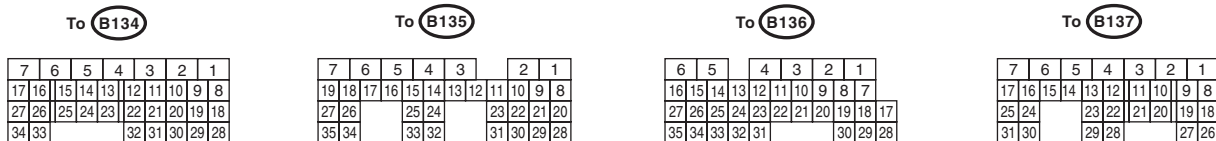


# Engine Control Module (ECM) I/O Signal

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)                    |                              | Index |
|------------------------|---------------|---------------|--------------|-------------------------------|------------------------------|-------|
|                        |               |               |              | Ignition SW ON (engine OFF)   | Engine ON (idling)           |       |
| Brake vacuum sensor    | Signal        | B137          | 9            | 1 — 3.8                       | 1 — 3.8                      | —     |
|                        | Power supply  | B135          | 22           | 5                             | 5                            | —     |
|                        | Ground        | B135          | 30           | 0                             | 0                            | —     |
| Self-shutoff control   |               | B135          | 13           | 0                             | 0                            | —     |
| Brake vacuum pump      | Relay drive   | B135          | 27           | 10 — 13<br>(When pump is OFF) | 12 — 14<br>(When pump is ON) | —     |
|                        |               |               |              | 0 (When pump is ON)           | 0 (When pump is ON)          |       |
|                        | Electric load | B136          | 8            | 0 (When pump is OFF)          | 0 (When pump is OFF)         | —     |
|                        |               |               |              | 10 — 13<br>(When pump is ON)  | 12 — 14<br>(When pump is ON) |       |
| SSM communication line |               | B135          | 14           | 1 or less ↔ 4 or more         | 1 or less ↔ 4 or more        | —     |