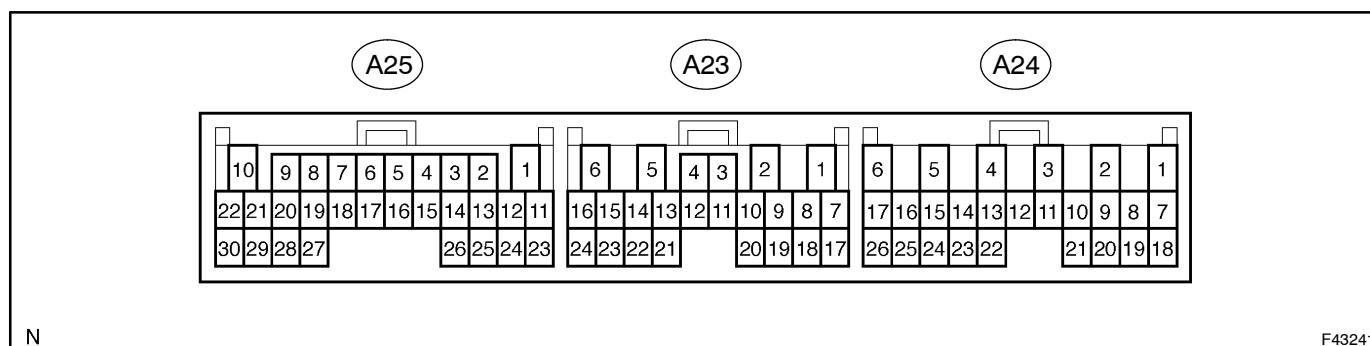


TERMINALS OF ECU

HINT:

Inspect the connectors from the back side while the connectors are connected.

SUSPENSION CONTROL ECU:



Symbols (Terminals No.)	Wiring Color	Terminal Description	Condition	Specified Condition
B (A24-1) - GND (A24-4)	W-R - W-B	Battery	Always	10 to 14 V
VT (A24-3) - GND (A24-4)	Y (R-W) - W-B	Absorber control indicator lamp output signal	IG switch ON, absorber control switch "SPORT"	0 to 1.5 V
VT (A24-3) - GND (A24-4)	Y (R-W) - W-B	Absorber control indicator lamp output signal	IG switch ON, absorber control switch "NORM"	10 to 14 V
GND (A24-4) - Body ground	W-B - Body ground	Ground	Always	Below 1 Ω
SLEX (A24-5) - GND (A24-4)	V-Y - W-B	Exhaust solenoid valve	IG switch ON	Below 1 V
SLEX (A24-5) - GND (A24-4)	V-Y - W-B	Exhaust solenoid valve	Engine idling, absorber control switch from "HIGH" to "NORM"	8 V or more
RC (A24-6) - GND (A24-4)	Y-R (G-Y) - W-B	AIR SUS relay	IG switch ON	Below 1 V
RC (A24-6) - GND (A24-4)	Y-R (G-Y) - W-B	AIR SUS relay	Engine idling, height control switch from "NORM" to "HIGH" during compressor operation	8 V or more
CANH (A24-7) - CANL (A24-8)	BR - Y	CAN communication line	IG switch OFF	54 to 67 Ω
SW1 (A24-9) - GND (A24-4)	O - W-B	Absorber control switch input signal	Engine idling, absorber control switch "NORM" position	10 to 14 V
SW1 (A24-9) - GND (A24-4)	O - W-B	Absorber control switch input signal	Engine idling, absorber control switch "SPORT" position	0 to 1.5 V
SIL (A24-13) - GND (A24-4)	W-G (G-W) - W-B	Diagnosis tester communication line	IG switch ON	Pulse generation
TD (A24-14) - GND (A24-4)	L-B (GR) - W-B	Height control is not operating	IG switch ON	10 to 14 V
HSW (A24-15) - GND (A24-4)	LG-B - W-B	Height control switch input signal	IG switch ON, height control switch "NORM" position	10 to 14 V
HSW (A24-15) - GND (A24-4)	LG-B - W-B	Height control switch input signal	IG switch ON, height control switch "HIGH" position	0 to 1.5 V
SLFR (A24-16) - GND (A24-4)	G-W (BR-W) - W-B	Height control solenoid valve (FR)	IG switch ON	Below 1 V
SLFR (A24-16) - GND (A24-4)	G-W (BR-W) - W-B	Height control solenoid valve (FR)	Engine idling, height control switch from "NORM" to "HIGH" or reverse	8 V or more
SLFL (A24-17) - GND (A24-4)	R-W - W-B	Height control solenoid valve (FL)	IG switch ON	Below 1 V

SLFL (A24-17) – GND (A24-4)	R-W – W-B	Height control solenoid valve (FL)	Engine idling, height control switch from "NORM" to "HIGH" or reverse	8 V or more
SBL1 (A24-18) – GND (A24-4)	LG-R – W-B	Height control sensor power source (FL)	IG switch ON	4.5 to 5.5 V
VH (A24-19) – GND (A24-4)	P (L-W) – W-B	Height control indicator output signal	IG switch ON, height control switch "HIGH"	0 to 1.5 V
SBR1 (A24-20) – GND (A24-4)	V-R – W-B	Height control indicator output signal	IG switch ON, height control switch "NORM"	10 to 14 V
SBR1 (A24-20) – GND (A24-4)	V-R – W-B	Height control sensor power source (FR)	IG switch ON	4.5 to 5.5 V
SGR1 (A24-21) – GND (A24-4)	R-L – W-B	Height control sensor ground (FR)	Always	Below 1 Ω
SGL1 (A24-22) – GND (A24-4)	LG-B – W-B	Height control sensor ground (FL)	Always	Below 1 Ω
FAR+ (A23-1) – FAR- (A23-2)	O – R-Y	Suspension control actuator (FR)	IG switch ON	Below 1 Ω
FBR+ (A23-3) – FBR- (A23-4)	R-G – L-G (G)	Suspension control actuator (FR)	IG switch ON	Below 1 Ω
FAL+ (A23-5) – FAL- (A23-14)	G-B – G-R	Suspension control actuator (FL)	IG switch ON	Below 1 Ω
FBL+ (A23-6) – FBL- (A23-16)	G-W – G-O	Suspension control actuator (FL)	IG switch ON	Below 1 Ω
SLRL (A23-7) – GND (A24-4)	P-L – W-B	Height control solenoid valve (RL)	IG switch ON	Below 1 V
SLRL (A23-7) – GND (A24-4)	P-L – W-B	Height control solenoid valve (RL)	Engine idling, height control switch from "NORM" to "HIGH" or reverse	8 V or more
SLRR (A23-8) – GND (A24-4)	P – W-B	Height control solenoid valve (RR)	IG switch ON	Below 1 V
SLRR (A23-8) – GND (A24-4)	P – W-B	Height control solenoid valve (RR)	Engine idling, height control switch from "NORM" to "HIGH" or reverse	8 V or more
RM+ (A23-17) – GND (A24-4)	BR-Y – W-B	Motor lock (+)	Engine idling, height control switch from "NORM" to "HIGH" during compressor operation	Below 1 V
RM- (A23-18) – GND (A24-4)	BR-B – W-B	Motor lock (-)	Always	Below 1 Ω
SHR2 (A23-19) – GND (A24-4)	W – W-B	Height control sensor (HID rear)	IG switch ON	0.5 to 4.5 V
SHFR (A23-20) – GND (A24-4)	B-W – W-B	Height control sensor (FR)	IG switch ON	0.5 to 4.5 V
SHFR (A23-20) – GND (A24-4)	B-W – W-B	Height control sensor (FR)	Engine idling, height control switch "NORM"	Approx. 2.5 V
SHF2 (A23-21) – GND (A24-4)	V-G – W-B	Height control sensor (HID front)	IG switch ON	0.5 to 4.5 V
SHFL (A23-22) – GND (A24-4)	L – W-B	Height control sensor (FL)	IG switch ON	0.5 to 4.5 V
SHFL (A23-22) – GND (A24-4)	L – W-B	Height control sensor (FL)	Engine idling, height control switch "NORM"	Approx. 2.5 V
SBL3 (A23-23) – GND (A24-4)	B – W-B	Height control sensor power source (HID)	IG switch ON	4.5 to 5.5 V
SGL3 (A23-24) – GND (A24-4)	V-Y – W-B	Height control sensor ground (HID)	Always	Below 1 Ω

DIAGNOSTICS – AIR SUSPENSION SYSTEM

RAR+ (A25-2) – RAR- (A25-3)	Y (L) – SB	Suspension control actuator (RR)	IG switch ON	Below 1 Ω
RBR+ (A25-4) – RBR- (A25-5)	LG – P (O)	Suspension control actuator (RR)	IG switch ON	Below 1 Ω
RAL+ (A25-6) – RAL- (A25-7)	L – G	Suspension control actuator (RL)	IG switch ON	Below 1 Ω
RBL+ (A25-8) – RBL- (A25-9)	O (R) – BR	Suspension control actuator (RL)	IG switch ON	Below 1 Ω
SGR3 (A25-12) – GND (A24-4)	W – W-B	Acceleration sensor ground (rear)	Always	Below 1 Ω
SBR3 (A25-15) – GND (A24-4)	R – W-B	Acceleration sensor power source (rear)	IG switch ON	4.5 to 5.5 V
SGL2 (A25-23) – GND (A24-4)	GR – W-B	Height control sensor ground (RL)	Always	Below 1 Ω
SBL2 (A25-24) – GND (A24-4)	BR – W-B	Height control sensor power source (RL)	IG switch ON	4.5 to 5.5 V
SGR2 (A25-25) – GND (A24-4)	V – W-B	Height control sensor ground (RR)	Always	Below 1 Ω
SBR2 (A25-26) – GND (A24-4)	B – W-B	Height control sensor power source (RR)	IG switch ON	4.5 to 5.5 V
SGRR (A25-27) – GND (A24-4)	L (Y) – W-B	Acceleration sensor (rear)	IG switch ON, keep the vehicle still without any vertical movement for 1 second	Approx. 2.5 V
SHRR (A25-28) – GND (A24-4)	P – W-B	Height control sensor (RR)	IG switch ON	0.5 to 4.5 V
SHRR (A25-28) – GND (A24-4)	P – W-B	Height control sensor (RR)	Engine idling, height control switch "NORM"	Approx. 2.5 V
SGFL (A25-29) – GND (A24-4)	B (GR) – W-B	Acceleration sensor (front)	IG switch ON, keep the vehicle still without any vertical movement for 1 second	Approx. 2.5 V
SHRL (A25-30) – GND (A24-4)	LG – W-B	Height control sensor (RL)	IG switch ON	0.5 to 4.5 V
SHRL (A25-30) – GND (A24-4)	LG – W-B	Height control sensor (RL)	Engine idling, height control switch "NORM"	Approx. 2.5 V

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