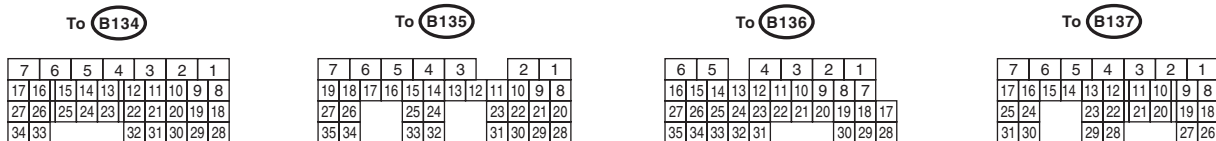


# Engine Control Module (ECM) I/O Signal

BRAKE VACUUM CONTROL(BVC) (DIAGNOSTICS)

## 5. Engine Control Module (ECM) I/O Signal

### A: ELECTRICAL SPECIFICATION



EN-01812

| Description            |               | Connector No. | Terminal No. | Signal (V)                        |                                  | Note |
|------------------------|---------------|---------------|--------------|-----------------------------------|----------------------------------|------|
|                        |               |               |              | Ignition SW ON<br>(engine OFF)    | Engine ON<br>(idling)            |      |
| Brake vacuum sensor    | Signal        | B134          | 27           | 1 — 3.8                           | 1 — 3.8                          | —    |
|                        | Power supply  | B135          | 22           | 5                                 | 5                                | —    |
|                        | Ground        | B135          | 30           | 0                                 | 0                                | —    |
| Self-shutoff control   |               | B136          | 23           | 0                                 | 0                                | —    |
| Brake vacuum pump      | Relay drive   | B136          | 8            | 10 — 13<br>(When the pump is OFF) | 12 — 14<br>(When the pump is ON) | —    |
|                        |               |               |              | 0<br>(When the pump is ON)        | 0<br>(When the pump is ON)       |      |
|                        | Electric load | B135          | 25           | 0<br>(When the pump is OFF)       | 0<br>(When the pump is OFF)      | —    |
|                        |               |               |              | 10 — 13<br>(When the pump is ON)  | 12 — 14<br>(When the pump is ON) |      |
| SSM communication line |               | B136          | 16           | 1 or less ↔ 4 or more             | 1 or less ↔ 4 or more            | —    |