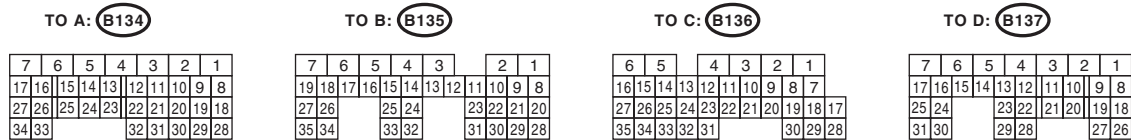


Engine Control Module (ECM) I/O Signal

CRUISE CONTROL SYSTEM (DIAGNOSTICS)

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

A: ELECTRICAL SPECIFICATION



CC-00197

Content		Terminal No.	Measurement condition and I/O signal (Idling with ignition ON: except for cruise set light)
Main power supply	VB (CONTROL 1)	C1	<ul style="list-style-type: none"> Battery voltage is detected when the main power is turned ON. "0 V" is detected when the main power is turned OFF.
	VB (CONTROL 2)	D7	
Command switch		C12	<ul style="list-style-type: none"> "0 V" is detected when the command switch is in CANCEL position. "Approx. 1 V" is detected 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)		C15	<ul style="list-style-type: none"> Battery voltage is detected when the brake pedal is released. "0 V" is detected when brake pedal is depressed.
Brake switch 2 (Stop light switch)		C3	<ul style="list-style-type: none"> Battery voltage is detected when brake pedal is depressed. "0 V" is detected when the brake pedal is released.
Main switch		C13	<ul style="list-style-type: none"> "0 V" is detected while the main switch is pressed or turned ON. "5 V" is present when the main switch is OFF.
Ground	GND (CONTROL)	A6	—
Ignition switch		C30	<ul style="list-style-type: none"> Battery voltage is detected when the ignition switch is turned ON. "0 V" is detected when the ignition switch is turned OFF.
Neutral signal		C35	<ul style="list-style-type: none"> Battery voltage is detected when the shift lever is in any position except for "P" or "N". "0 V" is detected when the shift lever is in "P" or "N" position.

B: WIRING DIAGRAM

<Ref. to WI-75, WIRING DIAGRAM, Cruise Control System.>