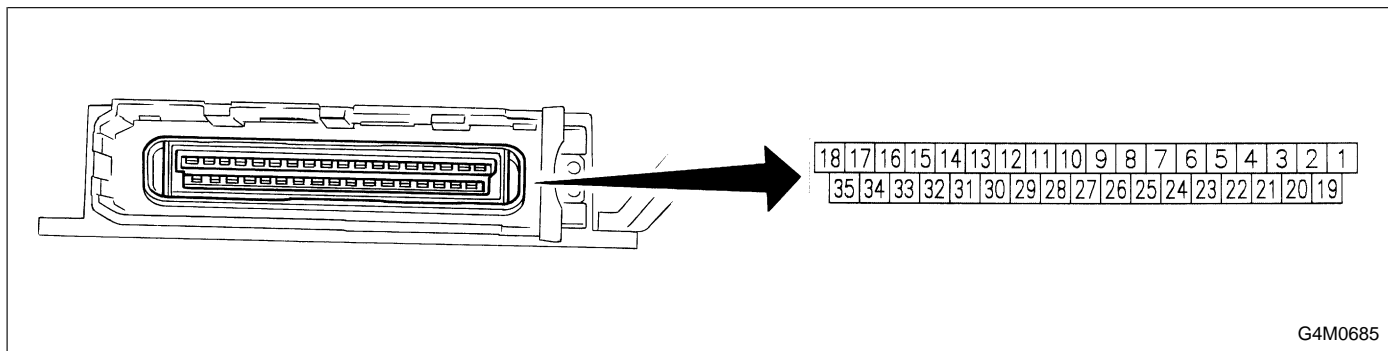


4. Control Module I/O Signal

1. I/O SIGNAL VOLTAGE



G4M0685

Contents		Terminal No.	Ignition switch ON, engine OFF	Input/output signals		
				Measured value	Measuring conditions	
A.B.S. sensor	Front left wheel	FWD 5	0V	0.12 — 1V (When it is 10 Hz)	● No. 22 or No. 5 — No. 4	
		AWD 22				
	GND	4	0V	0.12 — 1V (When it is 10 Hz)	● No. 23 — No. 21	
	Front right wheel	23				
	GND	21	0V	0.12 — 1V (When it is 10 Hz)	● No. 8 — No. 9	
	Rear left wheel	8				
	GND	9	0V	0.12 — 1V (When it is 10 Hz)	● No. 24 — No. 26	
	Rear right wheel	24				
GND	26					
G sensor (AWD MT model)		13	10 — 12V	0V	When slanting about 14° — 21.3° (θ)	
Check connector		30	—	—	—	
		31				
Stop light switch		25	0V	5 — 10V	When brake pedal is depressed.	
Motor monitoring		14	0V	10 — 12V	When motor operates.	
Valve power supply monitoring		32	10 — 12V	10 — 12V	—	
Hydraulic unit	Solenoid	Front left wheel	2	10 — 12V	0V	When solenoid is energized to produce output.
		Front right wheel	35	10 — 12V	0V	
		Rear wheel	18	10 — 12V	0V	
	Valve relay coil		27	0V	0V	—
	Motor relay coil		28	10 — 12V	0V	When motor operates to produce output.
Warning light		29	0V	10 — 12V	Ignition switch ON (Engine OFF)	
Power supply	Battery	1	10 — 12V	10 — 12V	—	
	Relay coil (valve, motor, etc.)	17	10 — 12V	10 — 12V	—	
Grounding line		10	0V	0V	—	
		20	0V	0V	—	
		34	0V	0V	—	

2. I/O SIGNAL DIAGRAM

