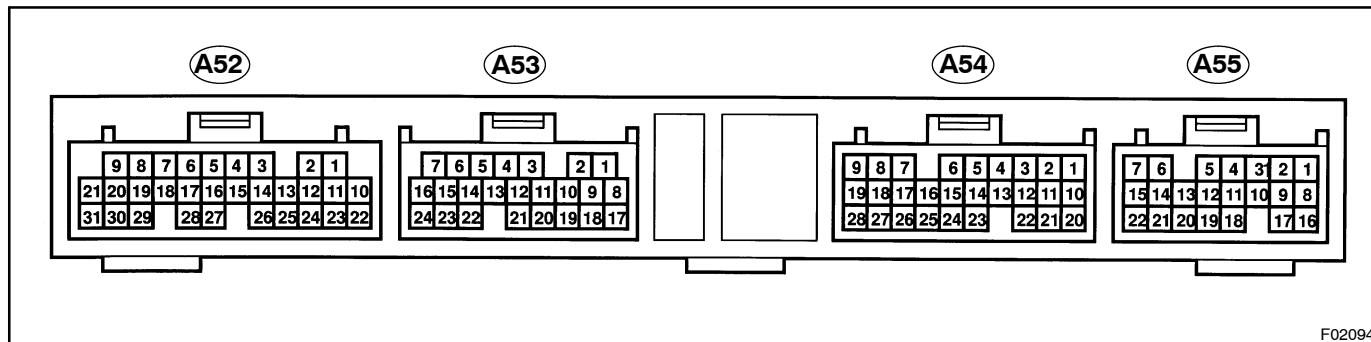


TERMINALS OF ECU



F02094

Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
SA1 (A52 - 2) - GND (A52 - 6, 31, A53 - 8, 17)	G ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
SA2 (A52 - 3) - GND (A52 - 6, 31, A53 - 8, 17)	B ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
SA3 (A52 - 4) - GND (A52 - 6, 31, A53 - 8, 17)	G-W ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
STR (A52 - 5) - GND (A52 - 6, 31, A53 - 8, 17)	G-Y ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
SFLR (A52 - 7) - GND (A52 - 6, 31, A53 - 8, 17)	B-Y ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
SRRH (A52 - 8) - GND (A52 - 6, 31, A53 - 8, 17)	W ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
SRRR (A52 - 9) - GND (A52 - 6, 31, A53 - 8, 17)	B-O ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
VCM (A52 - 10) - GND (A52 - 6, 31, A53 - 8, 17)	B ↔ W-B	IG switch ON	4.5 - 5.5
PH (A52 - 11) - GND (A52 - 6, 31, A53 - 8, 17)	O ↔ W-B	IG switch ON, pressure switch (PH) ON	Below 0.9
		IG switch ON, pressure switch (PH) OFF	5 - 8
FR+ (A52 - 14) - FR- (A52 - 13)	L ↔ P	IG switch ON, slowly turn right front wheel	AC generation
FL+ (A52 - 16) - FL- (A52 - 15)	R ↔ G	IG switch ON, slowly turn left front wheel	AC generation
SR (A52 - 19) - R1+ (A52 - 1)	G-Y ↔ P	IG switch ON, ABS warning light OFF	10 - 14
SFLH (A52 - 21) - GND (A52 - 6, 31, A53 - 8, 17)	Y ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
PMC (A52 - 22) - E2 (A52 - 23)	R ↔ W	IG switch ON, stop light switch OFF	0.3 - 0.7
E2 (A52 - 23) - GND (A52 - 6, 31, A53 - 8)	W ↔ W-B	IG switch OFF	Continuity
MTT (A52 - 27) - GND (A52 - 6, 31, A53 - 8, 17)	B-R ↔ W-B	IG switch ON (Motor relay is OFF)	Below 1.5
MT+ (A52 - 28) - MT- (A52 - 18)	L ↔ GR	IG switch ON	Pulse generation
MR1 (A52 - 29) - R1+ (A52 - 1)	R ↔ P	IG switch ON, hydraulic brake booster pump motor stops	Below 1.0
WA (A53 - 1) - GND (A52 - 6, 31, A53 - 8, 17)	P-L ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14

BZ (A53 – 2) – GND (A52 – 6, 31, A53 – 8, 17)	L ↔ W-B	IG switch ON, VSC buzzer is not sounded	10 – 14
D/G (A53 – 3) – GND (A52 – 6, 31, A53 – 8, 17)	V-W ↔ W-B	IG switch ON	10 – 14
R (A53 – 4) – GND (A52 – 6, 31, A53 – 8, 17)	R-B ↔ W-B	IG switch ON, transmission shift lever is in R range	10 – 14
P (A53 – 5) – GND (A52 – 6, 31, A53 – 8, 17)	G-W ↔ W-B	IG switch ON, transmission shift lever is in P range	10 – 14
IG1 (A53 – 6) – GND (A52 – 6, 31, A53 – 8, 17)	B-W ↔ W-B	IG switch ON	10 – 14
NEO (A53 – 7) – GND (A52 – 6, 31, A53 – 8, 17)	W ↔ W-B	Engine idling	Pulse generation
STP (A53 – 10) – GND (A52 – 6, 31, A53 – 8)	G-W ↔ W-B	Stop light switch pushed in	Below 1.5
		Stop light switch released	2 – 5
Tc (A53 – 11) – GND (A52 – 6, 31, A53 – 8, 17)	P-B ↔ W-B	IG switch ON and terminals Tc-E ₁ of check connector connected	Below 1.0
		IG switch ON and terminals Tc-E ₁ of check connector not connected	10 – 14
Ts (A53 – 12) – GND (A52 – 6, 31, A53 – 8, 17)	W ↔ W-B	IG switch ON and terminals Ts-E ₁ of check connector connected	Below 1.0
		IG switch ON and terminals Ts-E ₁ of check connector not connected	10 – 14
PKB (A53 – 13) – GND (A52 – 6, 31, A53 – 8, 17)	R-W ↔ W-B	IG switch ON, parking brake switch ON	Below 1.5
		IG switch ON, parking brake switch OFF	10 – 14
ENG+ (A53 – 14) – ENG – (A53 – 22)	R ↔ G	IG switch ON	Pulse generation
RL+ (A53 – 18) – RL– (A53 – 19)	R ↔ G	IG switch ON, slowly turn left rear wheel	AC generation
RR+ (A53 – 20) – RR– (A53 – 21)	B ↔ W	IG switch ON, slowly turn right rear wheel	AC generation
TRC+ (A53 – 24) – TRC– (A53 – 16)	Y ↔ L	IG switch ON	Pulse generation
VGS (A54 –1) – GGND (A53 – 21)	B ↔ P	IG switch ON	4.5 – 5.5
EXI (A54 –3) – GND (A52 – 6, 31, A53 – 8, 17)	P-B ↔ W-B	IG switch ON, center diff. lock switch ON	Below 2.0
		IG switch ON, center diff. lock switch OFF	10 – 14
VSCW (A54 –4) – GND (A52 – 6, 31, A53 – 8, 17)	L-W ↔ W-B	IG switch ON, VSC TRC warning light ON	Below 2.0
		IG switch ON, VSC TRC warning light OFF	10 – 14
BRL (A54 –5) – GND (A52 – 6, 31, A53 – 8, 17)	Y-G ↔ W-B	IG switch ON, BRAKE warning light ON	Below 2.0
		IG switch ON, BRAKE warning light OFF	10 – 14
IND (A54 –6) – GND (A52 – 6, 31, A53 – 8, 17)	L-B ↔ W-B	IG switch ON, SLIP indicator light ON	Below 2.0
		IG switch ON, SLIP indicator light OFF	10 – 14
WT (A54 –7) – GND (A52 – 6, 31, A53 – 8, 17)	L-R ↔ W-B	IG switch ON, VSC OFF indicator light ON	Below 2.0
		IG switch ON, VSC OFF indicator light OFF	10 – 14
EXI3 (A54 –8) – GND (A52 – 6, 31, A53 – 8, 17)	B-L ↔ W-B	IG switch ON, transfer in L4 position	8 – 14
		IG switch ON, transfer in any range except L4 position	Below 1.5
VYS (A54 –9) – GYAW (A54 –28)	W-L ↔ W-R	IG switch ON	4.5 – 5.5

GL2 (A54 – 10) – GGND (A54 – 21)	Y ↔ P	IG switch ON, vehicle is placed on the horizontal surface	2.0 – 3.0
SS1+ (A54 – 14) – SS1– (A54 – 23)	W ↔ G	Engine idling, slowly turn steering wheel	Pulse generation
INFR (A54 – 15) – GND (A52 – 6, 31, A53 – 8, 17)	B–R ↔ W–B	IG switch ON, ACTIVE TRC indicator light ON	Below 1.5
		IG switch ON, ACTIVE TRC indicator light OFF	10 – 14
YD (A54 – 19) – GND (A52 – 6, 31, A53 – 8, 17)	L ↔ W–B	Approx. 1 sec. after IG switch ON	4.5 – 5.3
GGND (A54 – 21) – GND (A52 – 6, 31, A53 – 8)	P ↔ W–B	IG switch OFF	Below 0.3
GL1 (A54 – 22) – GGND (A54 – 21)	V ↔ P	IG switch ON, vehicle is placed on the horizontal surface	2.0 – 3.0
FLO (A54 – 24) – GND (A52 – 6, 31, A53 – 8, 17)	R–Y ↔ W–B	Vehicle driving at about 20 km/h (12 mph)	Pulse generation
GYAW (A54 – 27) – GND (A52 – 6, 31, A53 – 8, 17)	W–R ↔ W–B	IG switch OFF	Continuity
YAW (A54 – 28) – GYAW (A54 – 27)	W ↔ W–R	IG switch ON, vehicle is in stationary condition	2 – 3
SRLR (A55 – 1) – GND (A52 – 6, 31, A53 – 8, 17)	R–G ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
MR2 (A55 – 2) – R2+ (A55 – 3)	Y–B ↔ W–L	IG switch ON, hydraulic brake booster pump motor stops	Below 1.0
AST (A55 – 6) – GND (A52 – 6, 31, A53 – 8, 17)	R–Y ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
SRLH (A55 – 7) – GND (A52 – 6, 31, A53 – 8, 17)	R–W ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
SFRR (A55 – 8) – GND (A52 – 6, 31, A53 – 8, 17)	B–W ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
PL (A55 – 9) – GND (A52 – 6, 31, A53 – 8, 17)	W ↔ W–B	IG switch ON, pressure switch ON	3 – 5
		IG switch ON, pressure switch OFF	7 – 11
AHC0 (A55 – 13) – GND (A52 – 6, 31, A53 – 8, 17)	R ↔ W–B	IG switch ON	Pulse generation
AHC1 (A55 – 14) – GND (A52 – 6, 31, A53 – 8, 17)	R–W ↔ W–B	IG switch ON	Pulse generation
SFRH (A55 – 16) – GND (A52 – 6, 31, A53 – 8, 17)	LG ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
WAHC (A55 – 18) – GND (A52 – 6, 31, A53 – 8, 17)	B–R ↔ W–B	IG switch ON, AHC indicator ON	2 – 6
		IG switch ON, AHC indicator OFF	Below 2.0
IG2 (A55 – 22) – GND (A52 – 6, 31, A53 – 8, 17)	*1 B–W ↔ W–B *2 B–R ↔ W–B	IG switch ON	10 – 14

*1: LHD

*2: RHD