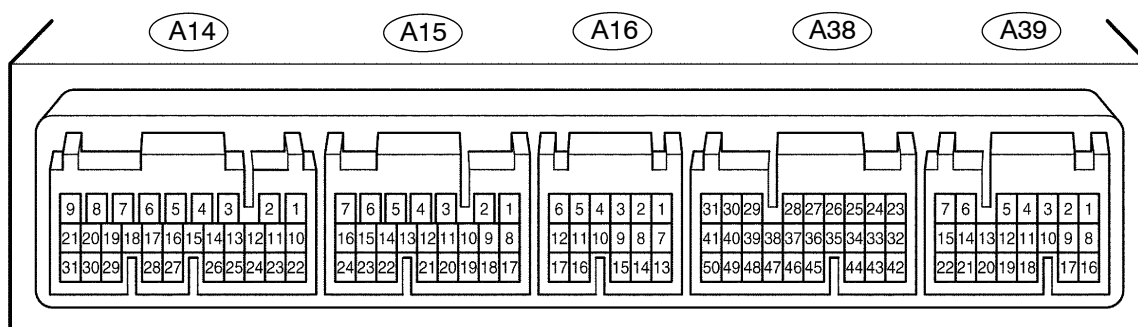


TERMINALS OF ECU

Air Conditioning Amplifier Connector Front View:



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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

DIAGNOSTICS – AIR CONDITIONING SYSTEM

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
TPBP a – SG *1 TPBP a – 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
TPBP a – SG *1 TPBP a – 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

DIAGNOSTICS – AIR CONDITIONING SYSTEM

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

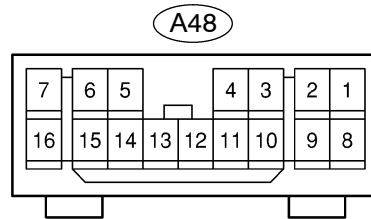
*1: LHD Models

*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:

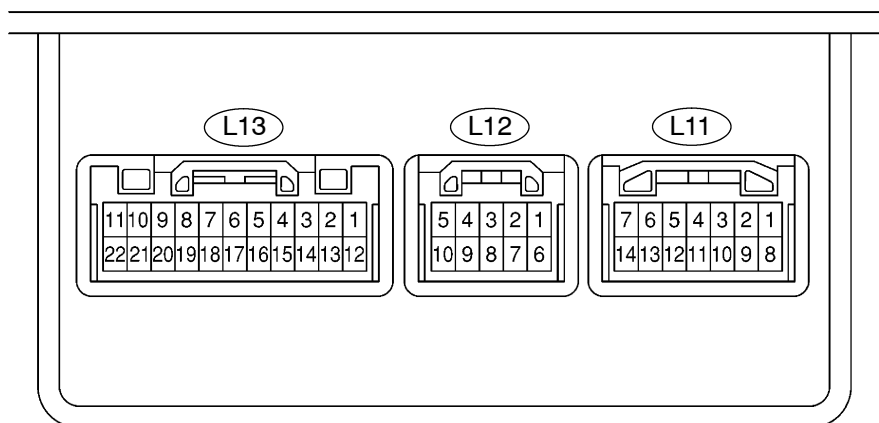
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Symbols (Terminal No.)	Wiring color	Terminal Description	Condition	Specification
RLO – GND (A48-1 – A48-6)	Y – W-B	Rear blower switch signal	Ignition switch ON. Rear A/C blower switch manual OFF.	Below 1.0 V
RLO – GND (A48-1 – A48-6)	Y – W-B	Rear blower 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

DIAGNOSTICS – AIR CONDITIONING SYSTEM

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:



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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