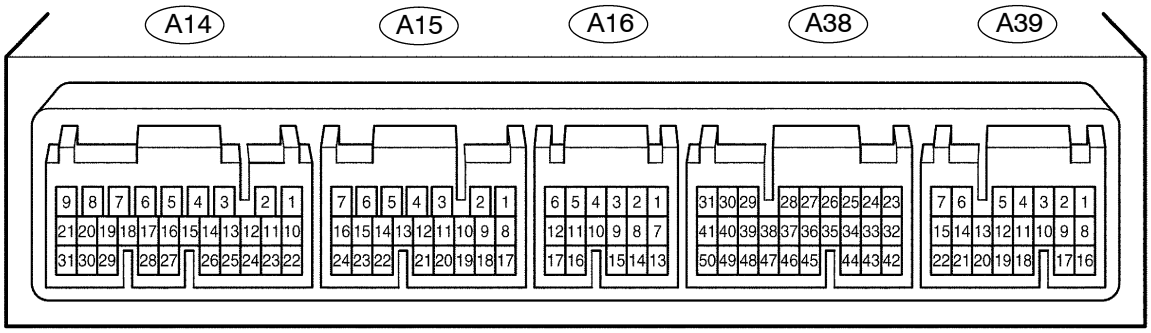
05I3N–01

TERMINALS OF ECU

Air Conditioning Amplifier Connector Front View:



P

I20955

Symbols (Terminal No.)	Wiring color	Terminal Description	Condition	Specification
GND – Body ground (A14–1 – Body ground)	W–B – Body ground	Ground for main power supply	Always	Below 1.0 Ω
MPX+ (A14–2)	GR–B	Multiplex communication system	Multiplex communication circuit	–
ACC – GND (A14–3 – A14–1)	GR – W–B	Power source (ACC)	Turn ignition switch to ACC.	10 to 14 V
MPX– (A14–4)	GR–B	Multiplex communication system	Multiplex communication circuit	–
BLW – GND (A14–5 – A14–1)	LG–B – W–B	Blower motor speed control voltage	Blower fan speed OFF → M2 → HI	Pulse generation
SOL+ – SOL– *2, *3 (A14–6 – A14–7)	P – Y–B	Compressor operation signal	A/C magnetic clutch to ON.	Pulse generation
RDFGR – GND (A14–8 – A14–1)	W – W–B	Rear defogger operation voltage	Ignition switch ON. Rear defogger switch to OFF.	10 to 14 V
RDFGR – GND (A14–8 – A14–1)	W – W–B	Rear defogger operation voltage	Ignition switch ON. Rear defogger switch to ON.	Below 1.0 V
IG – GND (A14–9 – A14–1)	LG–R – W–B	Power source (IG)	Ignition switch ON.	10 to 14 V
IG – GND (A14–9 – A14–1)	LG–R – W–B	Power source (IG)	Ignition switch OFF.	0 V
TSDr – GND (A14–19 – A14–1)	L – W–B *1 G–R – W–B *2	Solar sensor signal (Driver side)	Ignition switch ON. Solar sensor subjected to electric light.	0.8 to 4.3 V
TSDr – GND (A14–19 – A14–1)	L – W–B *1 G–R – W–B *2	Solar sensor signal (Driver side)	Ignition switch ON. Solar sensor covered by a cloth.	Below 0.8 V
TSPa – GND (A14–20 – A14–1)	G–R – W–B *1 L – W–B *2	Solar sensor signal (Passenger side)	Ignition switch ON. Solar sensor subjected to electric light.	0.8 to 4.3 V
TSPa – GND (A14–20 – A14–1)	G–R – W–B *1 L – W–B *2	Solar sensor signal (Passenger side)	Ignition switch ON. Solar sensor covered by a cloth.	Below 0.8 V
+B – GND (A14–21 – A14–1)	B–Y – W–B *1 W–R – W–B *2	Power source (Back–up)	Always	10 to 14 V
DGS – SG–1 *2,*3 (A14–29 – A16–8)	BR–R – Y B – Y	Exhaust gas sensor signal	After 30 seconds from Ignition switch ON and the sensor is exposed to the exhaust gas.	1.0 to 4.5 V
DS1 – GND (A15–1 – A14–1)	V – W–B *1 R–B – W–B *2	Swing grill step motor signal	Ignition switch ON. Blower motor: Operating Mode selector: BI–LEVEL Intelligent swing register: ON	Pulse generation

Symbols (Terminal No.)	Wiring color	Terminal Description	Condition	Specification
DS2 – GND (A15–2 – A14–1)	G – W–B *1 B – W–B *2	Swing grill step motor signal	Ignition switch ON. Blower motor: Operating Mode selector: BI–LEVEL Intelligent swing register: ON	Pulse generation
PS1 – GND (A15–3 – A14–1)	R–B – W–B *1 V – W–B *2	Swing grill step motor signal	Ignition switch ON. Blower motor: Operating Mode selector: BI–LEVEL Intelligent swing register: ON	Pulse generation
PS2 – GND (A15–4 – A14–1)	B – W–B *1 G – W–B *2	Swing grill step motor signal	Ignition switch ON. Blower motor: Operating Mode selector: BI–LEVEL Intelligent swing register: ON	Pulse generation
PS3 – GND (A15–5 – A14–1)	P – W–B *1 B–R – W–B *2	Swing grill step motor signal	Ignition switch ON. Blower motor: Operating Mode selector: BI–LEVEL Intelligent swing register: ON	Pulse generation
PS4 – GND (A15–6 – A14–1)	Y–R – W–B *1 G–B – W–B *2	Swing grill step motor signal	Ignition switch ON. Blower motor: Operating Mode selector: BI–LEVEL Intelligent swing register: ON	Pulse generation
DUAL – DrGND (A15–7 – A15–11)	O – LG–R	Dual temperature control signal	Ignition switch ON. Dual switch ON.	Below 1.0 V
DUAL – DrGND (A15–7 – A15–11)	O – LG–R	Dual temperature control signal	Ignition switch ON. Dual switch OFF.	10 to 14 V
DS3 – GND (A15–8 – A14–1)	B–R – W–B *1 P – W–B *2	Swing grill step motor signal	Ignition switch ON. Blower motor: Operating Mode selector: BI–LEVEL Intelligent swing register: ON	Pulse generation
DS4 – GND (A15–9 – A14–1)	G–B – W–B *1 Y–R – W–B *2	Swing grill step motor signal	Ignition switch ON. Blower motor: Operating Mode selector: BI–LEVEL Intelligent swing register: ON	Pulse generation
DUIND+ – DUIND– (A15–10 – A15–13)	G–R – B–W	Driver temperature and passenger temperature communication signal	Driver temperature and passenger temperature are different.	5 to 14 V
DUIND+ – DUIND– (A15–10 – A15–13)	G–R – B–W	Driver temperature and passenger temperature communication signal	Driver temperature and passenger temperature are the same.	Below 1.0 V
S5–2 – SG–5 (A15–15 – A16–12)	V–R – LG *1 V–R – B *2	Pressure sensor operation voltage	Ignition switch ON.	4.5 to 5.5 V
S5–4 – TSRr *5 (A15–16 – A14–30)	GR – W–L *5	Rear solar sensor signal	Ignition switch ON. Rear solar sensor subjected to electric light.	0.8 to 4.3 V
S5–4 – TSRr *5 (A15–16 – A14–30)	GR – W–L *5	Rear solar sensor signal	Ignition switch ON. Rear solar sensor covered by a cloth.	Below 1.0 V
PRS – SG–5 (A15–17 – A16–12)	V – LG *1 L–O – B *2	Pressure sensor signal	Refrigerant pressure 0 Mpa (0 kgf·cm, 0 psi).	0.5 V
PRS – SG–5 (A15–17 – A16–12)	V – LG *1 L–O – B *2	Pressure sensor signal	Refrigerant pressure 2.9 Mpa (30 kgf·cm, 427 psi).	4.5 V
TAMOUT – GND *4 (A15–18 – A14–1)	L – W–B	Vehicle speed signal	Ignition switch ON.	Pulse generation
PaDN – PaGND (A15–19 – A15–12)	R–W – Y–R *1 R–W – GR–L *2	Temperature control switch signal (Passenger side)	Push passenger temperature switch OFF.	10 to 14 V
PaDN – PaGND (A15–19 – A15–12)	R–W – Y–R *1 R–W – GR–L *2	Temperature control switch signal (Passenger side)	Push passenger temperature switch ON.	Below 1.0 V
PaUP – PaGND (A15–20 – A15–12)	R–W – Y–R *1 W – GR–L *2	Temperature control switch signal (Passenger side)	Push passenger temperature switch OFF.	10 to 14 V

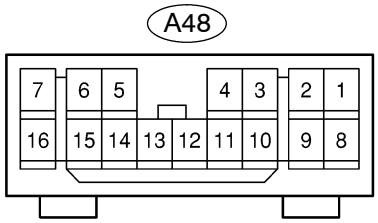
Symbols (Terminal No.)	Wiring color	Terminal Description	Condition	Specification
PaUP – PaGND (A15–20 – A15–12)	W – Y–R *1 W – GR–L *2	Temperature control switch signal (Passenger side)	Push passenger temperature switch ON.	Below 1.0 V
DrDN – DrGND (A15–21 – A15–11)	P–L – LG–R	Temperature control switch signal (Driver side)	Push driver temperature switch OFF.	10 to 14 V
DrDN – DrGND (A15–21 – A15–11)	P–L – LG–R	Temperature control switch signal (Driver side)	Push driver temperature switch ON.	Below 1.0 V
DrUP – DrGND (A15–22 – A15–11)	V–W – LG–R	Temperature control switch signal (Driver side)	Push driver temperature switch OFF.	10 to 14 V
DrUP – DrGND (A15–22 – A15–11)	V–W – LG–R	Temperature control switch signal (Driver side)	Push driver temperature switch ON.	Below 1.0 V
PS+B – GND (A15–24 – A14–1)	R–G – W–B	Swing grill step motor operation voltage	Always	10 to 14 V
TFACEPa – SG–4 (A16–14 – A16–11)	B–Y – Y–G *1 GR–R – R–W *2	Duct sensor signal (Passenger side)	Ignition switch ON. Passenger side duct sensor temperature 25 ˚C (77 ˚F).	1.8 to 2.2 V
TFACEPa – SG–4 (A16–14 – A16–11)	B–Y – Y–G *1 GR–R – R–W *2	Duct sensor signal (Passenger side)	Ignition switch ON. Passenger side duct sensor temperature 50 ˚C (122 ˚F).	0.8 to 1.2 V
TFACEDr – SG–3 (A16–15 – A16–10)	GR–R – R–W *1 GR–L – Y–G *2	Duct sensor signal (Driver side)	Ignition switch ON. Passenger side duct sensor temperature 25 ˚C (77 ˚F).	1.8 to 2.2 V
TFACEDr – SG–3 (A16–15 – A16–10)	GR–R – R–W *1 GR–L – Y–G *2	Duct sensor signal (Driver side)	Ignition switch ON. Passenger side duct sensor temperature 50 ˚C (122 ˚F).	0.8 to 1.2 V
TR – SG–2 (A16–16 – A16–9)	W–L – Y–B	Room temperature sensor signal	Ignition switch ON. Room temperature 25 ˚C (77 ˚F).	1.8 to 2.2 V
TR – SG–2 (A16–16 – A16–9)	W–L – Y–B	Room temperature sensor signal	Ignition switch ON. Room temperature 40 ˚C (104 ˚F).	0.8 to 1.2 V
NOX – Body ground *2,*3 (A16–17 – Body ground)	L–B – Body ground	Exhaust gas sensor signal	After 120 seconds from Ignition switch ON and the sensor is exposed to the exhaust gas.	1.0 to 4.5 V
AMDr1 – GND (A39–1 – A14–1)	BR – W–B	Air mix servomotor operation signal (Driver side)	During actuator check mode. Change display code 0 to display code 9.	Pulse generation
AMDr2 – GND (A39–2 – A14–1)	BR–B – W–B	Air mix servomotor operation signal (Driver side)	During actuator check mode. Change display code 0 to display code 9.	Pulse generation
AMDr3 – GND (A39–3 – A14–1)	BR–W – W–B	Air mix servomotor operation signal (Driver side)	During actuator check mode. Change display code 0 to display code 9.	Pulse generation
AMDr4 – GND (A39–4 – A14–1)	BR–Y – W–B	Air mix servomotor operation signal (Driver side)	During actuator check mode. Change display code 0 to display code 9.	Pulse generation
AODr1 – GND (A39–5 – A14–1)	L – W–B	Air outlet servomotor operation signal (Driver side)	During actuator check mode. Change display code 0 to display code 9.	Pulse generation
AODr2 – GND (A39–6 – A14–1)	L–B – W–B	Air outlet servomotor operation signal (Driver side)	During actuator check mode. Change display code 0 to display code 9.	Pulse generation
WVS – GND (A39–7 – A14–1)	G–W – W–B	Water valve servomotor operation signal	Ignition switch ON. Set temperature control to MAX. COOL	Below 1.0 V
WVS – GND (A39–7 – A14–1)	G–W – W–B	Water valve servomotor operation signal	Ignition switch ON. Set temperature control to MAX. HOT	10 to 14 V
ABOPa – GND (A39–8 – A14–1)	G–B – W–B	Cool air bypass servomotor operation signal (Passenger side)	During actuator check mode. Display code 0.	10 to 14 V
ABOPa – GND (A39–8 – A14–1)	G–B – W–B	Cool air bypass servomotor operation signal (Passenger side)	Display code 9.	Below 1.0 V

Symbols (Terminal No.)	Wiring color	Terminal Description	Condition	Specification
ABSPa – GND (A39–9 – A14–1)	G–O – W–B	Cool air bypass servomotor operation signal (Passenger side)	During actuator check mode. Display code 0.	Below 1.0 V
ABSPa – GND (A39–9 – A14–1)	G–O – W–B	Cool air bypass servomotor operation signal (Passenger side)	Display code 9.	10 to 14 V
AMDB – GND (A39–10 – A14–1)	R–B – W–B	Air mix servomotor operation voltage (Driver side)	Always	10 to 14 V
AODr3 – GND (A39–12 – A14–1)	L–W – W–B	Air outlet servomotor operation signal (Driver side)	During actuator check mode. Change display code 0 to display code 9.	Pulse generation
AODr4 – GND (A39–13 – A14–1)	L–R – W–B	Air outlet servomotor operation signal (Driver side)	During actuator check mode. Change display code 0 to display code 9.	Pulse generation
WVIG – GND (A39–14 – A14–1)	O – W–B	Water valve servomotor operation voltage	Ignition switch ON.	10 to 14 V
WVIG – GND (A39–14 – A14–1)	O – W–B	Water valve servomotor operation voltage	Ignition switch OFF.	0 V
WVO – GND (A39–15 – A14–1)	G – W–B	Water valve servomotor operation signal	Ignition switch ON. Set temperature control to MAX. COOL.	10 to 14 V
WVO – GND (A39–15 – A14–1)	G – W–B	Water valve servomotor operation signal	Ignition switch ON. Set temperature control to MAX. HOT.	Below 1.0 V
ABODr – GND (A39–16 – A14–1)	GR – W–B	Cool air bypass servomotor operation signal (Driver side)	During actuator check mode. Display code 0.	10 to 14 V
ABODr – GND (A39–16 – A14–1)	GR – W–B	Cool air bypass servomotor operation signal (Driver side)	Display code 9.	Below 1.0 V
ABSDr – GND (A39–17 – A14–1)	GR–R – W–B	Cool air bypass servomotor operation signal (Driver side)	During actuator check mode. Display code 0.	Below 1.0 V
ABSDr – GND (A39–17 – A14–1)	GR–R – W–B	Cool air bypass servomotor operation signal (Driver side)	Display code 9.	10 to 14 V
S5–3 – SG (A39–18 – A39–19)	R–W – W–B	Air inlet damper position sensor signal	Ignition switch ON.	4.5 to 5.5 V
TPI – SG (A39–20 – A39–19)	B–Y – W–B	Air inlet damper position sensor signal	Ignition switch ON. Push REC switch.	4.0 V
TPI – SG (A39–20 – A39–19)	B–Y – W–B	Air inlet damper position sensor signal	Ignition switch ON. Push FRESH switch.	1.0 V
TPBPa – SG *1 TPBPa – SG–7 *2 (A39–21 – A39–19) *1 (A39–21 – A38–15) *2	B–L – W–B *1 B–L – W–L *2	Cool air bypass servomotor operation signal (Passenger side)	Change display code 9 to display code 0.	3.5 to 4.5 V
TPBPa – SG *1 TPBPa – SG–7 *2 (A39–21 – A39–19) *1 (A39–21 – A38–15) *2	B–L – W–B *1 B–L – W–L *2	Cool air bypass servomotor operation signal (Passenger side)	Change display code 2 to display code 3.	0.5 to 1.8 V
AODB – GND (A39–22 – A14–1)	R–Y – W–B	Air outlet servomotor operation voltage (Driver side)	Always	10 to 14 V
AMPa1 – GND (A38–1 – A14–1)	LG – W–B	Air mix servomotor operation signal (Passenger side)	During actuator check mode. Change display code 0 to display code 9.	Pulse generation
AMPa2 – GND (A38–2 – A14–1)	LG–B – W–B	Air mix servomotor operation signal (Passenger side)	During actuator check mode. Change display code 0 to display code 9.	Pulse generation
AMPa3 – GND (A38–3 – A14–1)	LG–W – W–B	Air mix servomotor operation signal (Passenger side)	During actuator check mode. Change display code 0 to display code 9.	Pulse generation

Symbols (Terminal No.)	Wiring color	Terminal Description	Condition	Specification
AMPa4 – GND (A38–4 – A14–1)	LG–R – W–B	Air mix servomotor operation signal (Passenger side)	During actuator check mode. Change display code 0 to display code 9.	Pulse generation
AOPa1 – GND (A38–5 – A14–1)	P – W–B	Air outlet servomotor operation signal (Passenger side)	During actuator check mode. Change display code 0 to display code 9.	Pulse generation
AOPa2 – GND (A38–6 – A14–1)	P–B – W–B	Air outlet servomotor operation signal (Passenger side)	During actuator check mode. Change display code 0 to display code 9.	Pulse generation
AOPa3 – GND (A38–7 – A14–1)	P–G – W–B	Air outlet servomotor operation signal (Passenger side)	During actuator check mode. Change display code 0 to display code 9.	Pulse generation
AOPa4 – GND (A38–9 – A14–1)	P–L – W–B	Air outlet servomotor operation signal (Passenger side)	During actuator check mode. Change display code 0 to display code 9.	Pulse generation
S5–5 – SG–7 *1 (A38–11 – A38–15)	R – W–L	Cool air bypass damper position sensor signal (Driver side)	Ignition switch ON.	4.5 to 5.5 V
S5–5 – SG–7 *2 (A38–11 – A38–15)	R – W–L	Cool air bypass damper position sensor signal (Passenger side)	Ignition switch ON.	4.5 to 5.5 V
AMPB – GND (A38–13 – A14–1)	Y – W–B	Air mix servomotor operation voltage (Passenger side)	Always	10 to 14 V
AIF – SG (A38–16 – A39–19)	G–R – W–B	Air inlet damper position sensor signal	Ignition switch ON. Push REC switch.	Below 1.0 V
AIF – SG (A38–16 – A39–19)	G–R – W–B	Air inlet damper position sensor signal	Ignition switch ON. Push FRESH switch.	10 to 14 V
AIF – SG (A38–16 – A39–19)	G–Y – W–B	Air inlet damper position sensor signal	Ignition switch ON. Push FRESH switch.	Below 1.0 V
AIF – SG (A38–16 – A39–19)	G–Y – W–B	Air inlet damper position sensor signal	Ignition switch ON. Push REC switch.	10 to 14 V
TE – SG–7 (A38–20 – A38–15)	L–Y – W–L	Evaporator temperature sensor signal	Ignition switch ON. Evaporator temperature 0 °C (32 °F).	2.0 to 2.4 V
TE – SG–7 (A38–20 – A38–15)	L–Y – W–L	Evaporator temperature sensor signal	Ignition switch ON. Evaporator temperature 15 °C (59 °F).	1.4 to 1.8 V
TPBDr – SG–7 *1 TPBDr – SG *2 (A38–24 – A38–15) *1 (A38–24 – A39–19) *2	B–R – W–L *1 B–R – W–B *2	Cool air bypass servomotor operation signal (Driver side)	Change display code 9 to display code 0.	3.5 to 4.5 V
TPBDr – SG–7 *1 TPBDr – SG *2 (A38–24 – A38–15) *1 (A38–24 – A39–19) *2	B–R – W–L *1 B–R – W–B *2	Cool air bypass servomotor operation signal (Driver side)	Change display code 2 to display code 3.	0.5 to 1.8 V
AOPB – GND (A38–26 – A14–1)	Y–R – W–B	Air outlet servomotor operation voltage (Passenger side)	Always	10 to 14 V

*1: LHD Models
*2: RHD Models
*3: LHD, Europe Models
*4: w/o LEXUS Navigation System
*5: w/ Rear A/C

Rear Air Conditioning Amplifier Connector Front View:

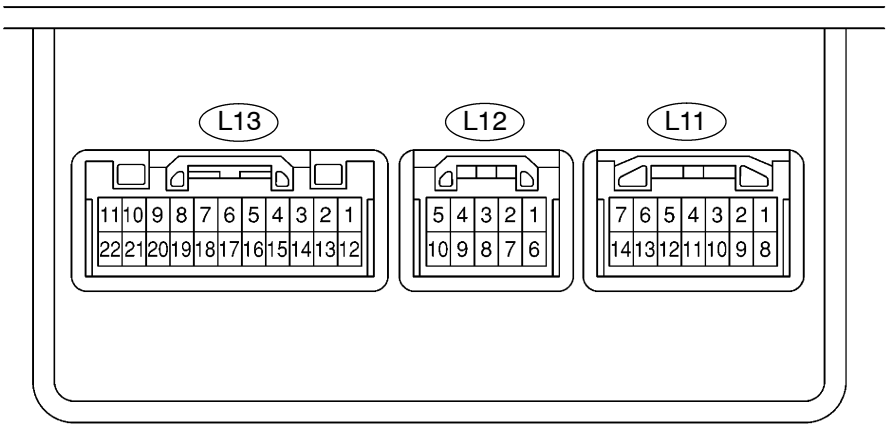


I20956

Symbols (Terminal No.)	Wiring color	Terminal Description	Condition	Specification
RLO – GND (A48–1 – A48–6)	Y – W–B	Rear blower switch signal	Ignition switch ON. Rear A/C blower switch manual OFF.	Below 1.0 V
RLO – GND (A48–1 – A48–6)	Y – W–B	Rear blower switch signal	Ignition switch ON. Rear A/C blower switch manual LO.	10 to 14 V
RSLO – GND (A48–2 – A48–6)	W–Y – W–B	Rear A/C switch signal	Ignition switch ON. Rear A/C switch OFF.	Below 1.0 V
RSLO – GND (A48–2 – A48–6)	W–Y – W–B	Rear A/C switch signal	Ignition switch ON. Rear A/C switch AUTO.	10 to 14 V
R–B – GND (A48–3 – A48–6)	L–W – W–B	Power source (Back–up)	Always	10 to 14 V
SFRS – GND (A48–4 – A48–6)	V – W–B	Rear air inlet control switch signal	Ignition switch ON. Front A/C blower motor operates. Push ”REC” switch.	10 to 14 V
SFRS – GND (A48–4 – A48–6)	V – W–B	Rear air inlet control switch signal	Ignition switch ON. Front A/C blower motor operates. Push ”FRS” switch. Ambient temperature below –1 °C	Below 1.0 V
RMGV – GND (A48–5 – A48–6)	G–Y – W–B	Rear A/C switch signal	Ignition switch ON. Rear A/C switch OFF.	10 to 14 V
RMGV – GND (A48–5 – A48–6)	G–Y – W–B	Rear A/C switch signal	Ignition switch ON. Rear A/C AUTO mode. Rear A/C switch ON.	Below 1.0 V
RHI – GND (A48–8 – A48–6)	L–R – W–B	Rear blower switch signal	Ignition switch ON. Rear A/C blower switch OFF.	Below 1.0 V
RHI – GND (A48–8 – A48–6)	L–R – W–B	Rear blower switch signal	Ignition switch ON. Rear A/C manual mode. Blower switch HI.	10 to 14 V
RAUTO – GND (A48–9 – A48–6)	W–L – W–B	Rear A/C AUTO switch signal	Ignition switch ON. Rear A/C manual mode	10 to 14 V
RAUTO – GND (A48–9 – A48–6)	W–L – W–B	Rear A/C AUTO switch signal	Ignition switch ON. Rear A/C AUTO mode	Below 1.0 V
IG – GND (A48–10 – A48–6)	B–R – W–B	Power source (IG)	Ignition switch ON.	10 to 14 V
DIO – GND (A48–12 – A48–6)	Y–B – W–B	Exhaust damper servomotor signal	Ignition switch ON. Front A/C blower motor operates. Rear A/C blower motor speed to HI. Rear A/C switch ON.	10 to 14 V
DIO – GND (A48–12 – A48–6)	Y–B – W–B	Exhaust damper servomotor signal	Ignition switch ON. Front A/C blower motor operates. Rear A/C blower motor speed to HI. Rear A/C switch OFF.	Below 1.0 V

Symbols (Terminal No.)	Wiring color	Terminal Description	Condition	Specification
EXO – GND (A48–13 – A48–6)	G–W – W–B	Exhaust damper servomotor signal	Ignition switch ON. Front A/C blower motor operates. Push "FRESH" switch. Rear AUTO mode. Rear A/C switch ON.	10 to 14 V
EXO – GND (A48–13 – A48–6)	G–W – W–B	Exhaust damper servomotor signal	Ignition switch ON. Front A/C blower motor operates. Push "FRESH" switch. Rear AUTO mode. Rear A/C switch OFF. Ambient temperature below –1 °C	Below 1.0 V
ROO – GND (A48–14 – A48–6)	L–B – W–B	Exhaust damper servomotor signal	Ignition switch ON. Front A/C blower motor operates. Rear A/C blower motor speed to HI. Rear A/C switch OFF.	10 to 14 V
ROO – GND (A48–14 – A48–6)	L–B – W–B	Exhaust damper servomotor signal	Ignition switch ON. Front A/C blower motor operates. Rear A/C blower motor speed to HI. Rear A/C switch ON.	Below 1.0 V
RFR1 – GND (A48–15 – A48–6)	G–B – W–B	Rear blower motor signal	Ignition switch ON. Rear A/C blower motor speed except to HI.	10 to 14 V
RFR1 – GND (A48–15 – A48–6)	G–B – W–B	Rear blower motor signal	Ignition switch ON. Rear A/C blower motor speed to HI.	Below 1.0 V
RFR1 – GND (A48–15 – A48–6)	G–B – W–B	Rear blower motor signal	During actuator check mode. Display code 0.	10 to 14 V
RFR1 – GND (A48–15 – A48–6)	G–B – W–B	Rear blower motor signal	Display code 2.	Below 1.0 V
RHR – GND (A48–16 – A48–6)	G–O – W–B	Rear blower motor signal	Ignition switch ON. Rear A/C manual mode. Rear A/C blower motor does not operate.	10 to 14 V
RHR – GND (A48–16 – A48–6)	G–O – W–B	Rear blower motor signal	Ignition switch ON. Rear A/C manual mode. Rear A/C blower motor speed LO or HI.	Below 1.0 V
RHR – GND (A48–16 – A48–6)	G–O – W–B	Rear blower motor signal	During actuator check mode. Display code 0.	10 to 14 V
RHR – GND (A48–16 – A48–6)	G–O – W–B	Rear blower motor signal	Display code 2.	Below 1.0 V

Luggage Room J/B ECU:



P I21179

Symbols (Terminal No.)	Wiring color	Terminal Description	Condition	Specification
RMGV – Body ground *1 (L13–11 – Body ground)	G – Body ground	Rear magnetic valve operation voltage	Ignition switch ON. Rear A/C switch to ON. Ignition switch ON. Rear A/C switch to OFF.	Below 1.0 V 10 to 14 V
SMOK – Body ground (L13–16 – Body ground)	L – Body ground	Smoke sensor operation signal	Ignition switch ON. Rear A/C switch to AUTO. By using cigarette smoke. Ignition switch ON. Rear A/C switch to AUTO. By not using cigarette smoke.	Above 4.0 V Below 1.0 V
AUTO – Body ground (L13–17 – Body ground)	W – Body ground	Auto switch signal	Ignition switch ON. Rear A/C rear seat AUTO indicator lights up. Ignition switch ON. Rear A/C rear seat AUTO indicator does not light up.	Below 1.0 V 10 to 14 V
RHR – Body ground (L13–18 – Body ground)	V – Body ground	Rear blower motor operation signal	Ignition switch ON. Rear A/C manual mode. Rear A/C blower motor does not operate. Ignition switch ON. Rear A/C manual mode. Rear A/C blower motor speed LO or HI. During actuator check mode. Display code 0. Display code 2.	10 to 14 V Below 1.0 V 10 to 14 V Below 1.0 V
RFR – Body ground (L13–19 – Body ground)	Y – Body ground	Rear blower motor operation signal	Ignition switch ON. Rear A/C blower motor speed to except HI. Ignition switch ON. Rear A/C blower motor speed to HI. During actuator check mode. Display code 0. Display code 2.	10 to 14 V Below 1.0 V 10 to 14 V Below 1.0 V
FRS – Body ground (L13–20 – Body ground)	B – Body ground	Exhaust damper servomotor operation signal	Ignition switch ON. Front A/C blower motor operates. Push ”FRS” switch. Ambient temperature below –1 °C Ignition switch ON. Front A/C blower motor operates. Push ”REC” switch.	10 to 14 V Below 1.0 V

*1: w/ Rear A/C