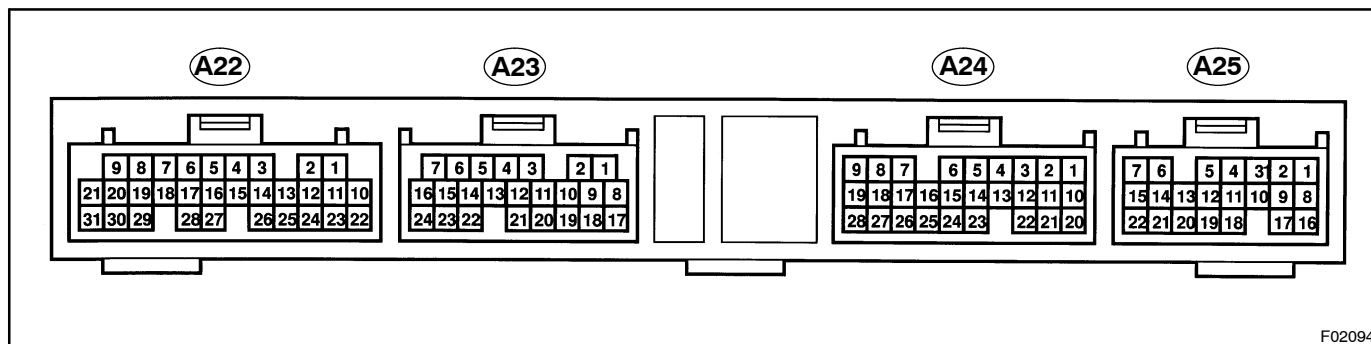


## TERMINALS OF ECU



F02094

Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
SA1 (A22 - 2) - GND (A22 - 6, 31, A23 - 8, 17)	*1R-G ↔ W-B *2R-Y ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
SA2 (A22 - 3) - GND (A22 - 6, 31, A23 - 8, 17)	R-L ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
SA3 (A22 - 4) - GND (A22 - 6, 31, A23 - 8, 17)	R-W ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
STR (A22 - 5) - GND (A22 - 6, 31, A23 - 8, 17)	*1GR-B ↔ W-B *2B-L ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
SFLR (A22 - 7) - GND (A22 - 6, 31, A23 - 8, 17)	*2G ↔ W-B *3G-O ↔ W-B *4G-B ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
SRRH (A22 - 8) - GND (A22 - 6, 31, A23 - 8, 17)	Y ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
SRRR (A22 - 9) - GND (A22 - 6, 31, A23 - 8, 17)	Y-G ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
VCM (A22 - 10) - GND (A22 - 6, 31, A23 - 8, 17)	B ↔ W-B	IG switch ON	4.5 - 5.5
PH (A22 - 11) - GND (A22 - 6, 31, A23 - 8, 17)	B-W ↔ W-B	IG switch ON, pressure switch (PH) ON	Below 0.9
		IG switch ON, pressure switch (PH) OFF	5 - 8
FR+ (A22 - 14) - FR- (A22 - 13)	*4G-W ↔ BR *5P ↔ V	IG switch ON, slowly turn right front wheel	AC generation
FL+ (A22 - 16) - FL- (A22 - 15)	*4P ↔ L *5LG ↔ L	IG switch ON, slowly turn left front wheel	AC generation
SR (A22 - 19) - R1+ (A22 - 1)	O ↔ LG-B	IG switch ON, ABS warning light OFF	10 - 14
SFLH (A22 - 21) - GND (A22 - 6, 31, A23 - 8, 17)	W-R ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
PMC (A22 - 22) - E2 (A22 - 23)	R ↔ W	IG switch ON, stop light switch OFF	0.3 - 0.7
E2 (A22 - 23) - GND (A22 - 6, 31, A23 - 8)	W ↔ W-B	IG switch OFF	Continuity
MTT (A22 - 27) - GND (A22 - 6, 31, A23 - 8, 17)	R-B ↔ W-B	IG switch ON (Motor relay is OFF)	Below 1.5
MT+ (A22 - 28) - MT- (A22 - 18)	*4GR-G ↔ GR-R *5L-Y ↔ GR	IG switch ON	Pulse generation
MR1 (A22 - 29) - R1+ (A22 - 1)	G-O ↔ LG-B	IG switch ON, hydraulic brake booster pump motor stops	Below 1.0

VGS (A23 – 1) – GND (A23 – 10)	B ↔ G	IG switch ON	4.5 – 5.5
GL1 (A23 – 2) – GND (A23 – 10)	W ↔ G	IG switch ON, vehicle is placed on the horizontal surface	2.0 – 3.0
Td (A23 – 3) – GND (A22 – 6, 31, A23 – 8, 17)	P-B ↔ W-B	IG switch ON and terminals Tc-E <sub>1</sub> of check connector connected	Below 1.0
		IG switch ON and terminals Tc-E <sub>1</sub> of check connector not connected	10 – 14
Ts (A23 – 4) – GND (A22 – 6, 31, A23 – 8, 17)	B-W ↔ W-B	IG switch ON and terminals Ts-E <sub>1</sub> of check connector connected	Below 1.0
		IG switch ON and terminals Ts-E <sub>1</sub> of check connector not connected	10 – 14
IG1 (A23 – 6) – GND (A22 – 6, 31, A23 – 8, 17)	B-R ↔ W-B	IG switch ON	10 – 14
NEO (A23 – 7) – GND (A22 – 6, 31, A23 – 8, 17)	G-R ↔ W-B	Engine idling	Pulse generation
GL2 (A23 – 9) – GND (A23 – 10)	R ↔ G	IG switch ON, vehicle is placed on the horizontal surface	2.0 – 3.0
GGND (A23 – 10) – GND (A22 – 6, 31, A23 – 8)	G ↔ W-B	IG switch OFF	Below 0.3
RR+ (A23 – 11) – RR- (A23 – 12)	L-W ↔ D	IG switch ON, slowly turn right rear wheel	AC generation
ENG+ (A23 – 14) – ENG- (A23 – 22)	LG ↔ L	IG switch ON	Pulse generation
RL+ (A23 – 19) – RL- (A23 – 20)	BR ↔ BR	IG switch ON, slowly turn left rear wheel	AC generation
TRC+ (A23 – 24) – TRC- (A23 – 16)	P ↔ V	IG switch ON	Pulse generation
IG2 (A24 – 1) – GND (A22 – 6, 31, A23 – 8, 17)	B-O ↔ W-B	IG switch ON	10 – 14
FLO (A24 – 3) – GND (A22 – 6, 31, A23 – 8, 17)	L-Y ↔ W-B	Vehicle driving at about 20 km/h (12 mph)	Pulse generation
VSCW (A24 – 4) – GND (A22 – 6, 31, A23 – 8, 17)	L-O ↔ W-B	IG switch ON, VSC warning light ON	Below 2.0
		IG switch ON, VSC warning light OFF	10 – 14
WA (A24 – 5) – GND (A22 – 6, 31, A23 – 8, 17)	LG-B ↔ W-B	IG switch ON, ABS warning light ON	Below 2.0
		IG switch ON, ABS warning light OFF	10 – 14
IND (A24 – 6) – GND (A22 – 6, 31, A23 – 8, 17)	V-R ↔ W-B	IG switch ON, SLIP indicator light ON	Below 2.0
		IG switch ON, SLIP indicator light OFF	10 – 14
STP (A24 – 7) – GND (A22 – 6, 31, A23 – 8)	G-W ↔ W-B	Stop light switch OFF	Below 1.5
		Stop light switch ON	8 – 14
SS1+ (A24 – 8) – SS1- (A24 – 18)	L ↔ LG	Engine idling, slowly turn steering wheel	Pulse generation (See page DI-328)
VYS (A24 – 9) – GYAW (A24 – 27)	B ↔ W	IG switch ON	4.5 – 5.5
WT (A24 – 13) – GND (A22 – 6, 31, A23 – 8, 17)	LG-R ↔ W-B	IG switch ON, VSC OFF indicator light ON	Below 2.0
		IG switch ON, VSC OFF indicator light OFF	10 – 14
R (A24 – 15) – GND (A22 – 6, 31, A23 – 8, 17)	R-B ↔ W-B	IG switch ON, shift lever is in R range	8 – 14
		IG switch ON, shift lever is in other than R range	Below 1.5

SP1 (A24 – 16) – GND (A22 – 6, 31, A23 – 8, 17)	V ↔ W-B	Vehicle driving at about 20 km/h (12 mph)	Pulse generation
YD (A24 – 19) – GND (A22 – 6, 31, A23 – 8, 17)	GR-L ↔ W-B	Approx. 1 sec. after IG switch ON	4.5 – 5.5
BRL (A23 – 5) – GND (A19 – 6, 31, A20 – 8, 17)	R-G ↔ W-B	IG switch ON, BRAKE warning light ON	Below 2.0
		IG switch ON, BRAKE warning light OFF	10 – 14
BZ (A24 – 20) – GND (A22 – 6, 31, A23 – 8, 17)	W-R ↔ W-B	IG switch ON, VSC buzzer is sounded	Below 1.5
		IG switch ON, VSC buzzer is not sounded	10 – 14
P (A24 – 24) – GND (A22 – 6, 31, A23 – 8, 17)	R-W ↔ W-B	IG switch ON, shift lever is in P range	8 – 14
		IG switch ON, shift lever is in other P range	Below 1.5
D/G (A24 – 25) – GND (A22 – 6, 31, A23 – 8, 17)	W-G ↔ W-B	IG switch ON	10 – 14
CSW (A24 – 28) – GND (A22 – 6, 31, A23 – 8, 17)	Y ↔ W-B	IG switch ON, VSC OFF switch pushed in	Below 1.5
		IG switch ON, VSC OFF switch released	8 – 14
GYAW (A24 – 27) – GND (A22 – 6, 31, A23 – 8, 17)	W ↔ W-B	IG switch OFF	Continuity
YAW (A24 – 28) – GYAW (A24 – 27)	R ↔ W	IG switch ON, vehicle is in stationary condition	2 – 3
SRLR (A25 – 1) – GND (A22 – 6, 31, A23 – 8, 17)	L-Y ↔ W-B	IG switch ON, ABS warning light OFF	10 – 14
MR2 (A25 – 2) – R2+ (A25 – 3)	*4V-R ↔ G-Y *5G-O ↔ G-Y	IG switch ON, hydraulic brake booster pump motor stops	Below 1.0
AST (A25 – 6) – GND (A22 – 6, 31, A23 – 8, 17)	Y-R ↔ W-B	IG switch ON, ABS warning light OFF	10 – 14
SRLH (A25 – 7) – GND (A22 – 6, 31, A23 – 8, 17)	L-B ↔ W-B	IG switch ON, ABS warning light OFF	10 – 14
SFRR (A25 – 8) – GND (A22 – 6, 31, A23 – 8, 17)	W-G ↔ W-B	IG switch ON, ABS warning light OFF	10 – 14
PL (A25 – 9) – GND (A22 – 6, 31, A23 – 8, 17)	*1GR-L ↔ W-B	IG switch ON, pressure switch ON	3 – 5
	*2LG ↔ W-B	IG switch ON, pressure switch OFF	7 – 11
SFRH (A25 – 16) – GND (A22 – 6, 31, A23 – 8, 17)	W-L ↔ W-B	IG switch ON, ABS warning light OFF	10 – 14

\*1: LHD, Australia

\*2: RHD Europe

\*3: Australia

\*4: LHD

\*5: RHD