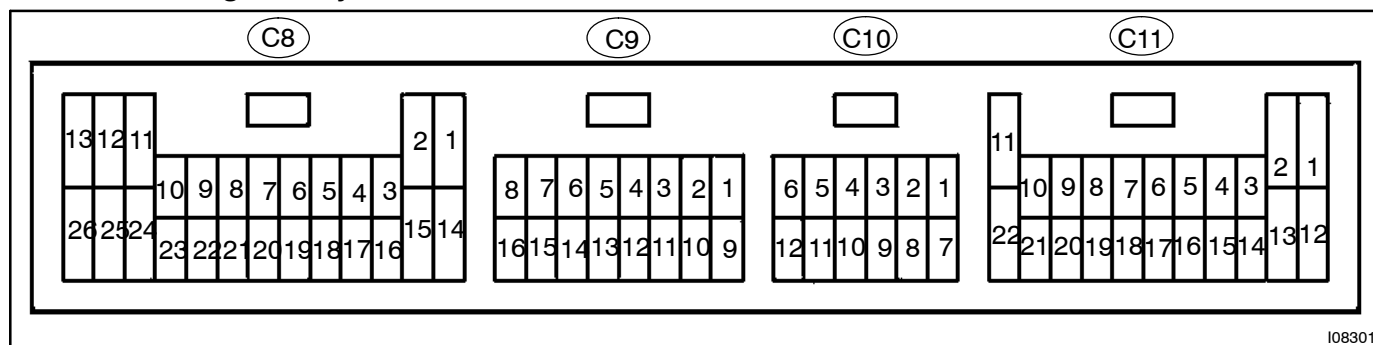


# TERMINALS OF ECU

## A/C AMPLIFIER

w/o Lexus navigation system:



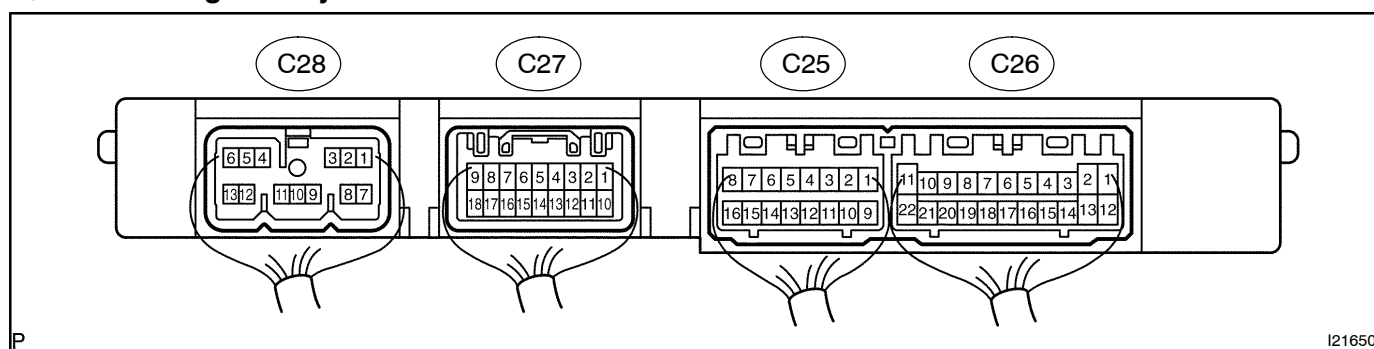
I08301

| Symbols (Terminals No.)         | Wiring Color | Condition                                      | STD Voltage (V)                  |
|---------------------------------|--------------|------------------------------------------------|----------------------------------|
| IG ↔ GND<br>(C11-1 ↔ C11-22)    | R-L ↔ W-B    | IG switch OFF → ON                             | 10 – 14 V                        |
| ACC ↔ GND<br>(C11-2 ↔ C11-22)   | GR ↔ W-B     | Turn ignition switch ACC                       | 10 – 14 V                        |
| AIF ↔ GND<br>(C11-6 ↔ C11-22)   | G-W ↔ W-B    | IG ON. Push FRS switch                         | Below 1.0 V                      |
|                                 |              | IG ON. Push REC switch                         | 10 – 14 V                        |
| AIR ↔ GND<br>(C11-7 ↔ C11-22)   | LG-B ↔ W-B   | IG ON. Push FRS switch                         | 10 – 14 V                        |
|                                 |              | IG ON. Push REC switch                         | Below 1.0 V                      |
| FrAMC ↔ GND<br>(C11-8 ↔ C11-22) | P-G ↔ W-B    | IG ON. Set temp. : Max. Cool                   | 10 – 14 V                        |
|                                 |              | IG ON. Set temp. : Max. Hot                    | Below 1.0 V                      |
| FrAMH ↔ GND<br>(C11-9 ↔ C11-22) | P-B ↔ W-B    | IG ON. Set temp. : Max. Cool                   | Below 1.0 V                      |
|                                 |              | IG ON. Push REC switch                         | 10 – 14 V                        |
| +B ↔ GND<br>(C11-12 ↔ C11-22)   | G-R ↔ W-B    | Always                                         | 10 – 14 V                        |
| FrS5 ↔ FrSG<br>(C10-1 ↔ C10-12) | G-R ↔ Y-G    | IG ON                                          | 4.5 – 5.5 V                      |
| FrTR ↔ FrSG<br>(C10-2 ↔ C10-12) | B ↔ Y-G      | IG ON. Cabin temp. : 25 °C (77 °F)             | 1.8 – 2.2 V                      |
|                                 |              | IG ON. Cabin temp. : 40 °C (104 °F)            | 1.2 – 1.6 V                      |
| TAM ↔ FrSG<br>(C10-3 ↔ C10-12)  | L-Y ↔ Y-G    | IG ON. Ambient temp. : 25 °C (77 °F)           | 1.3 – 1.8 V                      |
|                                 |              | IG ON. Ambient temp. : 40 °C (104 °F)          | 0.8 – 1.3 V                      |
| FrTE ↔ FrSG<br>(C10-4 ↔ C10-12) | GR-B ↔ Y-G   | IG ON. Evaporator temp. : 0 °C (32 °F)         | 2.0 – 2.4 V                      |
|                                 |              | IG ON. Evaporator temp. : 15 °C (59 °F)        | 1.4 – 1.8 V                      |
| TS ↔ FrSG<br>(C10-6 ↔ C10-12)   | B-Y ↔ Y-G    | IG ON. Sensor subjected electric light         | 0.8 – 4.3V                       |
|                                 |              | IG ON. Sensor covered by a cloth               | Below 0.8 V                      |
| FrTP ↔ FrSG<br>(C10-8 ↔ C10-12) | B-Y ↔ Y-G    | IG ON. Set temp. : Max. Cool                   | 3.5 – 4.5 V                      |
|                                 |              | IG ON. Set temp. : Max. Hot                    | 0.5 – 1.5 V                      |
| TPI ↔ FrSG<br>(C10-9 ↔ C10-12)  | L-R ↔ Y-G    | IG ON. Push REC switch                         | 3.5 – 4.5 V                      |
|                                 |              | IG ON. Push FRS switch                         | 0.5 – 1.5 V                      |
| FACE ↔ GND<br>(C9-3 ↔ C11-22)   | GR ↔ W-B     | Mode control switch except FACE → FACE         | From 10 – 14 V<br>to below 1.0 V |
| B/L ↔ GND<br>(C9-4 ↔ C11-22)    | BR-W ↔ W-B   | Mode control switch except BI-LEVEL → BI-LEVEL | From 10 – 14 V<br>to below 1.0 V |
| FOOT ↔ GND<br>(C9-5 ↔ C11-22)   | W ↔ W-B      | Mode control switch except FOOT → FOOT         | From 10 – 14 V<br>to below 1.0 V |

## DIAGNOSTICS - AIR CONDITIONING SYSTEM

| Symbols (Terminals No.)         | Wiring Color | Condition                                                                                                                  | STD Voltage (V)                  |
|---------------------------------|--------------|----------------------------------------------------------------------------------------------------------------------------|----------------------------------|
| F/D ↔ GND<br>(C9-10 ↔ C11-22)   | P-L ↔ W-B    | Mode control switch except FOOT/DEF → FOOT/DEF                                                                             | From 10 – 14 V<br>to below 1.0 V |
| DEF ↔ GND<br>(C9-11 ↔ C11-22)   | B-W ↔ W-B    | Mode control switch except DEF → DEF                                                                                       | From 10 – 14 V<br>to below 1.0 V |
| FrBLW ↔ GND<br>(C9-12 ↔ C11-22) | W-R ↔ W-B    | Blower fan OFF → ON                                                                                                        | From 10 – 14 V<br>to below 1.0 V |
| FrHR ↔ GND<br>(C9-13 ↔ C11-22)  | Y-R ↔ W-B    | Blower fan OFF → ON                                                                                                        | From 10 – 14 V<br>to below 1.0 V |
| MGC ↔ GND<br>(C9-14 ↔ C11-22)   | L ↔ W-B      | A/C compressor OFF → ON                                                                                                    | From 10 – 14 V<br>to below 1.0 V |
| LOCK ↔ FrSG<br>(C8-7 ↔ C10-12)  | W-L ↔ Y-G    | A/C compressor ON                                                                                                          | Pulse                            |
| TW ↔ GND<br>(C8-9 ↔ C11-22)     | Y-B ↔ W-B    | IG ON.                                                                                                                     | Pluse                            |
| PSW ↔ GND<br>(C8-10 ↔ C11-22)   | L-W ↔ W-B    | A/C refrigerant pressure: less than 0.19 MPa (2.0 kgf/cm <sup>2</sup> )<br>or more than 3.14 MPa (32 Kgf/cm <sup>2</sup> ) | From 10 – 14 V<br>to below 1.0 V |
| IGN ↔ GND<br>(C8-13 ↔ C11-22)   | B ↔ W-B      | Engine idling                                                                                                              | Pulse                            |
| SPD ↔ GND<br>(C8-22 ↔ C11-22)   | V ↔ W-B      | Turn propeller shaft slowly                                                                                                | Pulse                            |
| ACT ↔ GND<br>(C8-23 ↔ C11-22)   | L-B ↔ W-B    | Start engine. A/C switch: ON Magnetic clutch: Engaged                                                                      | 10 – 14 V                        |
|                                 |              | Start engine. A/C switch: ON Magnetic clutch: Not engaged                                                                  | Below 1.0 V                      |

## w/ Lexus navigation system:



| Symbols (Terminals No.)        | Wiring Color | Condition                                                                                                                     | STD Voltage (V)              |
|--------------------------------|--------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------|
| B ↔ GND<br>(C26-1 ↔ C26-11)    | G-R ↔ W-B    | Always                                                                                                                        | 10 – 14 V                    |
| ILL+ ↔ GND<br>(C26-2 ↔ C26-11) | G ↔ W-B      | IG ON. Taillight switch: TAIL                                                                                                 | 10 – 14 V                    |
| PSW ↔ GND<br>(C26-4 ↔ C26-11)  | L-W ↔ W-B    | A/C refrigerant pressure: less than 0.19 MPa (2.0 kgf/cm <sup>2</sup> ) or<br>more than 3.14 MPa (3,140 kgf/cm <sup>2</sup> ) | From 10 – 14 to<br>Below 1.0 |
| SPD ↔ GND<br>(C26-6 ↔ C26-11)  | V ↔ W-B      | IG ON. Turn front wheel slowly                                                                                                | Pulse generation             |
| TW ↔ GND<br>(C26-7 ↔ C26-11)   | Y-B ↔ W-B    | IG ON.                                                                                                                        | Pulse generation             |
| ACT ↔ GND<br>(C26-8 ↔ C26-11)  | L-B ↔ W-B    | Start engine. A/C switch: ON Magnetic clutch: Engaged                                                                         | 10 – 14 V                    |
|                                |              | Start engine. A/C switch: ON Magnetic clutch: Not engaged                                                                     | Below 1.0 V                  |

| Symbols (Terminals No.)                     | Wiring Color | Condition                                                                  | STD Voltage (V) |
|---------------------------------------------|--------------|----------------------------------------------------------------------------|-----------------|
| GND ↔ Body ground<br>(C26-11 ↔ Body ground) | W-B          | Alwways                                                                    | Continuity      |
| IG ↔ GND<br>(C24-10 ↔ C26-11)               | R-L ↔ W-B    | IG ON.                                                                     | 10 – 14 V       |
| ACC ↔ GND<br>(C26-13 ↔ C26-11)              | GR ↔ W-B     | IG ACC.                                                                    | 10 – 14 V       |
| RrMGV ↔ GND (*1)<br>(C26-15 ↔ C26-11)       | LG-R ↔ W-B   | IG ON. Rear A/C: ON                                                        | Below 1.0 V     |
|                                             |              | IG ON. Rear A/C: OFF                                                       | 10 – 14 V       |
| AIR ↔ GND<br>(C26-16 ↔ C26-11)              | LG-B ↔ W-B   | IG ON. Air intake selector: RECIRCULATE                                    | 10 – 14 V       |
|                                             |              | IG ON. Air intake selector: FRESH                                          | Below 1.0 V     |
| AIF ↔ GND<br>(C26-17 ↔ C26-11)              | G-W ↔ W-B    | IG ON. Air intake selector: RECIRCULATE                                    | Below 1.0 V     |
|                                             |              | IG ON. Air intake selector: FRESH                                          | 10 – 14 V       |
| FrAMH ↔ GND<br>(C26-18 ↔ C26-11)            | P-B ↔ W-B    | IG ON. Set temp. (Front A/C): MAX. COOL                                    | Below 1.0 V     |
|                                             |              | IG ON. Set temp. (Front A/C): MAX. WARM                                    | 10 – 14 V       |
| FrAMC ↔ GND<br>(C26-19 ↔ C26-11)            | P-G ↔ W-B    | IG ON. Set temp. (Front A/C): MAX. COOL                                    | 10 – 14 V       |
|                                             |              | IG ON. Set temp. (Front A/C): MAX. WARM                                    | Below 1.0 V     |
| VER2 ↔ GND<br>(C26-21 ↔ C26-11)             | W-B ↔ W-B    | Alwways                                                                    | Continuity      |
| VER3 ↔ GND (*1)<br>(C26-22 ↔ C26-11)        | W-B ↔ W-B    | Alwways                                                                    | Below 1.0 V     |
| TS ↔ FrS5<br>(C25-2 ↔ C25-1)                | B-Y ↔ B-Y    | IG ON. Solar sensor is subjected to electric light                         | 0.8 – 4.3 V     |
|                                             |              | IG ON. Solar sensor is covered by a cloth                                  | Below 0.8 V     |
| TAM ↔ SG<br>(C25-3 ↔ C25-1)                 | L-Y ↔ Y-G    | IG ON. Ambient temp.: 25 °C (77 °F)                                        | 1.8 – 2.2 V     |
|                                             |              | IG ON. Ambient temp.: 40 °C (104 °F)                                       | 1.2 – 1.6 V     |
| FrTP ↔ SG<br>(C25-5 ↔ C25-1)                | B-Y ↔ Y-G    | IG ON. Set temp. (Front A/C): MAX. COOL                                    | 3.5 – 4.5 V     |
|                                             |              | IG ON. Set temp. (Front A/C): MAX. WARM                                    | Below 1.0 V     |
| FrLAT ↔ GND<br>(C25-7 ↔ C26-11)             | W ↔ W-B      | Communication circuit (between front A/C amplifier and rear A/C amplifier) | –               |
| FrCID ↔ GND<br>(C25-8 ↔ C26-11)             | L ↔ W-B      | Communication circuit (between front A/C amplifier and rear A/C amplifier) | –               |
| FrS5 ↔ SG<br>(C25-9 ↔ C25-1)                | G-R ↔ Y-G    | IG ON.                                                                     | 4.5 – 5.5 V     |
| FrTR ↔ SG<br>(C25-10 ↔ C25-1)               | B ↔ Y-G      | IG ON. Cabin temp. (Front side): 25 °C (77 °F)                             | 1.8 – 2.2 V     |
|                                             |              | IG ON. Cabin temp. (Front side): 40 °C (104 °F)                            | 1.2 – 1.6 V     |
| FrTE ↔ SG<br>(C25-11 ↔ C25-1)               | GR-B ↔ Y-G   | IG ON. Evaporator temp. (Front A/C): 0 °C (32 °F)                          | 2.0 – 2.4 V     |
|                                             |              | IG ON. Evaporator temp. (Front A/C): 15 °C (59 °F)                         | 1.4 – 1.8 V     |
| TPI ↔ SG<br>(C25-13 ↔ C25-1)                | L-R ↔ Y-G    | IG ON. Air intake selector: RECIRCULATE                                    | 3.5 – 4.5 V     |
|                                             |              | IG ON. Air intake selector: FRESH                                          | Below 1.0 V     |
| FrCSD ↔ GND<br>(C25-15 ↔ C26-11)            | R ↔ W-B      | Communication circuit (between front A/C amplifier and rear A/C amplifier) | –               |
| FrCLK<br>(C25-16)                           | G            | Communication circuit (between front A/C amplifier and rear A/C amplifier) | –               |
| MPX-<br>(C27-1)                             | P-B          | Multiplex communication circuit                                            | –               |
| CLK ↔ GND<br>(C27-2 ↔ C26-11)               | L-R ↔ W-B    | Communication circuit (between front A/C amplifier and clock)              | –               |

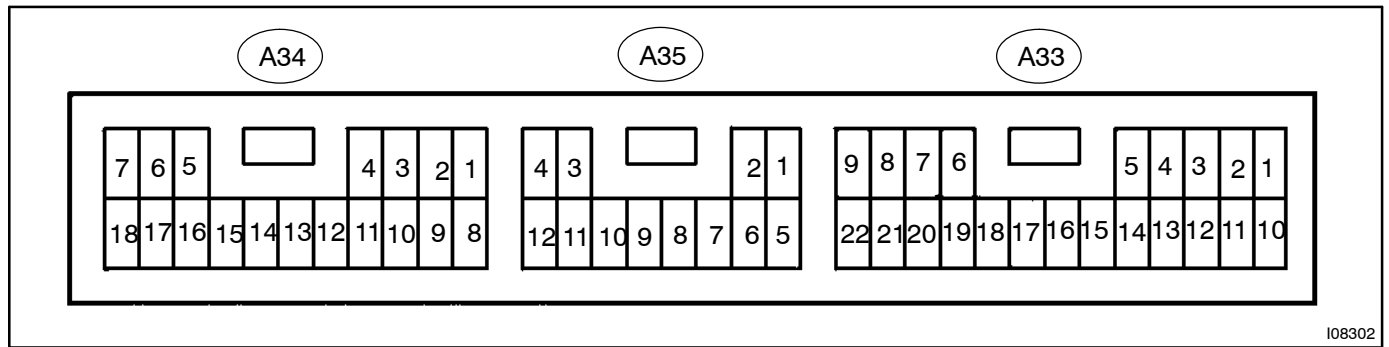
## DIAGNOSTICS – AIR CONDITIONING SYSTEM

|                                    |            |                                                                                          |                  |
|------------------------------------|------------|------------------------------------------------------------------------------------------|------------------|
| DPD<br>(C24-5)                     | L-W        | Communication circuit (between front A/C amplifier and center cluster integration panel) | -                |
| DEF ↔ GND<br>(C27-6 ↔ C26-11)      | B-W ↔ W-B  | IG ON. Air flow selector: DEF.                                                           | Below 1.0 V      |
|                                    |            | IG ON. Air flow selector: Except DEF.                                                    | 10 – 14 V        |
| B/L ↔ GND<br>(C27-8 ↔ C26-11)      | BR-W ↔ W-B | IG ON. Air flow selector: B/L                                                            | Below 1.0 V      |
|                                    |            | IG ON. Air flow selector: Except B/L                                                     | 10 – 14 V        |
| IGN ↔ GND<br>(C27-9 ↔ C26-11)      | B ↔ W-B    | IG ON.                                                                                   | Pulse generation |
| MPX+<br>(C27-10)                   | P-L        | Multiplex communication circuit                                                          | -                |
| BLK<br>(C27-11)                    | L          | Communication circuit (between front A/C amplifier and center cluster integration panel) | -                |
| STX<br>(C27-12)                    | L-B        | Communication circuit (between front A/C amplifier and center cluster integration panel) | -                |
| SWD<br>(C27-13)                    | L-Y        | Communication circuit (between front A/C amplifier and center cluster integration panel) | -                |
| LOCK ↔ GND<br>(C27-15 ↔ C26-11)    | W-L ↔ W-B  | Start engine. Magnetic clutch: Engaged                                                   | Pulse generation |
| F/D ↔ GND<br>(C27-16 ↔ C26-11)     | P-L ↔ W-B  | IG ON. Air flow selector: FOOT/DEF.                                                      | Below 1.0 V      |
|                                    |            | IG ON. Air flow selector: Except FOOT/DEF.                                               | 10 – 14 V        |
| FOOT ↔ GND<br>(C27-17 ↔ C26-11)    | W ↔ W-B    | IG ON. Air flow selector: FOOT                                                           | Below 1.0 V      |
|                                    |            | IG ON. Air flow selector: Except FOOT                                                    | 10 – 14 V        |
| FACE ↔ GND<br>(C27-18 ↔ C26-11)    | GR ↔ W-B   | IG ON. Air flow selector: FACE                                                           | Below 1.0 V      |
|                                    |            | IG ON. Air flow selector: Except FACE                                                    | 10 – 14 V        |
| RDFGR ↔ GND<br>(C28-3 ↔ C26-11)    | LG ↔ W-B   | IG ON. Rear deffogger switch: ON                                                         | Below 1.0 V      |
|                                    |            | IG ON. Rear deffogger switch: OFF                                                        | 10 – 14 V        |
| AC1 ↔ GND<br>(C28-4 ↔ C26-11)      | W-G ↔ W-B  | Start engine. Magnetic clutch: Engaged                                                   | Below 1.0 V      |
|                                    |            | Start engine. Magnetic clutch: Not engaged                                               | 10 – 14 V        |
| RHR ↔ GND (*2)<br>(C28-7 ↔ C26-11) | L-B ↔ W-B  | IG ON. Rear heater switch (Front side): ON                                               | Below 1.0 V      |
|                                    |            | IG ON. Rear heater switch (Front side): OFF                                              | 10 – 14 V        |
| MGC ↔ GND<br>(C28-11 ↔ C26-11)     | L ↔ W-B    | Start engine. Magnetic clutch: Engaged                                                   | Below 1.0 V      |
|                                    |            | Start engine. Magnetic clutch: Not engaged                                               | 10 – 14 V        |
| FrHR ↔ GND<br>(C28-12 ↔ C26-11)    | Y-R ↔ W-B  | IG ON. Blower motor: Operate                                                             | Below 1.0 V      |
|                                    |            | IG ON. Blower motor: Not operate                                                         | 10 – 14 V        |
| FrBLW ↔ GND<br>(C28-13 ↔ C26-11)   | W-R ↔ W-B  | IG ON. Blower motor: Operate                                                             | Below 1.0 V      |
|                                    |            | IG ON. Blower motor: Not operate                                                         | 10 – 14 V        |

(\*1): Dual A/C

(\*2): w/ rear heater

## REAR A/C AMPLIFIER



I08302

| Symbols (Terminals No.)                     | Wiring Color | Condition                                            | STD Voltage (V)                       |
|---------------------------------------------|--------------|------------------------------------------------------|---------------------------------------|
| +B ↔ GND (A33-1 ↔ A33-22)                   | B ↔ W-B      | Constant                                             | 10 – 14 V                             |
| IG1 ↔ GND<br>(A33-2 ↔ A33-22)               | R-L ↔ W-B    | IG ON.                                               | 10 – 14 V                             |
| VMrc ↔ GND<br>(A33-3 ↔ A33-22)              | W-L ↔ W-B    | Rr FACE mode. Rr blower switch: Lo → ME → HI         | 7.2 → 4.2 → 0.5 V                     |
| BLWr ↔ GND<br>(A33-4 ↔ A33-22)              | R ↔ W-B      | Rr FACE mode. Fr blower switch: OFF → Lo             | Below 1.0 V<br>→ 1.5 – 3.0 V          |
| S51 ↔ SG1 (A33-5 ↔ A33-9)                   | R-Y ↔ Y-G    | IG ON.                                               | 4.5 – 5.5 V                           |
| TPr ↔ SG1 (A33-6 ↔ A33-9)                   | GR-R ↔ Y-G   | Rr temp. control switch: Max. COOL → Max. HOT        | 4.0 – 1.0 V                           |
| TEr ↔ SG1 (A33-7 ↔ A33-9)                   | Y ↔ Y-G      | Rr evaporator temp.: 0 °C (32 °F)                    | 2.0 – 2.4 V                           |
|                                             |              | Rr evaporator temp.: 15 °C (59 °F)                   | 2.0 – 2.4 V                           |
| Tinr ↔ SG1 (A33-8 ↔ A33-9)                  | GR-G ↔ Y-G   | Rr inlet air temp.: 25 °C (77 °F)                    | 1.5 – 1.9 V                           |
|                                             |              | Rr inlet air temp.: 40 °C (104 °F)                   | 1.2 – 1.6 V                           |
| SG1 ↔ GND<br>(A33-9 ↔ A33-22)               | Y-G ↔ W-B    | Constant                                             | Continuity                            |
| MCr ↔ GND<br>(A33-11 ↔ A33-22)              | W-L ↔ W-B    | Rr temp. control switch: Max. HOT → Max. COOL        | Below 1.0V →<br>10 – 14 V for 16 sec. |
| MHr ↔ GND<br>(A33-12 ↔ A33-22)              | Y ↔ W-B      | Rr temp. control switch: Max. COOL → Max. HOT        | Below 1.0V →<br>10 – 14 V for 16 sec. |
| HRrc ↔ GND<br>(A33-13 ↔ A33-22)             | R-Y ↔ W-B    | Rr FACE mode. Rr blower control switch: OFF → LO     | 10 – 14 V<br>→ Below 1.0 V            |
| HRrh ↔ GND<br>(A33-14 ↔ A33-22)             | L-B ↔ W-B    | Rr FOOT mode. Rr blower control switch: OFF → LO     | 10 – 14 V<br>→ Below 1.0 V            |
| VMrh ↔ GND<br>(A33-15 ↔ A33-22)             | R-W ↔ W-B    | Rr FOOT mode. Rr blower control switch: LO → ME → HI | 7.2 → 4.2 → 0.5 V                     |
| BLWrh ↔ GND<br>(A33-16 ↔ A33-22)            | R-G ↔ W-B    | Rr FOOT mode. Rr blower control switch: OFF → LO     | Below 1.0 V →<br>1.5 – 3.0 V          |
| CID ↔ GND<br>(A33-18 ↔ A33-22)              | L ↔ W-B      | IG ON.                                               | Pulse                                 |
| CSD ↔ GND<br>(A33-19 ↔ A33-22)              | R ↔ W-B      | IG ON.                                               | Pulse                                 |
| CLK ↔ GND<br>(A33-20 ↔ A33-22)              | G ↔ W-B      | IG ON.                                               | Pulse                                 |
| LAT ↔ GND<br>(A33-21 ↔ A33-22)              | W ↔ W-B      | IG ON.                                               | Pulse                                 |
| GND ↔ Body ground<br>(A33-22 ↔ Body ground) | W-B          | Constant                                             | Continuity                            |

## DIAGNOSTICS – AIR CONDITIONING SYSTEM

|                                    |            |                                                  |                                                    |
|------------------------------------|------------|--------------------------------------------------|----------------------------------------------------|
| TRr ↔ SG2 (A35-7 ↔ A35-12)         | B ↔ G-Y    | IG ON. Rr room temp.: 25 °C (77 °F)              | 1.8 – 2.2 V                                        |
|                                    |            | IG ON. Rr room temp.: 40 °C (104 °F)             | 1.2 – 1.6 V                                        |
| TSETr ↔ SG2<br>(A35-8 ↔ A35-12)    | L-O ↔ G-Y  | Rr temp. control switch: Max. COOL → Max. HOT    | 5.0 → 0 V                                          |
| SG2 ↔ SG1<br>(A35-12 ↔ A33-9)      | G-Y ↔ Y-G  | Constant                                         | Continuity                                         |
| AUTO-S ↔ RG<br>(A34-1 ↔ A34-8)     | W-G ↔ G-W  | Rr A/C control panel AUTO switch: OFF → ON       | 10 – 14 V →<br>Below 1.0 V during<br>pushed switch |
| OFF-S ↔ RG<br>(A34-2 ↔ A34-8)      | Y-B ↔ G-W  | Rr A/C control panel OFF switch: OFF → ON        | 10 – 14 V →<br>Below 1.0 V during<br>pushed switch |
| LO-S ↔ RG (A34-3 ↔ A34-8)          | GR ↔ G-W   | Rr A/C control panel LO switch: OFF → ON         | 10 – 14 V →<br>Below 1.0 V during<br>pushed switch |
| ME-S ↔ RG (A34-4 ↔ A34-8)          | L-Y ↔ G-W  | Rr A/C control panel ME switch: OFF → ON         | 10 – 14 V →<br>Below 1.0 V during<br>pushed switch |
| AUTO-I ↔ GND<br>(A34-5 ↔ A33-22)   | L-R ↔ W-B  | Rr A/C control panel switch: except. AUTO → AUTO | 10 – 14 V →<br>Below 1.0 V                         |
| LO-I ↔ GND<br>(A34-6 ↔ A33-22)     | L-W ↔ W-B  | Rr A/C control panel switch: except. LO → LO     | 10 – 14 V →<br>Below 1.0 V                         |
| ME-I ↔ GND<br>(A34-7 ↔ A33-22)     | L ↔ W-B    | Rr A/C control panel switch: except. ME → ME     | 10 – 14 V →<br>Below 1.0 V                         |
| RG ↔ GND<br>(A34-8 ↔ A33-22)       | G-W ↔ W-B  | Constant                                         | Continuity                                         |
| HI-S ↔ GND<br>(A34-9 ↔ A33-22)     | GR-R ↔ W-B | Rr A/C control panel HI switch: OFF → ON         | 10 – 14 V →<br>Below 1.0 V during<br>pushed switch |
| FACE-S ↔ GND<br>(A34-10 ↔ A33-22)  | R-L ↔ W-B  | Rr A/C control panel FACE switch: OFF → ON       | 10 – 14 V →<br>Below 1.0 V during<br>pushed switch |
| B/L-S ↔ GND<br>(A34-11 ↔ A33-22)   | R-Y ↔ W-B  | Rr A/C control panel B/L switch: OFF → ON        | 10 – 14 V →<br>Below 1.0 V during<br>pushed switch |
| FOOT-S ↔ GND<br>(A34-12 ↔ A33-22)) | R-G ↔ W-B  | Rr A/C control panel FOOT switch: OFF → ON       | 10 – 14 V →<br>Below 1.0 V during<br>pushed switch |
| FACE-I ↔ GND<br>(A34-15 ↔ A33-22)  | G ↔ W-B    | Rr A/C control panel switch: except. FACE → FACE | 10 – 14 V →<br>Below 1.0 V                         |
| B/L-I ↔ GND<br>(A34-16 ↔ A33-22)   | W-G ↔ W-B  | Rr A/C control panel switch: except. B/L → B/L   | 10 – 14 V →<br>Below 1.0 V                         |
| FOOT-I ↔ GND<br>(A34-17 ↔ A33-22)  | W-R ↔ W-B  | Rr A/C control panel switch: except. FOOT → FOOT | 10 – 14 V →<br>Below 1.0 V                         |
| HI-I ↔ GND<br>(A34-18 ↔ A33-22)    | L ↔ W-B    | Rr A/C control panel switch: except. HI → HI     | 10 – 14 V →<br>Below 1.0 V                         |