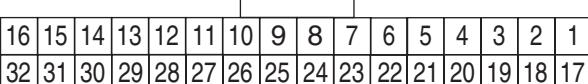


Driver's Control Center Differential (DCCD) Control Module I/O Signal

MANUAL TRANSMISSION AND DIFFERENTIAL (DIAGNOSTICS)

5. Driver's Control Center Differential (DCCD) Control Module I/O Signal

A: ELECTRICAL SPECIFICATION

| TO B380 | | | | | | | | | | | | | | | |
|--|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
|  | | | | | | | | | | | | | | | |
| 16 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
| 32 | 31 | 30 | 29 | 28 | 27 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 |

MT-01684

| Check with ignition switch ON. | | | | | |
|---|---|------------------|--|---------------|----------------|
| Item | Measured terminal (Connector & Terminal No.) | | Measuring condition | Voltage (V) | Resistance (Ω) |
| | Positive terminal | Ground terminal | | | |
| DCCD output | (B380) No. 15 | (B380) No. 32 | When differential is locked (when DCCD manual mode display is locked) | 5.5 — 8.0 | 1.2 — 2.5 |
| | | | When differential is free (When the parking brake is pulled) | Less than 0.5 | |
| DCCD power supply | (B380) No. 13 | Chassis ground | Ignition switch ON | 10 — 13 | — |
| | (B380) No. 14 | | | — | — |
| Backup power supply | (B380) No. 12 | Chassis ground | — | 10 — 13 | — |
| Ignition power supply | (B380) No. 11 | Chassis ground | Ignition switch ON | 10 — 13 | — |
| DCCD relay | (B380) No. 7 | Chassis ground | Ignition switch ON | Less than 1.0 | — |
| Mode change switch | (B380) No. 6 | Chassis ground | When the switch is not pressed | 8.0 or more | — |
| | | | When the switch is pressed | Less than 1 | — |
| Rear differential oil temperature switch | (B380) No. 5 | Chassis ground | When the rear differential switch is ON | 0.4 or more | — |
| | | | When the rear differential switch is OFF | Less than 8.0 | — |
| CAN communication signal (+) | (B380) No. 2 | Chassis ground | Ignition switch ON | Pulse signal | — |
| CAN communication signal (-) | (B380) No. 18 | Chassis ground | Ignition switch ON | Pulse signal | — |
| Data link signal (Subaru Select Monitor) | (B380) No. 1 | Chassis ground | — | — | — |

Driver's Control Center Differential (DCCD) Control Module I/O Signal

MANUAL TRANSMISSION AND DIFFERENTIAL (DIAGNOSTICS)

| Check with ignition switch ON. | | | | | |
|--------------------------------|---|-----------------|---|-------------|----------------|
| Item | Measured terminal (Connector & Terminal No.) | | Measuring condition | Voltage (V) | Resistance (Ω) |
| | Positive terminal | Ground terminal | | | |
| System ground circuit | (B380) No. 28 | Chassis ground | — | 0 | Less than 1.0 |
| | (B380) No. 29 | Chassis ground | | | |
| | (B380) No. 30 | Chassis ground | | | |
| | (B380) No. 31 | Chassis ground | | | |
| System ground circuit | (B380) No. 17 | Chassis ground | — | 0 | Less than 1.0 |
| Up switch | (B380) No. 22 | Chassis ground | When the switch is not pressed/ is pressed | 8.0/1.0 | |
| Down switch | (B380) No. 4 | Chassis ground | When the switch is not pressed/ is pressed | 8.0/1.0 | |

B: WIRING DIAGRAM

Refer to "WIRING SYSTEM". <Ref. to WI-72, Driver's Control Center Differential Control System.>