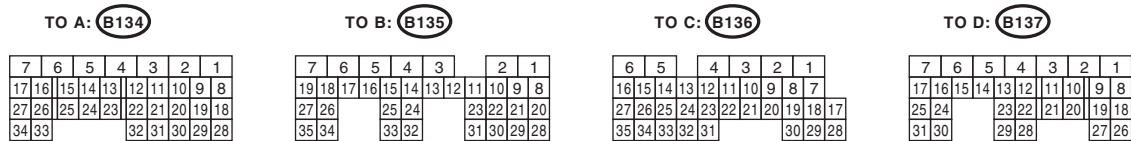


Engine Control Module (ECM) I/O Signal

CRUISE CONTROL SYSTEM (DIAGNOSTICS)

4. Engine Control Module (ECM) I/O Signal

A: ELECTRICAL SPECIFICATION



CC-00197

Contents		Terminal No.	Measurement condition and I/O signal (Idling with ignition ON: Except cruise set light)
Main power supply	VB (Control 1) VB (Control 2)	A7, B2	- Battery voltage is detected when the main power is turned ON. "0 V" is detected when the main power is turned OFF.
Command switch		B24	"0 V" is detected when the command switch is in CANCEL position. "Approx. 1 V" is present when the command switch is in SET/COAST position. "Approx. 3 V" is detected when the command switch is in RESUME/ACCEL position. "Approx. 4 V" is detected when the command switch is released.
Brake switch 1 (Brake switch)		B20	- Battery voltage is detected when the brake pedal is released. "0 V" is present when brake pedal is depressed.
Brake switch 2 (Stop light switch)		B28	- Battery voltage is present when brake pedal is depressed. "0 V" is detected when the brake pedal is released.
Main switch		B12	"0 V" is present while the main switch is pressed or turned on. - Approx. "5 V" is detected when the main switch is OFF.
Ground	GND (Control 1) GND (Control 2)	A5 C15 (Non-turbo model only)	—
Ignition switch		B19	- Battery voltage is detected when the ignition switch is turned ON. "0 V" is detected when the ignition switch is turned OFF.
Clutch switch (MT model)		C25	"0 V" is present when brake pedal is depressed. - Battery voltage is detected when the clutch pedal is released.
Neutral position switch (MT model)		C31	- Battery voltage is present when the shift lever is set in any position other than neutral. "Approx. 0 V" is detected when the shift lever is in neutral position.
Neutral signal (AT model)		C31	- Battery voltage is present when the shift lever is set in any position other than "P" or "N" position. "0 V" is detected when the shift lever is in "P" or "N" position.

B: WIRING DIAGRAM

<Ref. to WI-158, WIRING DIAGRAM, Cruise Control System.>