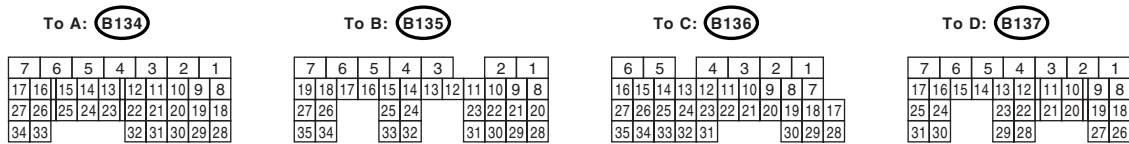


Engine Control Module (ECM) I/O Signal

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 cruise set light)
Clutch switch		A1	<ul style="list-style-type: none"> Battery voltage is detected when the clutch pedal is released. "0 V" is detected when the clutch pedal is depressed.
Cruise indicator light		A15	<ul style="list-style-type: none"> Battery voltage is detected when the main switch is turned OFF. "0 V" is detected when the main switch is turned ON.
Main power supply	VB (CONTROL 1) VB (CONTROL 2)	B6 B5	<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.
Vehicle speed signal		B27	Lift-up the vehicle until all four wheels are raised off ground, and then rotate any wheel manually. Approx. "5 V" and "0 V" pulse signals are alternately input to ECM.
SET/COAST switch		C11	<ul style="list-style-type: none"> Battery voltage is detected when command switch is turned to SET/COAST position. "0 V" is detected when command switch is released.
RESUME/ACCEL switch		C10	<ul style="list-style-type: none"> Battery voltage is detected when command switch is turned to RESUME/ACCEL position. "0 V" is detected when command switch is released.
Brake switch 1 (Brake switch)		C9	<ul style="list-style-type: none"> Battery voltage is detected when the brake pedal is released. "0 V" is detected when the brake pedal is depressed.
Brake switch 2 (Stop light switch)		C8	<ul style="list-style-type: none"> Battery voltage is detected when the brake pedal is depressed. "0 V" is detected when the brake pedal is released.
Main switch		C7	<ul style="list-style-type: none"> Battery voltage is detected while the main switch is pressed or turned to ON. "0 V" is detected when the main switch is turned OFF.
Ground	GND (CONTROL 1) GND (CONTROL 2)	D2 D1	—
Ignition switch		D15	<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 switch (MT model)		D9	<ul style="list-style-type: none"> Battery voltage is present when the shift lever is set in any position other than neutral. "0 V" is detected when the shift lever is in neutral position.
Neutral switch (AT model)		D9	<ul style="list-style-type: none"> "0 V" is detected when the shift lever is in any position other than P or N. "5 V" is detected when the shift lever is in P or N position.

B: WIRING DIAGRAM

<Ref. to WI-95, WIRING DIAGRAM, Cruise Control System.>