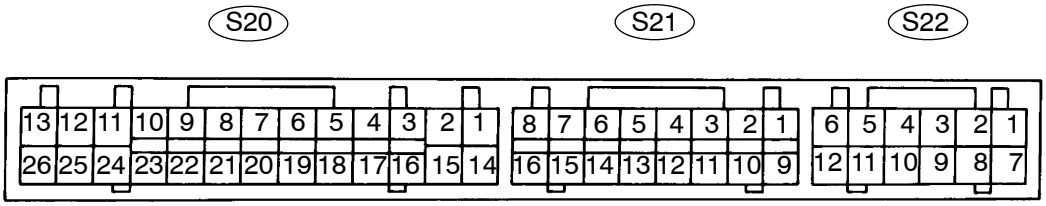
DI1MW–03

TERMINALS OF ECU



R04656

Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
FBR+ (S20 – 1) – FBR– (S20 – 14)	R–G ↔ LG	IG switch ON	Continuity (Ω)
FAR+ (S20 – 2) – FAR– (S20 – 15)	O ↔ R–Y	IG switch ON	Continuity (Ω)
RBR+ (S20 – 3) – RBL– (S20 – 16)	Y–B ↔ Y–G	IG switch ON	Continuity (Ω)
RAR+ (S20 – 4) – RAL– (S20 – 17)	Y ↔ Y–R	IG switch ON	Continuity (Ω)
SGRR (S20 – 6) – GND (S20 – 26)	L ↔ W–B	IG switch ON, keep the vehicle still without any vertical movement for 1 second	Approx. 2.5
SBR (S20 – 7) – GND (S20 – 26)	BR–R ↔ W–B	IG switch ON	4.75 – 5.25
RM+ (S20 – 8) – GND (S20 – 26)	R–L ↔ W–B	Engine idling, suspension control switch from ”NORM” to ”HIGH” during compressor operation	Below 1.5
RC (S20 – 9) – GND (S20 – 26)	G–Y ↔ W–B	Always	Continuity (Ω)
SLFR (S20 – 10) – GND (S20 – 26)	R–B ↔ W–B	IG switch ON	Below 1
		Engine idling, height control switch from ”NORM” to ”HIGH” or reverse	8 or more
SLRR (S20 – 11) – GND (S20 – 26)	P–L ↔ W–B	IG switch ON	Below 1
		Engine idling, height control switch from ”NORM” to ”HIGH” or reverse	8 or more
+B (S20 – 13) – GND (S20 – 26)	W–R ↔ W–B	IG switch ON	10 – 14
SGFR (S20 – 19) – GND (S20 – 26)	P ↔ W–B	IG switch ON, keep the vehicle still without any vertical movement for 1 second	Approx. 2.5
SGR (S20 – 20) – GND (S20 – 26)	BR–W ↔ W–B	Always	Continuity (Ω)
RM– (S20 – 21) – GND (S20 – 26)	BR–Y ↔ W–B	Always	Continuity (Ω)
SLEX (S20 – 22) – GND (S20 – 26)	V–Y ↔ W–B	IG switch ON	Below 1
		Engine idling, height control switch from ”NORM” to ”HIGH” or reverse	8 or more
SLFL (S20 – 23) – GND (S20 – 26)	R–W ↔ W–B	IG switch ON	Below 1
		Engine idling, height control switch from ”NORM” to ”HIGH” or reverse	8 or more

Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
SLRL (S20 – 24) – GND (S20 – 26)	P ↔ W–B	IG switch ON	Below 1
		Engine idling, height control switch from ”NORM” to ”HIGH” or reverse	8 or more
GND (S20 – 26) – Body ground	W–B ↔ Body	Always	Continuity (Ω)
L1 (S21 – 1) – GND (S20 – 26)	V–Y ↔ W–B	IG switch ON, accelerator pedal is slowly depressed to fully opened position	Approx. 5 → Below 1.2
SHRL (S21 – 2) – GND (S20 – 26)	W ↔ W–B	IG switch ON	0.5 – 4.5
		Engine idling, height control switch from ”NORM” to ”HIGH” or reverse	Approx. 2.5
SHRR (S21 – 3) – GND (S20 – 26)	B ↔ W–B	IG switch ON	0.5 – 4.5
		Engine idling, height control switch from ”NORM” to ”HIGH” or reverse	Approx. 2.5
SBL (S21 – 4) – GND (S20 – 26)	LG–B ↔ W–B	IG switch ON	4.75 – 5.25
FBL+ (S21 – 5) – FBL– (S20 – 13)	Y–B ↔ G–O	IG switch ON	Continuity (Ω)
FAL+ (S21 – 6) – FAL– (S20 – 14)	G–B ↔ G–R	IG switch ON	Continuity (Ω)
RBL+ (S21 – 7) – RBL– (S20 – 15)	L–B ↔ L–Y	IG switch ON	Continuity (Ω)
RAL+ (S21 – 8) – RAL– (S20 – 14)	L ↔ G–R	IG switch ON	Continuity (Ω)
SGFL (S21 – 9) – GND (S20 – 26)	P ↔ W–B	IG switch ON, keep the vehicle still without any vertical movement for 1 second	Approx. 2.5
SHFL (S21 – 10) – GND (S20 – 26)	O ↔ W–B	IG switch ON	0.5 – 4.5
		Engine idling, height control switch from ”NORM” to ”HIGH” or reverse	Approx. 2.5
SHFR (S21 – 11) – GND (S20 – 26)	LG ↔ W–B	IG switch ON	0.5 – 4.5
		Engine idling, height control switch from ”NORM” to ”HIGH” or reverse	Approx. 2.5
SGL (S21 – 12) – GND (S20 – 26)	LG–R ↔ W–B	Always	Continuity (Ω)
STP (S22 – 1) – GND (S20 – 26)	V ↔ W–B	IG switch ON, brake pedal is released	Below 1.5
		IG switch ON, brake pedal is depressed	10 – 14
SPD (S22 – 2) – GND (S20 – 26)	V–W ↔ W–B	IG switch ON, propeller shaft is being turned slowly	Repeat 1.2 – 5
REG (S22 – 3) – GND (S20 – 26)	Y ↔ W–B	IG switch ON (Engine stopped)	Below 1.5
		Engine idling	10 – 14
HSW (S22 – 5) – GND (S20 – 26)	R ↔ W–B	IG switch ON, height control switch ”NORM”	10 – 14
		IG switch ON, height control switch ”HIGH”	Below 1.2
T_D (S22 – 6) – GND (S20 – 26)	GR ↔ W–B	IG switch ON, disconnect between terminals OPB and CG of DLC3	10 – 14
VH (S22 – 7) – GND (S20 – 26)	GR–B ↔ W–B	IG switch ON, height control switch ”NORM”	0 – 1.2
		IG switch ON, height control switch ”HIGH”	10 – 14
SS2 (S22 – 8) – GND (S20 – 26)	O ↔ W–B	IG switch ON, steering wheel is being turned slowly	Repeat 1.2 – 5
SS1 (S22 – 9) – GND (S20 – 26)	P ↔ W–B	IG switch ON, steering wheel is being turned slowly	Repeat 1.2 – 5

Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
DOOR (S22 – 10) – GND (S20 – 26)	R–W ↔ W–B	IG switch ON, each door opened	Below 1.2
		IG switch ON, all door closed	10 – 14
Tc (S22 – 11) – GND (S20 – 26)	P–B ↔ W–B	IG switch ON, connect between terminals Tc and E_1 of check connector or Tc and CG of DLC3	0 – 1.2
		IG switch ON, disconnect between terminals Tc and E_1 of check connector or Tc and CG of DLC3	10 – 14
Ts (S22 – 12) – GND (S20 – 26)	G ↔ W–B	IG switch ON, connect between terminals Ts and E_1 of check connector	0 – 1.2
		IG switch ON, disconnect between terminals Ts and E_1 of check connector	10 – 14