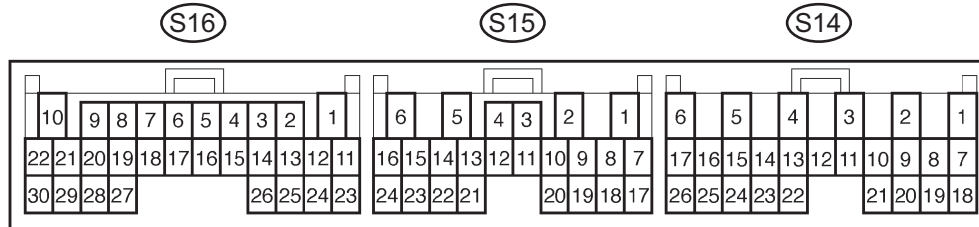


TERMINALS OF ECU

1. SUSPENSION CONTROL ECU:



N

F043241E02

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
GND2 (S15-5) - Body ground	W-B - Body ground	Ground	Always	Below 1 Ω
B (S15-6) - GND (S16-1)	Y - W-B	Battery	Always	10 to 14 V
STP (S15-12) - GND (S16-1)	B - W-B	Stop light switch assembly input signal	Brake pedal depressed	10 to 14 V
			Brake pedal released	Below 1.5 V
TACH (S15-13) - GND (S16-1)	W - W-B	Engine speed input signal	Engine idling	Pulse generation
DNSW (S15-15) - GND (S16-1)	SB - W-B	Height down switch input signal	IG switch ON, "DOWN" button of height control switch pushed in	Below 1.5 V
			IG switch ON, "DOWN" button of height control switch free	10 to 14 V
UPSW (15-16) - GND (S16-1)	O - W-B	Height up switch input signal	IG switch ON, "UP" button of height control switch pushed in	Below 1.5 V
			IG switch ON, "DOWN" button of height control switch free	10 to 14 V
SBR1 (S15-18) - GND (S16-1)	G - W-B	Height control sensor power source (FR)	Ignition switch ON	4.75 to 5.25 V
SBL3 (S15-19) - GND (S16-1)	LG - W-B	Height control sensor power source (HID)	Ignition switch ON	4.75 to 5.25 V
SGL3 (S15-20) - GND (S16-1)	V - W-B	Height control sensor ground (HID)	Always	Below 1 Ω
SBL1 (S15-21) - GND (S16-1)	BR - W-B	Height control sensor power source (FL)	Ignition switch ON	4.75 to 5.25 V
SGR1 (S15-22) - GND (S16-1)	P - W-B	Height control sensor ground (FR)	Always	Below 1 Ω
TD (S15-24) - GND (S16-1)	R - W-B	Height control OFF switch input signal	IG switch ON, height control OFF switch pushed in	Below 1.5 V
			IG switch ON, height control OFF switch released	10 to 14 V
GND (S16-1) - Body ground	W-B - Body ground	Ground	Always	Below 1 Ω
LMSW (S16-3) - GND (S16-1)	L - W-B	Access mode switch input signal	IG switch ON, access mode switch pushed in	Below 1.5 V
			IG switch ON, access mode switch released	10 to 14 V
TS (S16-5) - GND (S16-1)	O - W-B	Test mode input signal	IG switch ON, terminals TS - CG connected	Below 1 V
			IG switch ON, terminals TS - CG not connected	10 to 14 V
TC (S16-6) - GND (S16-1)	BR - W-B	Diagnosis input signal	IG switch ON, terminals TC - CG connected	Below 1 V
			IG switch ON, terminals TC - CG not connected	10 to 14 V

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
FLO (S16-8) - GND (S16-1)	R - W-B	Speed sensor input signal (RL)	Vehicle speed 12 mph (20 km/h) or higher	Pulse generation
FRO (S16-9) - GND (S16-1)	SB - W-B	Speed sensor input signal (RR)	Vehicle speed 12 mph (20 km/h) or higher	Pulse generation
IG (S16-10) - GND (S16-1)	Y - W-B	IG power source	IG switch ON	10 to 14 V
4WD: MOD2 (S16-11) - GND (S16-1)	W-B - W-B	Mode switch 2 input signal	Always	8 V or more
MOD1 (S16-12) - GND (S16-1)	W-B - W-B	Mode switch 1 input signal	Always	8 V or more
OFID (S16-15) - GND (S16-1)	G - W-B	Height control OFF indicator light output signal	IG switch ON, height control "OFF" indicator light ON	8 V or more
			IG switch ON, height control "OFF" indicator light OFF	Below 1.5 V
HI (S16-16) - GND (S16-1)	V - W-B	Height control indicator light output signal (HI)	IG switch ON, height control "HI" indicator light ON	8 V or more
			IG switch ON, height control "N" or "LO" indicator light ON	Below 1.5 V
NR (S16-17) - GND (S16-1)	LG - W-B	Height control indicator light output signal (N)	IG switch ON, height control "N" indicator light ON	8 V or more
			IG switch ON, height control "LO" or "HI" indicator light ON	Below 1.5 V
LO (S16-18) - GND (S16-1)	P - W-B	Height control indicator light output signal (LO)	IG switch ON, height control "LO" indicator light ON	8 V or more
			IG switch ON, height control "HI" or "N" indicator light ON	Below 1.5 V
LMID (S16-19) - GND (S16-1)	O - W-B	Access mode indicator light output signal	IG switch ON, access mode indicator light comes on	8 V or more
			IG switch ON, access mode indicator light goes off	Below 1.5 V
SIL (S16-20) - GND (S16-1)	GR - W-B	Diagnosis tester communication line	IG switch ON	8 V or more
SHR2 (S16-24) - GND (S16-1)	B - W-B	Height control sensor (HID rear)	IG switch ON	0.5 to 4.5 V
SGL1 (S16-25) - GND (S16-1)	W - W-B	Height control sensor ground (FR)	Always	Below 1 Ω
SHF2 (S16-26) - GND (S16-1)	Y - W-B	Height control sensor (HID front)	IG switch ON	0.5 to 4.5 V
SHFR (S16-27) - GND (S16-1)	L - W-B	Height control sensor (FR)	IG switch ON	0.5 to 4.5 V
			Engine idling, vehicle height is changed from "HIGH" to "NORMAL" by pressing the height control switch	Approx. 2.5 V
SHFL (S16-28) - GND (S16-1)	B - W-B	Height control sensor (FL)	IG switch ON	0.5 to 4.5 V
			Engine idling, vehicle height is changed from "HIGH" to "NORMAL" by pressing the height control switch	Approx. 2.5 V
SLRL (S14-1) - GND (S16-1)	B - W-B	Height control solenoid valve (RL)	IG switch ON	Below 1 V
			Engine idling, button of height control switch is pushed from "N" to "UP" or "DOWN"	8 V or more
SLRR (S14-2) - GND (S16-1)	G - W-B	Height control solenoid valve (RR)	IG switch ON	Below 1 V
			Engine idling, button of height control switch is pushed from "N" to "UP" or "DOWN"	8 V or more

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
SLLO (S14-7) - GND (S16-1)	W - W-B	Tank solenoid valve	IG switch ON	Below 1 V
			Engine idling, button of height control switch is pushed from "UP" to "DOWN"	8 V or more
SLEX (S14-8) - GND (S16-1)	Y - W-B	Exhaust solenoid valve	IG switch ON	Below 1 V
			Engine idling, button of height control switch is pushed from "UP" to "DOWN"	8 V or more
SLFR (S14-9) - GND (S16-1)	P - W-B	Height control solenoid valve (FR)	IG switch ON	Below 1 V
			Engine idling, button of height control switch is pushed from "N" to "UP" or "DOWN"	8 V or more
SLFL (S14-10) - GND (S16-1)	O - W-B	Height control solenoid valve (FL)	IG switch ON	Below 1 V
			Engine idling, button of height control switch is pushed from "N" to "UP" or "DOWN"	8 V or more
RC (S14-18) - GND (S16-1)	SB - W-B	AIR SUS relay	IG switch ON	Below 1 V
			Engine idling, button of height control switch is pushed from "N" to "UP" or "DOWN"	8 V or more
SGR2 (S14-19) - GND (S16-1)	R - W-B	Height control sensor ground (RR)	Always	Below 1 V
SBR2 (S14-20) - GND (S16-1)	BR - W-B	Height control sensor power source (RR)	IG switch ON	4.75 to 5.25 V
SGL2 (S14-21) - GND (S16-1)	GR - W-B	Height control sensor ground (RL)	Always	Below 1 Ω
SBL2 (S14-22) - GND (S16-1)	V - W-B	Height control sensor power source (RL)	IG switch ON	4.75 to 5.25 V
SHRL (S14-23) - GND (S16-1)	R - W-B	Height control sensor (RL)	IG switch ON	0.5 to 4.5 V
			Engine idling, vehicle height is changed from "HIGH" to "NORMAL" by pushing the height control switch	Approx. 2.5 V
SHRR (S14-24) - GND (S16-1)	LG - W-B	Height control sensor (RR)	IG switch ON	0.5 to 4.5 V
			Engine idling, vehicle height is changed from "HIGH" to "NORMAL" by pushing the height control switch	Approx. 2.5 V
RM+ (S14-25) - GND (S16-1)	B - W-B	Motor lock (+)	Engine idling, vehicle height is changed from "NORMAL" to "HIGH" by pushing the height control switch (While height control compressor assembly is working).	Below 1 V
RM- (S14-26) - GND (S16-1)	W - W-B	Motor lock (-)	Always	Below 1 Ω