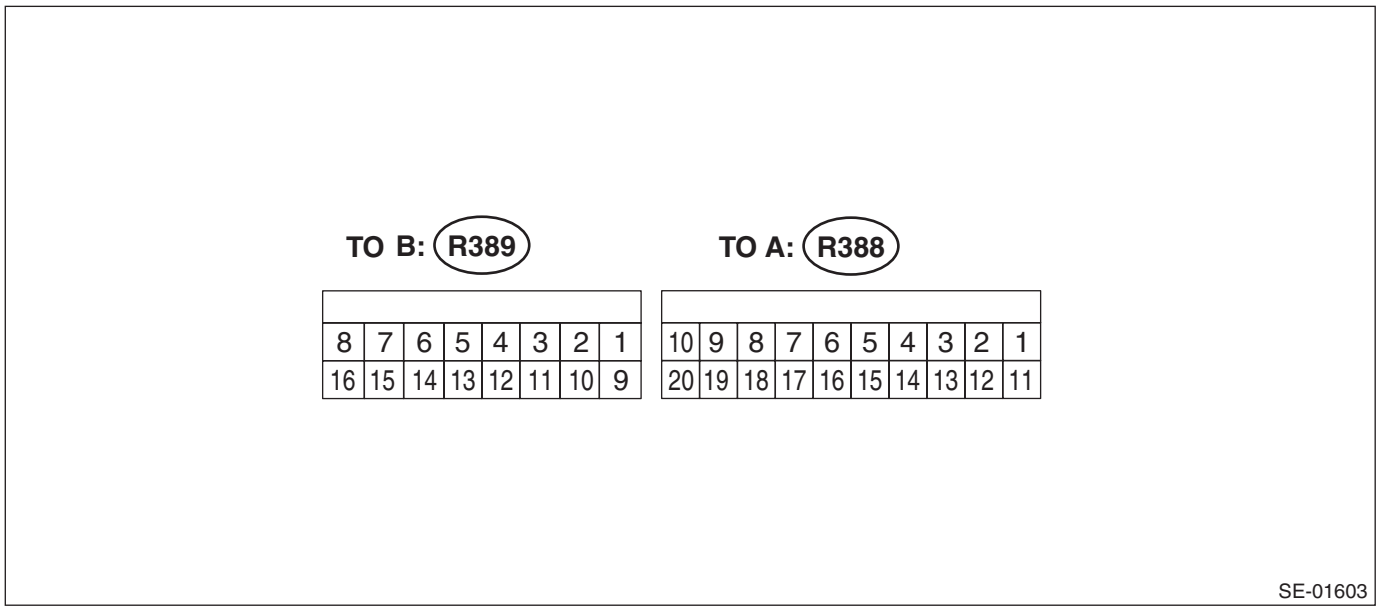
5. Control Module I/O Signal

A: ELECTRICAL SPECIFICATION

1. POWER SEAT CONTROL MODULE



Terminal No. (terminal symbol)	Item	Measuring condition	Standard
(R388) No. 2 (DOW)	Lifter SW (down)	SW ON	1.5 V or less
(R388) No. 3 (UP)	Lifter SW (up)	SW ON	1.5 V or less
(R388) No. 4 (DOWN)	Tilt SW (down)	SW ON	1.5 V or less
(R388) No. 5 (UP)	Tilt SW (up)	SW ON	1.5 V or less
(R388) No. 7 (FR)	Slide SW (forward)	SW ON	1.5 V or less
(R388) No. 6 (RR)	Slide SW (rearward)	SW ON	1.5 V or less
(R388) No. 9 (FR)	Reclining SW (forward)	SW ON	1.5 V or less
(R388) No. 8 (RR)	Reclining SW (rearward)	SW ON	1.5 V or less
(R388) No. 10 (+B) ←→ Chassis ground	Voltage	Always	10.5 — 16 V
(R388) No. 11 (IGN) ←→ Chassis ground	Voltage	When IG is ON	10.5 — 16 V
(R388) No. 12 (LIN)	—	Unmeasurable	Communication line
(R388) No. 13 (SW1)	Memory SW1	SW ON	1.5 V or less
(R388) No. 14 (SW2)	Memory SW2	SW ON	1.5 V or less
(R388) No. 15 (SET)	Memory SW SET	SW ON	1.5 V or less
(R388) No. 16 (PULS)	Reclining pulse signal	When the motor is in operation	Pulse output
(R388) No. 17 (PULS)	Tilt pulse signal	When the motor is in operation	Pulse output
(R388) No. 18 (PULS)	Lifter pulse signal	When the motor is in operation	Pulse output
(R388) No. 19 (PULS)	Slide pulse signal	When the motor is in operation	Pulse output
(R388) No. 20 (PULS GND)	GND for all pulse circuits	Always	1 Ω or less
(R389) No. 1 (UP)	Lifter motor up	When the motor is in operation	10.5 — 16 V
(R389) No. 2 (DOW)	Lifter motor down	When the motor is in operation	10.5 — 16 V
(R389) No. 3 (+B) ←→ Chassis ground	Voltage	Always	10.5 — 16 V
(R389) No. 4 (UP)	Tilt motor up	When the motor is in operation	10.5 — 16 V
(R389) No. 5 (DOWN)	Tilt motor down	When the motor is in operation	10.5 — 16 V
(R389) No. 6 (FR)	Reclining motor forward	When the motor is in operation	10.5 — 16 V
(R389) No. 7 (RR)	Reclining motor rearward	When the motor is in operation	10.5 — 16 V
(R389) No. 8 (+B) ←→ Chassis ground	Voltage	Always	10.5 — 16 V
(R389) No. 12 (GND) ←→ Chassis ground	Resistance	Always	1 Ω or less

Terminal No. (terminal symbol)	Item	Measuring condition	Standard
(R389) No. 14 (GND) ←→ Chassis ground	Resistance	Always	1 Ω or less
(R389) No. 15 (RR)	Slide motor rearward	When the motor is in operation	10.5 — 16 V
(R389) No. 16 (FR)	Slide motor forward	When the motor is in operation	10.5 — 16 V

B: WIRING DIAGRAM

Refer to “Power Seat System” in the wiring diagram. <Ref. to WI-230, WIRING DIAGRAM, Power Seat System.>