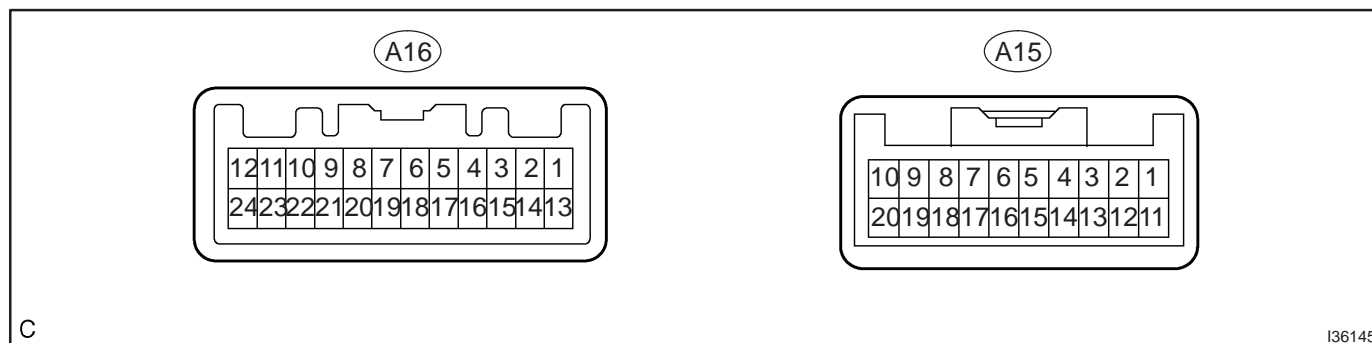


# TERMINALS OF ECU

## 1. AIR CONDITIONER AMPLIFIER ASSY



Terminal No. (Symbols)	Wiring Color	Condition	Specification
A16-5 (BLW) – A16-13 (GND)	R – W-B	IG SW: ON Front blower: Operate	Pulse generation
A16-7 (PRE) – A16-18 (SG)	L-W – G-W	Start engine Refrigerant pressure: 0 kPa (0 kgf/cm <sup>2</sup> , 0 psi) → 3,138 MPa (32.0 kgf/cm <sup>2</sup> , 455 psi)	0.5 → 4.8 V
A15-20 (MPX-) – A16-13 (GND)	P – W-B	Multiplex communication circuit	–
A15-10 (MPX+) – A16-13 (GND)	P-B – W-B	Multiplex communication circuit	–
A15-6 (FRS) – A16-13 (GND)	P-B – W-B	IG SW: ON R/F SW: RECIRCULATION → FRESH	10 to 14 → Below 1.0 V
A15-5 (REC) – A16-13 (GND)	R-Y – W-B	IG SW: ON R/F SW: FRESH → RECIRCULATION	10 to 14 → Below 1.0 V
A16-17 (HR) – A16-13 (GND)	GR-R – W-B	IG SW: ON Front blower: OFF → Operate	10 to 14 → Below 1.0 V
A15-4 (AOF) – A16-13 (GND)	L-B – W-B	IG SW: ON Mode switch: DEF. → FACE	Below 1.0 → 10 to 14 V
A15-3 (AOD) – A16-13 (GND)	LG-B – W-B	IG SW: ON Mode switch: FACE → DEF.	Below 1.0 → 10 to 14 V
A16-12 (IG) – A16-13 (GND)	R-W – W-B	IG SW: LOCK → ON	Below 10 to 14 V
A15-2 (AMPH) – A16-13 (GND)	W – W-B	IG SW: ON Set passenger side temp.: MAX. COOL → MAX. HOT	Below 1.0 → 10 to 14 V
A15-1 (AMPC) – A16-13 (GND)	Y – W-B	IG SW: Set passenger side temp.: MAX HOT → MAX. COOL	Below 1.0 → 10 to 14 V
A15-12 (AMDH) – A16-13 (GND)	P-L – W-B	IG SW: Set driver side temp.: MAX. COOL → MAX. HOT	Below 1.0 → 10 to 14 V
A15-11 (AMDC) – A16-13 (GND)	B – W-B	IG SW: Set driver side temp.: MAX HOT → MAX. COOL	Below 1.0 → 10 to 14 V
A16-13 (GND) – Body ground	W-B – Body ground	Always	Continuity
A16-24 (+B) – A16-13 (GND)	W-R – W-B	Always	10 to 14 V
A16-8 (TPD) – A15-14 (SG-2)	GR – Y-R	IG SW: ON Set driver side temp.: MAX HOT → MAX. COOL	1.0 → 4.0 V
A16-20 (TPP) – A15-13 (SG-1)	V – P	IG SW: ON Set passenger side temp.: MAX HOT → MAX. COOL	1.0 → 4.0 V
A16-9 (TSD) – A16-13 (GND)	LG – W-B	IG SW: ON Solar sensor subject to electric light	0.8 to 3.3 V
A16-21 (TSP) – A16-13 (GND)	L – W-B	IG SW: ON Solar sensor subject to electric light	0.8 to 3.3 V

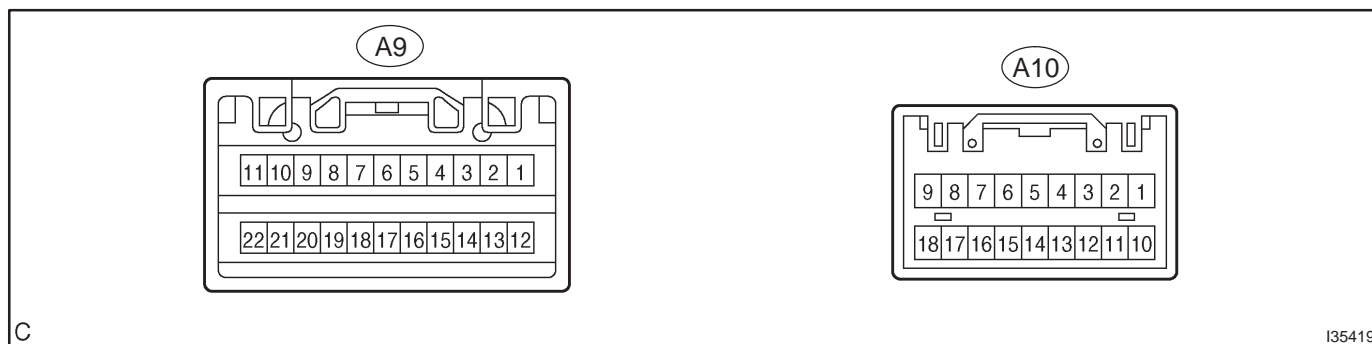
Terminal No. (Symbols)	Wiring Color	Condition	Specification
A16-22 (TR) – A16-6 (SG-5)	GR – G	IG SW: ON Cabin temp.: 25°C (77°F) → 40°C (104°F)	1.8 to 2.2 → 1.2 to 1.6 V
A16-10 (TE) – A15-16 (SG-4)	B – W-G	Evaporator temp.: 0°C (32°F) → 15°C (59°F)	2.0 to 2.4 → 1.4 to 1.8 V
A16-23 (ILL+) – A16-13 (GND)	G – W-B	Light control switch TAIL or HEAD	10 to 14 V
A16-19 (TPM) – A15-15 (SG-3)	GR-R – G-W	IG SW: ON Set air flow setting: DEF. → FACE	1.0 → 4.0 V
A15-8 (SOL+) – A16-13 (GND)	R – W-B	Start engine Compressor: Operate	Pulse generation
A15-7 (MGV) – A16-13 (GND) (*1)	R-Y – W-B	Start engine Hot gas heater: Operate	10 to 14 → Below 1.0 V
A16-11 (HOTGASIN) – A16-13 (GND) (*1)	G-Y – W-B	IG SW: ON Hot Gas SW: ON	10 to 14 V
A16-16 (S5) – A16-18 (SG)	B-W – G-W	IG SW: LOCK → ON	0 → 5.0 V
A16-1 (S5-1) – A15-13 (SG-1)	R – P	IG SW: LOCK → ON	0 → 5.0 V
A16-2 (S5-2) – A15-14 (SG-2)	Y-B – Y-R	IG SW: LOCK → ON	0 → 5.0 V
A16-14 (S5-3) – A15-15 (SG-3)	BR-W – G-W	IG SW: LOCK → ON	0 → 5.0 V
A16-15 (S5-4) – A16-9 (TSD)	O – LG	IG SW: LOCK → ON	1.7 → 4.2 V
A16-15 (S5-4) – A16-21 (TSP)	O – L	IG SW: LOCK → ON	1.7 → 4.2 V
A15-17 (CFAN) – A16-13 (GND)	W-R – W-B	Start engine Condenser fan: operate	10 to 14 → Below 1.0 V
A16-19 (PBKIG) – A17-13 (GND)	B-W – W-B	IG SW: ON PARKING BRAKE SW: OFF → ON	10 to 14 → Below 1.0 V
A17-3 (PBLT) – A17-13 (GND) (*3)	L-R – W-B	IG SW: ON SEAT BELT SIGNAL: OFF → ON	10 to 14 → Below 1.0 V
A17-4 (RDEFIN) – A17-13 (GND) (*2)	G-W – W-B	IG SW: ON RDEF RELAY : OFF → ON	Below 1.0 → 10 to 14 V

(\*1) Diesel (standard) only

(\*2) Petrol only

(\*3) Except 1AZ-FE

## 2. COMBINATION METER



Terminal No. (Symbols)	Wiring Color	Condition	Specification
C10-17 (Z1H) – Body ground	W-B – Body ground	Always	Continuity
C10-11 (HAY) – C10-12 (HAZ)	W-R – W	IG SW: ON Ambient temp.: 25°C (77°F) → 40°C (104°F)	1.35 to 1.75 → 0.85 to 1.25 V