

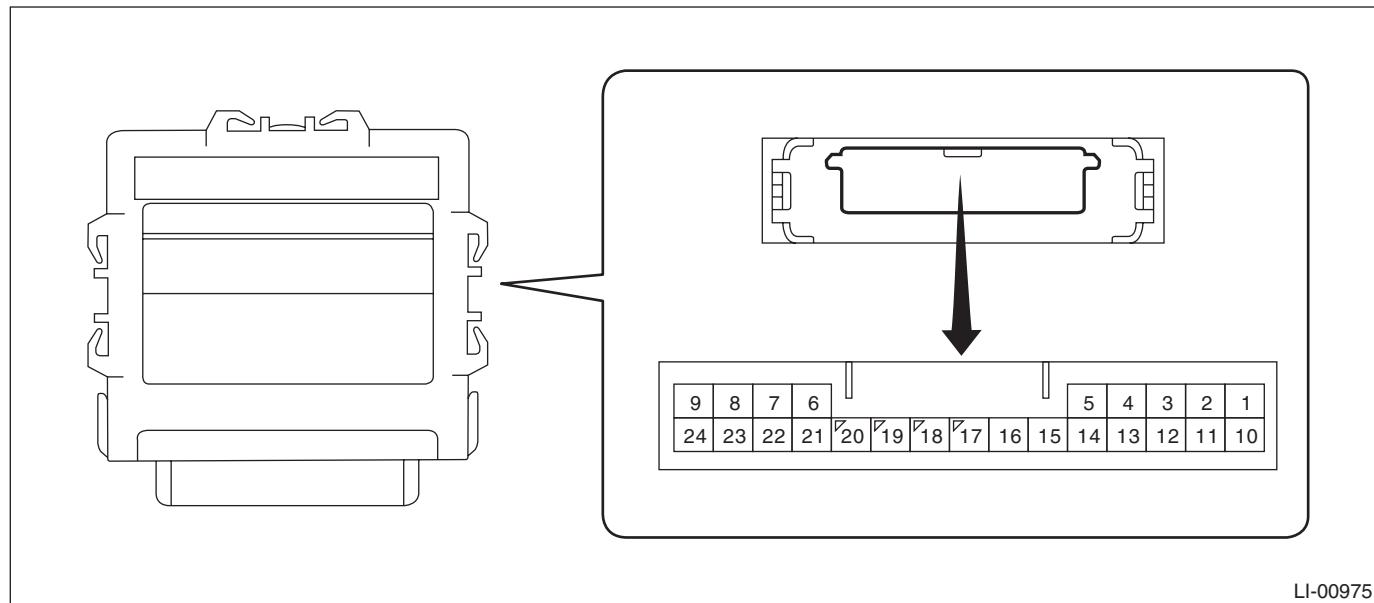
Control Module I/O Signal

AUTO HEADLIGHT BEAM LEVELER SYSTEM (DIAGNOSTICS)

5. Control Module I/O Signal

A: ELECTRICAL SPECIFICATION

1. AUTO HEADLIGHT BEAM LEVELER CM



Description	Terminal No.	Measuring condition	Standard
IG power supply	1 \leftrightarrow Chassis ground	Ignition switch ON	8 — 16 V
GND	2 \leftrightarrow Chassis ground	Always	Less than 1 Ω
Rr vehicle height sensor GND	3 \leftrightarrow Chassis ground	Always	Less than 1 Ω
Indicator output	6 \leftrightarrow Chassis ground	After turning the ignition switch to ON, for 3 seconds (warning light on) \rightarrow after 3 seconds (warning light off)	Less than 1.35 V \rightarrow 8 — 16 V
Leveling actuator power supply	10 \leftrightarrow Chassis ground	Ignition switch ON	10 — 16 V
Leveling actuator GND	11 \leftrightarrow Chassis ground	Always	Less than 1 Ω
Rr vehicle height sensor power supply	12 \leftrightarrow 3	Ignition switch ON	4.75 — 5.25 V
Leveling actuator signal	17 \leftrightarrow Chassis ground	Headlight off \rightarrow on Headlight on, no vehicle height change \rightarrow change and hold vehicle height for 3 seconds or more	Less than 1 V \rightarrow 1.0 — 14.4 V (for 17 seconds)
Rr sensor signal	19 \leftrightarrow Chassis ground	IG ON (with no passenger, no load and vehicle stopped)	Approx. 2.5 V (changes according to vehicle condition)
CAN-H	23	Cannot be measured (CAN communication line)	—
CAN-L	24	Cannot be measured (CAN communication line)	—

B: WIRING DIAGRAM

Refer to "Headlight Beam Leveler System" in the wiring diagram. <Ref. to WI-254, WIRING DIAGRAM, Headlight Beam Leveler System.>