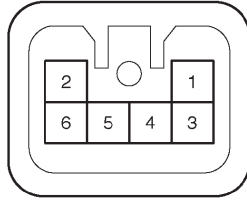


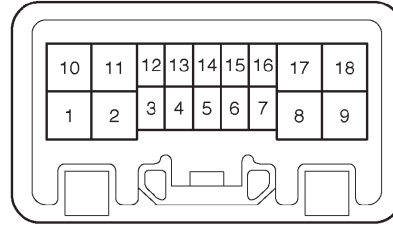
## TERMINALS OF ECU

### 1. MULTIPLEX TILT AND TELESCOPIC ECU:

Connector A:



T4



N

F044288E05

| Symbols (Terminal No.)     | Wiring Color      | Terminal Description           | Condition  | Specified Condition (V)                   |
|----------------------------|-------------------|--------------------------------|--|---|
| TEM+ (A-2) - GND (T4-11)   | -- W-B            | Telescopic motor output        | <ul style="list-style-type: none"> <li>Un-lock warning switch ON</li> <li>Telescopic contracted</li> </ul>     | 10 to 14                                  |
|                            |                   |                                | Telescopic is not operating  | Below 1                                   |
| VCE (A-3) - E2 (A-5)       | -                 | Telescopic sensor power source | IG switch ON   | 8 to 16                                   |
| TES (A-4) - E2 (A-5)       | -                 | Telescopic sensor signal       | Telescopic is operating  | pulse generation<br>HI: 8 to 16<br>LOW: 0 |
| E2 (A-5) - Body Ground     | --Body Ground     | Telescopic sensor ground       | Always   | Below 1                                   |
| TEM- (A-6) - GND (T4-11)   | -- W-B            | Telescopic motor output        | <ul style="list-style-type: none"> <li>Un-lock warning switch ON</li> <li>Telescopic extended</li> </ul>       | 10 to 14                                  |
|                            |                   |                                | Telescopic is not operating  | Below 1                                   |
| TIM- (T4-1) - GND (T4-11)  | G - W-B           | Tilt motor output              | <ul style="list-style-type: none"> <li>Un-lock warning switch ON</li> <li>Tilt down</li> </ul>                 | 10 to 14                                  |
|                            |                   |                                | Tilt is not operating  | Below 1                                   |
| +B (T4-2) - GND (T4-11)    | Y - W-B           | Motor power source             | Always   | 10 to 14                                  |
| MSW (T4-3) - GND (T4-11)   | W - W-B           | Manual switch signal           | <ul style="list-style-type: none"> <li>IG switch ON</li> <li>Tilt up by manual switch</li> </ul>               | 1.67 to 2.13                              |
|                            |                   |                                | <ul style="list-style-type: none"> <li>IG switch ON</li> <li>Tilt down by manual switch</li> </ul>             | 0.54 to 0.74                              |
|                            |                   |                                | <ul style="list-style-type: none"> <li>IG switch ON</li> <li>Telescopic contracted by manual switch</li> </ul> | 1.08 to 1.40                              |
|                            |                   |                                | <ul style="list-style-type: none"> <li>IG switch ON</li> <li>Telescopic extended by manual switch</li> </ul>   | 2.22 to 2.77                              |
|                            |                   |                                | Manual switch is not operating   | Below 0.2                                 |
| VC (T4-4) - GND (T4-11)    | LG - W-B          | Manual switch power source     | IG switch ON   | 4.9 to 5.1                                |
| VCI (T4-6) - E1 (T4-17)    | L - BR            | Tilt sensor power source       | IG switch ON   | 8 to 16                                   |
| TIS (T4-7) - E1 (T4-17)    | R - BR            | Tilt sensor signal             | Tilt is operating  | Pulse generation<br>HI: 8 to 16<br>LOW: 0 |
| IG (T4-8) - GND (T4-11)    | Y - W-B           | IG signal / IG power source    | IG switch ON   | 10 to 14                                  |
|                            |                   |                                | IG switch OFF  | Below 1                                   |
| ECUB (T4-9) - GND (T4-11)  | SB - W-B          | ECU power source               | Always   | 10 to 14                                  |
| TIM+ (T4-10) - GND (T4-11) | B - W-B           | Tilt motor output              | <ul style="list-style-type: none"> <li>Un-lock warning switch ON</li> <li>Tilt up</li> </ul>                   | 10 to 14                                  |
|                            |                   |                                | Tilt is not operating  | Below 1                                   |
| GND (T4-11) - Body Ground  | W-B - Body Ground | ECU ground                     | Always   | Below 1                                   |

**STEERING COLUMN – POWER TILT AND POWER TELESCOPIC STEERING COLUMN  
SYSTEM**

**SR-13**

| <b>Symbols (Terminal No.)</b> | <b>Wiring Color</b> | <b>Terminal Description</b> | <b>Condition</b> | <b>Specified Condition (V)</b> |
|-------------------------------|---------------------|-----------------------------|------------------|--------------------------------|
| E1 (T4-17) - Body Ground      | BR - Body Ground    | Tilt sensor ground          | Always           | Below 1                        |

**SR**