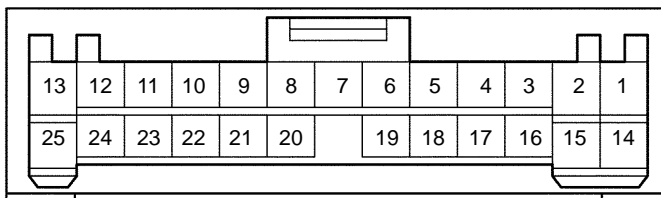
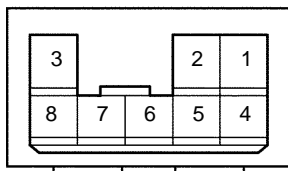


# TERMINALS OF ECU

## REAR RIGHT DOOR ECU

**R13**

Rear Power Window Motor RH



I03226

| Symbols (Terminals No.)                     | Wiring Color         | Condition   |      | STD Voltage (V) |
|---|----------------------|---|------|-----------------|
| CPUB ↔ GND<br>(R13-15 ↔ R13-25)             | G-W ↔ W-B            | Constant  |      | 10 – 14 V       |
| BDR ↔ GND<br>(R13-14 ↔ R13-25)              | L-R ↔ W-B            | Constant  |      | 10 – 14 V       |
| SIG ↔ GND<br>(R13-9 ↔ R13-25)               | B-R ↔ W-B            | Constant  |      | 10 – 14 V       |
| CTYB ↔ GND<br>(R13-2 ↔ R13-25)              | L-W ↔ W-B            | Constant  |      | 10 – 14 V       |
| GND ↔ Body Ground<br>(R13-25 ↔ Body Ground) | W-B ↔<br>Body Ground | Constant  |      | Below 1 V       |
| CTY ↔ GND<br>(R13-8 ↔ R13-25)               | R-Y ↔ W-B            | Rear right door closed.   |      | 10 – 14 V       |
|   |                      | Rear right door opened.   |      | Below 1 V       |
| CYL ↔ GND<br>(R13-7 ↔ R13-25)               | R-W ↔ W-B            | Constant  |      | 10 – 14 V       |
| AUTO ↔ GND<br>(R13-22 ↔ R13-25)             | L-R ↔ W-B            | Auto down switch position is OFF.                                   |      | Below 1 V       |
|   |                      | Ignition switch position is ON.<br>Auto down switch position is ON. |      | 10 – 14 V       |
| MUP ↔ GND<br>(R13-24 ↔ R13-25)              | L-W ↔ W-B            | Ignition switch position is ON.<br>Power window switch position     | OFF  | Below 1 V       |
|   |                      |   | UP   | 10 – 14 V       |
| MDN ↔ GND<br>(R13-23 ↔ R13-25)              | L-B ↔ W-B            | Ignition switch position is ON.<br>Power window switch position     | OFF  | Below 1 V       |
|   |                      |   | Down | 10 – 14 V       |
| UP ↔ GND<br>(R13-3 ↔ R13-25)                | R ↔ W-B              | Power window (FrRH) is not operating.                               |      | Below 1 V       |
|   |                      | Power window (FrRH) is operating upward.                            |      | 10 – 14 V       |
| DN ↔ GND<br>(R13-1 ↔ R13-25)                | G ↔ W-B              | Power window (FrRH) is not operating.                               |      | Below 1 V       |
|   |                      | Power window (FrRH) is operating downward.                          |      | 10 – 14 V       |
| A+ ↔ GND<br>(R13-13 ↔ R13-25)               | G-R ↔ W-B            | Power door lock (FrRH) is not operating.                            |      | Below 1 V       |
|   |                      | Power door lock (FrRH) is operating to unlock.                      |      |                 |
|   |                      | Power door lock (FrRH) is operating to lock.                        |      | 10 – 14 V       |

## DIAGNOSTICS – REAR RIGHT DOOR CONTROL SYSTEM

| Symbols (Terminals No.)         | Wiring Color | Condition                                      |        | STD Voltage (V)  |
|---------------------------------|--------------|--|--------|------------------|
| A↔ GND<br>(R13-1 ↔ R13-25)      | G-B ↔ W-B    | Power door lock (FrRH) is not operating.       |        | Below 1 V        |
|                                 |              | Power door lock (FrRH) is operating to lock.   |        |                  |
|                                 |              | Power door lock (FrRH) is operating to unlock. |        | 10 – 14 V        |
| LMT ↔ GND<br>(R13-2 ↔ R13-25)   | B-W ↔ W-B    | Window full-close position                     |        | 10 – 14 V        |
|                                 |              | Except window full-close position              |        | Below 1 V        |
| PLS ↔ GND<br>(R13-7 ↔ R13-25)   | Y-B ↔ W-B    | During the power window is operation.          |        | Pulse Generation |
|                                 |              | Power window is not operated.                  | SW ON  | Below 1 V        |
|                                 |              |  | SW OFF | 10 – 14 V        |
| PCT1 ↔ GND<br>(R13-11 ↔ R13-25) | Y ↔ W-B      | Window lock switch position*                   | UNLOCK | Below 1 V        |
|                                 |              |  | LOCK   | 10 –14 V         |
| PCTO ↔ GND<br>(R13-10 ↔ R13-25) | Y-R ↔ W-B    | Window lock switch position*                   | UNLOCK | Below 1 V        |
|                                 |              |  | LOCK   | 10 – 14 V        |
| MPX1 (R13-5)                    | L-O          | Multiplex communication circuit                |        | –                |
| MPX2 (R13-4)                    | O            | Multiplex communication circuit                |        | –                |

\*: Power window master switch