

Terminal Arrangement

VSA CONTROL UNIT 42P CONNECTOR

1		2			3	4	5	6	7	8	9	10			
11	/	13	14	15	16	17	18	/	20	21	/	23	24	25	26
27	28	29	30	31	32	33	/	/	36	/	38	39	40	41	42

Wire side of female terminals

Terminal number	Wire color	Terminal sign	Description	Measurement (With the VSA control unit 42P connector disconnected)		
				Terminals	Conditions	Voltage
1	BLK	M-GND	Ground for the pump motor	—	—	—
2	WHT/BLU	+B-MR	Power source for the motor relay	2-GND	Every time	Battery Voltage
3	YEL	VLP (+)	Power source for the precharge pump motor	—	—	—
4	BLU	VLP (–)	Ground for the precharge pump motor	—	—	—
5	BLK	GND	Ground for the VSA control unit	—	—	—
6	WHT/GRN	+B-FSR	Power source for the valve relay	6-GND	Every time	Battery Voltage
7	YEL/BLU	INFO	Drives VSA activation indicator	7-GND	Ignition Switch ON (II)	Battery Voltage
8	GRN	AY	Detects lateral acceleration sensor signal	—	—	—
9	WHT	YRST	Detects yaw rate sensor test signal	—	—	—
10	RED	YRS REF	Reference voltage for the yaw rate sensor signal	—	—	—
11	LT GRN	K-LINE	Communicates with the Honda PGM Tester	—	—	—
13	BRN	FLS (–)	Detects left-front wheel sensor signal	13-28	Wheel Turn wheel at 1 turn/second	AC: 0.053 V or above Reference Oscilloscope 0.15 Vp-p or above
14	LT BLU	RLS (+)	Detects left-rear wheel sensor signal	14-29		
15	GRN	FRS (–)	Detects right-front wheel sensor signal	15-16		
16	GRN/BLK	FRS (+)				
17	BLU/WHT	ABS	Drives ABS indicator	17-GND	Ignition switch ON (II)	Battery Voltage
18	GRY	EBD	Drives brake system indicator	18-GND	Ignition switch ON (II)	About 1.5 V
20	RED	SCS	Detects service check connector signal (DTC indication or DTC clearing)	—	—	—
21	RED/BLU	YRSA YM	Ground for the yaw rate/lateral acceleration sensor	—	—	—

Terminal number	Wire color	Terminal sign	Description	Measurement (With the VSA control unit 42P connector disconnected)		
				Terminals	Conditions	Voltage
23	YEL/BLK	IG2	Power source for activating the system	23-GND	Ignition switch ON (II)	Battery Voltage
24	WHT	CAN (+)	Communication signal	——	——	——
25	YEL	PSM	Ground for the pressure sensor	——	——	——
26	BLU	PSS	Detects pressure sensor signal	——	——	——
27	WHT/BLK	VSA OFF SW	Detects VSA off switch signal	27-GND	Press the VSA off switch with the ignition switch ON (II)	Battery Voltage
28	GRN/BLU	FLS (+)	Detects left-front wheel sensor signal	28-13	Wheel Turn wheel at 1 turn/second	AC: 0.053 V or above Reference Oscilloscope 0.15 Vp-p or above
29	GRY	RLS (-)	Detects left-rear wheel sensor signal	29-14		
30	BLU/YEL	RRS (-)	Detects right-rear wheel sensor signal	30-31		
31	GRN/YEL	RRS (+)				
32	GRN/WHT	STOP	Detects brake pedal position switch signal	32-GND	Press the brake pedal	Battery Voltage
33	LT GRN/RED	VSA	Drives VSA system indicator	33-GND	Ignition switch ON (ID)	About 5 V
36	GRN/WHT	BFL	Detects brake fluid level switch signal	36-GND	With the ignition switch ON (II), the brake fluid level is	Hi Battery Voltage
						Lo 0V
38	GRN/RED	PARK	Detects parking brake switch signal	38-GND	With the ignition switch ON (II), parking brake pedal is	Pressed 0V
						Released Battery Voltage
39	YEL	YRSA YU	Power source for the yaw rate/lateral acceleration sensor	——	——	——
40	PNK	CAN (-)	Communication signal	——	——	——
41	BLK	YRSS	Detects yaw rate sensor signal	——	——	——
42	GRN	PSU	Power source for the pressure sensor	——	——	——