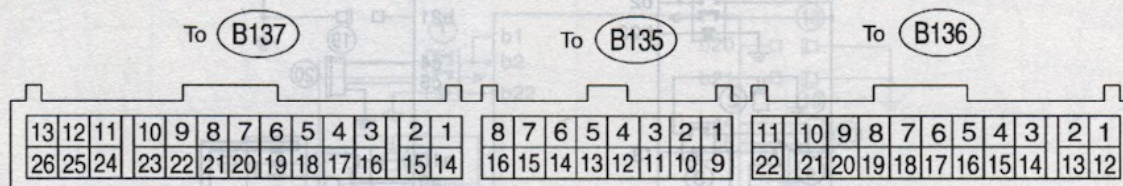


5. Control Module I/O Signal



B2M0219F

Content		Connector No.	Terminal No.	Signal (V)		Note
				Ignition SW	Engine ON (Idling)	
				ON (Engine OFF)		
Crankshaft position sensor	Signal (+)	B136	*1	0	±6	Sensor output waveform
	Signal (-)	B136	9	0	0	—
	Shield	B136	13	0	0	—
Camshaft position sensor	Signal (+)	B136	*2	0	±6	Sensor output waveform
	Signal (-)	B136	9	0	0	—
	Shield	B136	13	0	0	—
Mass air flow sensor	Signal	B136	6	0 — 0.3	0.8 — 1.2	—
	Shield	B136	13	0	0	—
	GND	B136	7	0	0	—
Throttle position sensor	Signal	B136	16	Fully closed: 0.5±0.3 Fully opened: 4.3±0.3		—
	Power supply	B136	14	5	5	—
	GND	B136	13	0	0	—
Oxygen sensor	Signal	B136	5	0	Rich mixture: 0.7 Lean mixture: 0	—
	Shield	B136	13	0	0	
Engine coolant temperature sensor	Signal	B136	3	0.6 — 1.0	0.6 — 1.0	After warm-up
	GND	B136	13	0	0	—
Vehicle speed sensor 2		B135	3	0 or 5	0 or 5	"5" and "0" are repeatedly displayed when vehicle is driven.
Starter switch		B135	2	0	0	Cranking: 10 to 14
A/C switch		B135	10	ON: 10 — 13 OFF: 0	ON: 13 — 14 OFF: 0	—
Ignition switch		B136	11	10 — 13	13 — 14	—
Neutral position switch (MT)		B135	9	ON: 5 OFF: 0	ON: 5 OFF: 0	Switch is ON when gear is in neutral position.
Park/Neutral position switch (AT)		B135	9	ON: 0 OFF: 5	ON: 0 OFF: 5	Switch is ON when shift lever is in "P" or "N" position.
Test mode connector		B136	21	5	5	When connected: 0

*1: With immobiliser: 8
Without immobiliser: 10

*2: With immobiliser: 10
Without immobiliser: 8