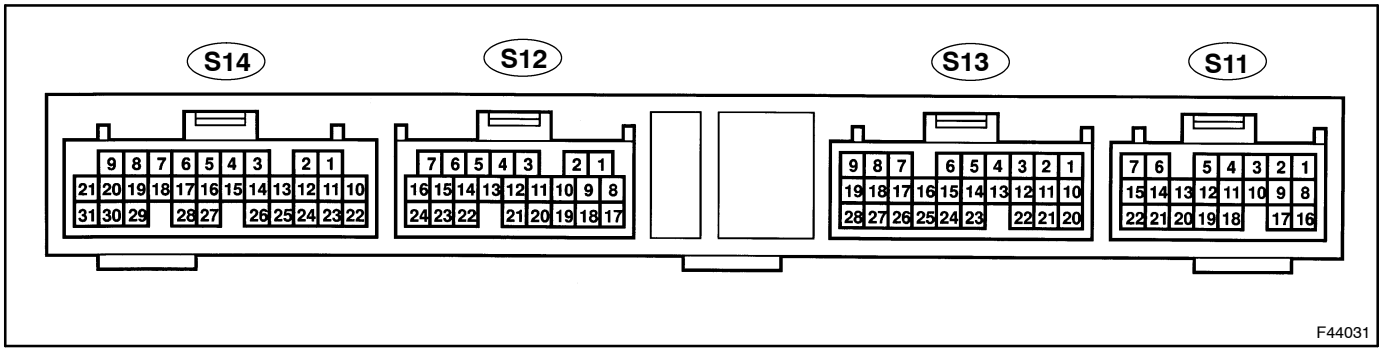
05AAS–01

TERMINALS OF ECU



Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
SRLR (S11 – 1) – GND (S12 – 8, 17, S14 – 6, 31)	Y–B ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
MR2 (S11 – 2) – R2+ (S11 – 3)	LG–B ↔ GR–B	IG switch ON, hydraulic brake booster pump motor running	10 – 14
HDCW*2 (S11 – 4) – GND (S12 – 8, 17, S14 – 6, 31)	BR–Y ↔ W–B	IG switch ON, DAC indicator light ON	Below 2.0
		IG switch ON, DAC indicator light OFF	10 – 14
AST (S11 – 6) – GND (S12 – 8, 17, S14 – 6, 31)	Y–R ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
SRLH (S11 – 7) – GND (S12 – 8, 17, S14 – 6, 31)	Y–G ↔ W–B	IG switch ON, ABC warning light OFF	10 – 14
SFRR (S11 – 8) – GND (S12 – 8, 17, S14 – 6, 31)	V–G ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
PL (S11 – 9) – GND (S12 – 8, 17, S14 – 6, 31)	G–Y ↔ W–B	IG switch ON, pressure switch ON	3 – 5
		IG switch ON, pressure switch OFF	7 – 11
STP2*2 (S11 – 14) – GND (S12 – 8, 17, S14 – 6, 31)	G–Y ↔ W–B	Stop light switch OFF	Below 1.5
		Stop light switch ON	8 – 14
+BI (S11 – 15) – GNE (S12 – 8, 17, S14 – 6, 31)	W–R ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
SFRH (S11 – 16) – GND (S12 – 8, 17, S14 – 6, 31)	V–R ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
TRIG (S11 – 20) – GNE (S12 – 8, 17, S14 – 6, 31)	GR–R ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
+BO (S11 – 21) – GNE (S12 – 8, 17, S14 – 6, 31)	W–R ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
IG2 (S11 – 22) – GND (S12 – 8, 17, S14 – 6, 31)	B–O ↔ W–B	IG switch ON	10 – 14
WA (S12 – 1) – GND (S12 – 8, 17, S14 – 6, 31)	LG–R ↔ W–B	IG switch ON, ABS warning light ON	10 – 14
		IG switch ON, ABS warning light OFF	Below 2.0
BZ (S12 – 2) – GND (S12 – 8, 17, S14 – 6, 31)	GR–G ↔ W–B	IG switch ON, VSC buzzer is sounded	Below 1.0 ↔ 10 – 14
		IG switch ON, VSC buzzer is not sounded	10 – 14
DG (S12 – 3) – GND (S12 – 8, 17, S14 – 6, 31)	R–Y ↔ W–B	IG switch ON	10 – 14
R (S12 – 4) – GND (S12 – 8, 17, S14 – 6, 31)	R–Y ↔ W–B	IG switch ON, back–up light switch ON	10 – 14
		IG switch ON, back–up light switch OFF	Below 1.5
P (S12 – 5) – GND (S12 – 8, 17, S14 – 6, 31)	G–B ↔ W–B	IG switch ON, PNP switch in P position	10 – 14
		IG switch ON, PNP switch in except P position	Below 1.5

IG1 (S12 – 6) – GND (S12 – 8, 17, S14 – 6, 31)	B–R ↔ W–B	IG switch ON	10 – 14
NEO (S12 – 7) – GND (S12 – 8, 17, S14 – 6, 31)	P ↔ W–B	Engine idling	Pulse generation
RSS (S12 – 9) – GND (S12 – 8, 17, S14 – 6, 31)	BR–B ↔ W–B	IG switch OFF	Continuity
STP (S12 – 10) – GND (S12 – 8, 17, S14 – 6, 31)	G–Y ↔ W–B	IG switch ON	10 – 14
Tc (S12 – 11) – GND (S12 – 8, 17, S14 – 6, 31)	P–L ↔ W–B	IG switch ON and terminals Tc–E_1 of DLC1 connected	Below 1.5
		IG switch ON and terminals Tc–E_1 of DLC1 not connected	10 – 14
Ts (S12 – 12) – GND (S12 – 8, 17, S14 – 6, 31)	R–B ↔ W–B	IG switch ON and terminals Ts–E_1 of DLC1 connected	Below 1.5
		IG switch ON and terminals Ts–E_1 of DLC1 not connected	10 – 14
PKB (S12 – 13) – GND (S12 – 8, 17, S14 – 6, 31)	LG ↔ W–B	IG switch ON, parking brake switch ON	Below 1.5
		IG switch OFF, parking brake switch OFF	10 – 14
ENG+ (S12 – 14) – ENG– (S12 – 22)	R ↔ W	Engine idling	Pulse generation
HDCS (S12 – 15) – GND (S12 – 8, 17, S14 – 6, 31)	R–G ↔ W–B	IG switch ON, DAC switch OFF	10 – 14
		IG switch ON, DAC switch ON	Below 1.5
RL+ (S12 – 18) – GND (S12 – 8, 17, S14 – 6, 31)	R ↔ W–B	IG switch ON	9 – 14
RL– (S12 – 19) – GND (S12 – 8, 17, S14 – 6, 31)	G ↔ W–B	IG switch ON, left rear wheel is turned slowly	Pulse generation
RR+ (S12 – 20) – GND (S12 – 8, 17, S14 – 6, 31)	B ↔ W–B	IG switch ON	9 – 14
RR– (S12 – 21) – GND (S12 – 8, 17, S14 – 6, 31)	W ↔ W–B	IG switch ON, right rear wheel is turned slowly	Pulse generation
CD (S12 – 23) – GND (S12 – 8, 17, S14 – 6, 31)	G–W ↔ W–B	IG switch ON, center diff. lock indicator ON	Below 2.0
		IG switch ON, center diff. lock indicator OFF	10 – 14
TRC+ (S12 – 24) – TRC– (S12 – 16)	B ↔ Y	Engine idling	Pulse generation
EXI2*[1] (S13 – 2) – GND (S12 – 8, 17, S14 – 6, 31)	G–W ↔ W–B	IG switch ON, transfer in L4 position	Below 2.0
		IG switch ON, transfer in except L4 position	10 – 14
EXI (S13 – 3) – GND (S12 – 8, 17, S14 – 6, 31)	G–W ↔ W–B	IG switch ON, center diff. lock switch ON	Below 2.0
		IG switch ON, center diff. lock switch OFF	10 – 14
VSCW (S13 – 4) – GND (S12 – 8, 17, S14 – 6, 31)	Y–R ↔ W–B	IG switch ON, VSC TRAC warning light ON	Below 2.0
		IG switch ON, VSC TRAC warning light OFF	10 – 14
BRL (S13 – 5) – GND (S12 – 8, 17, S14 – 6, 31)	B–L ↔ W–B	IG switch ON, brake warning light ON	10 – 14
		IG switch ON, brake warning light OFF	Below 2.0
IND (S13 – 6) – GND (S12 – 8, 17, S14 – 6, 31)	R ↔ W–B	IG switch ON, SLIP indicator light ON	Below 2.0
		IG switch ON, SLIP indicator light OFF	10 – 14
WT (S13 – 7) – GND (S12 – 8, 17, S14 – 6, 31)	L–O ↔ W–B	IG switch ON, VSC OFF indicator light ON	Below 2.0
		IG switch ON, VSC OFF indicator light OFF	10 – 14
AHCO (S13 – 8) – GND (S12 – 8, 17, S14 – 6, 31)	B–L ↔ W–B	Vehicle drive at about 20 km/h (12mph)	Pulse generation
VYS (S13 – 9) – GND (S12 – 8, 17, S14 – 6, 31)	L ↔ W–B	IG switch ON	4.5 – 5.5
GL2 (S13 – 10) – GYAW (S13 – 27)	W ↔ B	IG switch ON, vehicle is placed on the horizontal surface	2.0 – 3.0

SS1+ (S13 – 14) – SS1– (S13 – 23)	L ↔ P	Engine idling, steering wheel is turned slowly.	Pulse generation
SP1*2 (S13 – 16) – GND (S12 – 8, 17, S14 – 6, 31)	P–L ↔ W–B	Vehicle drive at about 20 km/h (12mph)	Pulse generation
EXI4*2 (S13 – 17) – GND (S12 – 8, 17, S14 – 6, 31)	G–W ↔ W–B	IG switch ON, transfer in L4 position	Below 2.0
		IG switch ON, transfer in except L4 position	10 – 14
YSS (S13 – 18) – GND (S12 – 8, 17, S14 – 6, 31)	(Shielded) ↔ W–B	IG switch OFF	Continuity
YD (S13 – 19) – GYAW (S13 – 27)	G ↔ B	IG switch ON, vehicle is placed on the horizontal surface	4.5 – 5.3
GL1 (S13 – 22) – GYAW (S13 – 27)	R ↔ B	IG switch ON, ABS warning light OFF	2.0 – 3.0
FRO (S13 – 24) – GND (S12 – 8, 17, S14 – 6, 31)	L–R ↔ W–B	Vehicle driving at about 20 km/h (12mph)	Pulse generation
FLO (S13 –25) – GND (S12 – 8, 17, S14 – 6, 31)	L–O ↔ W–B	Vehicle driving at about 20 km/h (12mph)	Pulse generation
GYAW (S13 – 27) – GND (S12 – 8, 17, S14 – 6, 31)	B ↔ W–B	IG switch OFF	Continuity
YAW (S13 – 28) – GYAW (S13 – 27)	Y ↔ B	IG switch ON, ABS warning light OFF	2.42 – 2.58
SA1 (S14 – 2) – GND (S12 – 8, 17, S14 – 6, 31)	L–O ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
SA2 (S14 – 3) – GND (S12 – 8, 17, S14 – 6, 31)	L–W ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
SA3 (S14 – 4) – GND (S12 – 8, 17, S14 – 6, 31)	L ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
STR (S14 – 5) – GND (S12 – 8, 17, S14 – 6, 31)	L–R ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
SFLR (S14 – 7) – GND (S12 – 8, 17, S14 – 6, 31)	L–B ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
SRRH (S14 – 8) – GND (S12 – 8, 17, S14 – 6, 31)	L–Y ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
SRRR (S14 – 9) – GND (S12 – 8, 17, S14 – 6, 31)	Y ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
VCM (S14 – 10) – GND (S12 – 8, 17, S14 – 6, 31)	B ↔ W–B	IG switch ON	4.5 – 5.5
PH (S14 – 11) – GND (S12 – 8, 17, S14 – 6, 31)	R–W ↔ W–B	IG switch ON, pressure switch (PH) ON	Below 0.9
		IG switch ON, pressure switch (PH) OFF	5 – 8
FR– (S14 – 13) – GND (S12 – 8, 17, S14 – 6, 31)	P ↔ W–B	IG switch ON, right front wheel is turned slowly	Pulse generation
FR+ (S14 – 14) – GND (S12 – 8, 17, S14 – 6, 31)	L ↔ W–B	IG switch ON	9 – 14
FL– (S14– 15) – GND (S12 – 8, 17, S14 – 6, 31)	R ↔ W–B	IG switch ON, left front wheel is turned slowly	Pulse generation
FL+ (S14 – 16) – GND (S12 – 8, 17, S14 – 6, 31)	G ↔ W–B	IG switch ON	9 – 14
SR (S14 – 19) – R1+ (S14 – 1)	BR–Y ↔ B–Y	IG switch ON, ABS warning light OFF	10 – 14
STPO*2 (S14 – 20) – GND (S12 – 8, 17, S14 – 6, 31)	LG ↔ W–B	IG switch ON	10 – 14

SFLH (S14 – 21) – GND (S12 – 8, 17, S14 – 6, 31)	V ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
PMC (S14 – 22) – E2 (S14 – 12)	W ↔ R	IG switch ON, stop light switch released	0.3 – 0.7
MSS (S14 – 23) – GND (S12 – 8, 17, S14 – 6, 31)	(Shielded) ↔ W–B	IG switch OFF	Continuity
FSS (S14 – 25) – GND (S12 – 8, 17, S14 – 6, 31)	BR ↔ W–B	IG switch OFF	Continuity
MTT (S14 – 27) – GND (S12 – 8, 17, S14 – 6, 31)	BR–B ↔ W–B	IG switch ON, (Motor relay is OFF)	Below 1.5
MT+ (S14 – 28) – MT– (S14 – 18)	BR–W ↔ BR–R	IG switch ON, (Motor relay is OFF)	Below 1.5
MR1 (S14 – 29) – R1+ (S14 – 1)	V–Y ↔ R–B	IG switch ON, hydraulic brake booster pump motor running	10 – 14

*1: M/T
*2: A/T