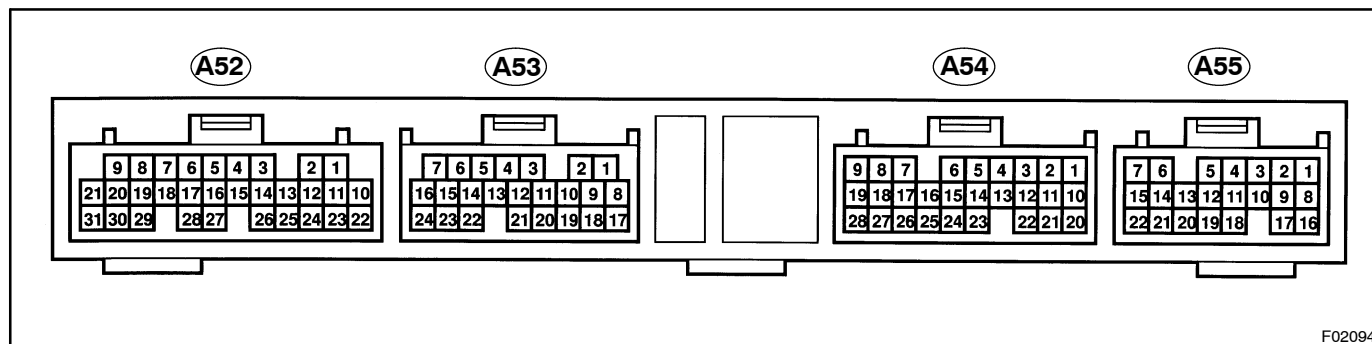


## TERMINALS OF ECU



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 – 12)	R ↔ W	IG switch ON, stop light switch OFF	0.3 – 0.7
E2 (A52 – 12) – 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
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 <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 (A53 – 12) – GND (A52 – 6, 31, A53 – 8, 17)	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
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
EXI2 (A54 – 2) – 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
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	10 – 14
		IG switch ON, BRAKE warning light OFF	Below 2.0
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
VYS (A54 – 9) – GYAW (A54 – 27)	W-L ↔ W-R	IG switch ON	4.5 – 5.5
GL2 (A54 – 10) – GYAW (A54 – 27)	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
GL1 (A54 – 22) – GYAW (A54 – 27)	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
AFS+ (A55 – 5) – AFS – (A53 – 13)	R ↔ G	IG switch ON	Pulse generation
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
SFRH (A55 – 16) – GND (A52 – 6, 31, A53 – 8, 17)	LG ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
VSC+ (A55 – 17) – VSC– (A55 – 18)	Y ↔ L	IG switch ON	Pulse generation
TRIG (A55 – 20) – GND (A52 – 6, 31, A53 – 8, 17)	Y ↔ L	IG switch ON, ABS warning light OFF	10 – 14
+BO (A55 – 21) – GND (A52 – 6, 31, A53 – 8, 17)	Y ↔ L	IG switch ON	10 – 14
IG2 (A55 – 22) – GND (A52 – 6, 31, A53 – 8, 17)	*1 B–W ↔ W–B	IG switch ON	10 – 14
	*2 B–R ↔ W–B		

\*1: LHD

\*2: RHD