTC DETECTION.	Is any other DTC displayed?	Perform the diagnosis according to DTC.	Malfunction is found in original yaw rate & lateral G sensor.