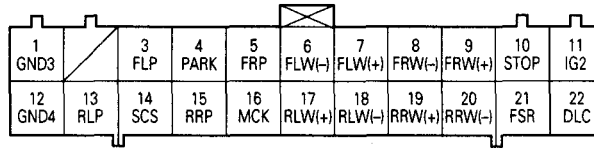


ABS Control Unit Terminal Arrangement

ABS CONTROL UNIT 22P CONNECTOR



Wire side of female terminals

Terminal number	Wire color	Terminal sign (Terminal name)	Description	Measurement			
				Terminal	Conditions (Ignition switch ON (ID))		Voltage
1	BLK	GND3 (Ground 3)	Ground	1-GND	————		Below 0.3 V
3	WHT/RED*	FLP (Front-left pulse)	Outputs left-front wheel sensor signal	3-GND	Spin wheel slowly		5V ↔ 0V
4	GRN/RED	PARK (Parking)	Detects parking brake switch signal	4-GND	Parking brake pedal	Pressed Released	Below 0.3 V Battery Voltage
5	WHT/GRN*	FRP (Front-right pulse)	Outputs right-front wheel sensor signal	5-GND	Spin wheel slowly		5V ↔ 0V
6	BRN	FLW (-) (Front-left wheel negative)	Detects left-front wheel sensor signal	6-7	Wheel	Spin wheel at 1 turn/second	AC: 0.053 V or above (Reference) Oscilloscope: 0.15Vp-p or above
7	GRN/BLU	FLW (+) (Front-left wheel positive)					
8	GRN	FRW (-) (Front-right wheel negative)	Detects right-front wheel sensor signal	8-9			
9	GRN/BLK	FRW (+) (Front-right wheel positive)					
					Stopped		0.25-1. 15V
10	GRN/WHT	STOP	Detects brake pedal position switch signal	10-GND	Brake pedal	Pressed Released	Battery Voltage Below 0.3 V
11	YEL/BLK	IG2 (Ignition 2)	Power source for activating the system	11-GND	Ignition switch	ON (II) Start (III)	Battery Voltage Below 0.3 V

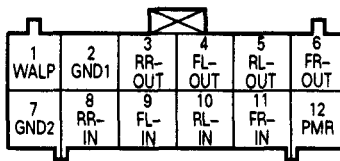
*: With TCS only

Terminal number	Wire color	Terminal sign (Terminal name)	Description	Measurement			
				Terminal	Conditions (Ignition switch ON (ID))		Voltage
12	BLK	GND4 (Ground4)	Ground	12-GND	————		Below 0.3 V
13	GRY/WHT*	RLP (Rear-left pulse)	Outputs left-rear wheel sensor signal	13-GND	Spin wheel slowly		5V ↔ 0V
14	RED	SCS (Service check signal)	Detects service check connector signal (DTC indication or DTC erasure)	14-GND	SCS service connector	Connected	Below 0.3 V
						Disconnected	About 5 V
15	GRY/BLK*	RRP (Rear-right pulse)	Outputs right-rear wheel sensor signal	15-GND	Turn wheel slowly		5V ↔ 0V
16	GRN	MCK (Motor check)	Detects pump motor drive signal	16-GND	Pump motor	ON	Battery Voltage
						OFF	Below 0.3 V
					Remove MCK fuse		About 10 V
17	LT BLU	RLW (+) (Rear-left wheel positive)	Detects left-rear wheel sensor signal	17-18	Wheel	Turn wheel at 1 turn/second	AC: 0.053 V or above (Reference) Oscilloscope: 0.15 Vp-p or above
18	GRY	RLW (-) (Rear-left wheel negative)					
19	GRN/YEL	RRW (+) (Rear-right wheel positive)	Detects right-rear wheel sensor signal	19-20			
20	BLU/YEL	RRW (-) (Rear-right wheel negative)					
					Stopped		0.25 -1.15V
21	YEL/GRN	FSR (Fail-safe relay)	Drives fail-safe relay (Fail-safe relay is turned OFF to shut off the power source to the solenoid and pump motor relay when problem occurs.)	21-GND	ABS	Warning	Below 0.3 V
						Normal	About 11 V
22	RED	DLC (Data link connector)	Communicates with the Honda PGM Tester	22-GND	————		————

*: With TCS only

ABS Control Unit Terminal Arrangement

ABS CONTROL UNIT 12P CONNECTOR



Wire side of female terminals

Terminal number	Wire color	Terminal sign (Terminal name)	Description	Measurement			
				Terminal	Conditions (Ignition switch ON (ID))		Voltage
1	BLU/WHT	WALP (Warning lamp)	Drives ABS indicator (Turns the indicator drive transistor to ON, then turns off the indicator)	1-GND	ABS indicator	ON	4 - 6 V
						OFF	Below 0.3 V
2	BLK	GND1 (Ground 1)	Ground	2-GND	——		Below 0.3 V
3	BLK/ORN	RR-OUT (Rear-right outlet)	Drives right-rear outlet solenoid valve	3-GND	ABS indicator	OFF	Battery Voltage
4	YEL/BLU	FL-OUT (Front-left outlet)	Drives left-front outlet solenoid valve	4-GND			
5	YEL/WHT	RL-OUT (Rear-left outlet)	Drives left-rear outlet solenoid valve	5-GND		ON	Below 0.3 V
6	YEL/BLK	FR-OUT (Front-right outlet)	Drives right-front outlet solenoid valve	6-GND			
7	BLK	GND2 (Ground 2)	Ground	7-GND	——		Below 0.3 V
8	YEL	RR-IN (Rear-right inlet)	Drives right-rear inlet solenoid valve	8-GND	ABS indicator	OFF	Battery Voltage
9	RED/BLU	FL-IN (Front-left inlet)	Drives left-front inlet solenoid valve	9-GND			
10	RED/WHT	RL-IN (Rear-left inlet)	Drives left-rear inlet solenoid valve	10-GND		ON	Below 0.3 V
11	RED/BLK	FR-IN (Front-right inlet)	Drives right-front inlet solenoid valve	11-GND			
12	YEL/RED	PMR (Pump motor relay)	Drives pump motor relay	12-GND	ABS indicator	OFF	Below 1.0V
						Pump motor	ON
							OFF
					ON		Below 0.3 V