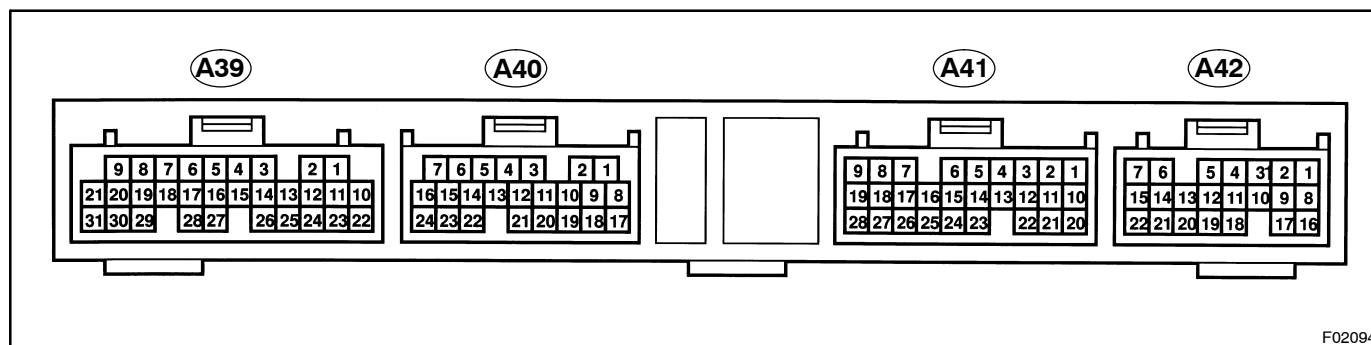


TERMINALS OF ECU



F02094

Symbols (Terminals No.)	Wiring Color	Condition	STD Voltage (V)
SA1 (A39 - 2) - GND (A39 - 6, 31, A40 - 8, 17)	G ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
SA2 (A39 - 3) - GND (A39 - 6, 31, A40 - 8, 17)	B ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
SA3 (A39 - 4) - GND (A39 - 6, 31, A40 - 8, 17)	G-W ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
STR (A39 - 5) - GND (A39 - 6, 31, A40 - 8, 17)	G-Y ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
SFLR (A39 - 7) - GND (A39 - 6, 31, A40 - 8, 17)	B-Y ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
SRRH (A39 - 8) - GND (A39 - 6, 31, A40 - 8, 17)	W ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
SRRR (A39 - 9) - GND (A39 - 6, 31, A40 - 8, 17)	B-O ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14
VCM (A39 - 10) - GND (A39 - 6, 31, A40 - 8, 17)	B ↔ W-B	IG switch ON	4.5 - 5.5
PH (A39 - 11) - GND (A39 - 6, 31, A40 - 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+ (A39 - 14) - FR- (A39 - 13)	L ↔ P	IG switch ON, slowly turn right front wheel	AC generation
FL+ (A39 - 16) - FL- (A39 - 15)	R ↔ G	IG switch ON, slowly turn left front wheel	AC generation
SR (A39 - 19) - R1+ (A39 - 1)	G-Y ↔ P	IG switch ON, ABS warning light OFF	10 - 14
SFLH (A39 - 21) - GND (A39 - 6, 31, A40 - 8, 17)	Y ↔ R-W	IG switch ON, ABS warning light OFF	10 - 14
PMC (A39 - 22) - E2 (A39 - 23)	R ↔ W	IG switch ON, stop light switch OFF	0.3 - 0.7
E2 (A39 - 23) - GND (A39 - 6, 31, A40 - 8)	W ↔ W-B	IG switch OFF	Continuity
MT (A39 - 27) - GND (A39 - 6, 31, A40 - 8, 17)	B-R ↔ W-B	IG switch ON (Motor relay is OFF)	Below 1.5
MT+ (A39 - 28) - MT- (A39 - 18)	L ↔ GR	IG switch ON	Pulse generation
MR1 (A39 - 29) - R1+ (A39 - 1)	R ↔ P	IG switch ON, hydraulic brake booster pump motor stops	Below 1.0
WA (A40 - 1) - GND (A39 - 6, 31, A40 - 8, 17)	P-L ↔ W-B	IG switch ON, ABS warning light OFF	10 - 14

2000 LEXUS LX470 (RM745U)

Author :

Date :

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BZ (A40 – 2) – GND (A39 – 6, 31, A40 – 8, 17)	L ↔ W-B	IG switch ON, VSC buzzer is not sounded	10 – 14
D/G (A40 – 3) – GND (A39 – 6, 31, A40 – 8, 17)	V-W ↔ W-B	IG switch ON	10 – 14
R (A40 – 4) – GND (A39 – 6, 31, A40 – 8, 17)	R-B ↔ W-B	IG switch ON, shift lever is in R position	10 – 14
P (A40 – 5) – GND (A39 – 6, 31, A40 – 8, 17)	G-W ↔ W-B	IG switch ON, shift lever is in P position	10 – 14
IG1 (A40 – 6) – GND (A39 – 6, 31, A40 – 8, 17)	B-W ↔ W-B	IG switch ON	10 – 14
NEO (A40 – 7) – GND (A39 – 6, 31, A40 – 8, 17)	W ↔ W-B	Engine idling	Pulse generation
STP (A40 – 10) – GND (A39 – 6, 31, A40 – 8)	G-W ↔ W-B	Stop light switch pushed in	Below 1.5
		Stop light switch released	2 – 5
Tc (A40 – 11) – GND (A39 – 6, 31, A40 – 8, 17)	P-B ↔ W-B	IG switch ON and terminals Tc-E ₁ of DLC1 connected	Below 1.0
		IG switch ON and terminals Tc-E ₁ of DLC1 not connected	10 – 14
Ts (A40 – 12) – GND (A39 – 6, 31, A40 – 8, 17)	W ↔ W-B	IG switch ON and terminals Ts-E ₁ of DLC1 connected	Below 1.0
		IG switch ON and terminals Ts-E ₁ of DLC1 not connected	10 – 14
PKB (A40 – 13) – GND (A39 – 6, 31, A40 – 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+ (A40 – 14) – ENG – (A40 – 22)	R ↔ G	IG switch ON	Pulse generation
RL+ (A40 – 18) – RL– (A40 – 19)	R ↔ G	IG switch ON, slowly turn left rear wheel	AC generation
RR+ (A40 – 20) – RR– (A40 – 21)	B ↔ W	IG switch ON, slowly turn right rear wheel	AC generation
TRC+ (A40 – 24) – TRC– (A40 – 16)	Y ↔ L	IG switch ON	Pulse generation
VGS (A41 – 1) – GGND (A40 – 21)	B ↔ P	IG switch ON	4.5 – 5.5
EXI (A41 – 3) – GND (A39 – 6, 31, A40 – 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 (A41 – 4) – GND (A39 – 6, 31, A40 – 8, 17)	L-W ↔ W-B	IG switch ON, VSC TRAC warning light ON	Below 2.0
		IG switch ON, VSC TRAC warning light OFF	10 – 14
BRL (A41 – 5) – GND (A39 – 6, 31, A40 – 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 (A41 – 6) – GND (A39 – 6, 31, A40 – 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 (A41 – 7) – GND (A39 – 6, 31, A40 – 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 (A41 – 8) – GND (A39 – 6, 31, A40 – 8, 17)	B-L ↔ W-B	IG switch ON, transfer in L4 position	8 – 14
		IG switch ON, transfer in any position except L4 position	Below 1.5
VYS (A41 – 9) – GYAW (A41 – 28)	W-L ↔ W-B	IG switch ON	4.5 – 5.5
GL2 (A41 – 10) – GGND (A41 – 21)	Y ↔ G	IG switch ON, vehicle is placed on the horizontal surface	2.0 – 3.0
SS1+ (A41 – 14) – SS1– (A41 – 23)	W ↔ G	Engine idling, slowly turn steering wheel	Pulse generation (See page DI-355)

INFR (A41 – 15) – GND (A39 – 6, 31, A40 – 8, 17)	B–R ↔ W–B	IG switch ON, ACTIVE TRAC indicator light ON	Below 1.5
		IG switch ON, ACTIVE TRAC indicator light OFF	10 – 14
YD (A41 – 19) – GND (A39 – 6, 31, A40 – 8, 17)	L ↔ W–B	Approx. 1 sec. after IG switch ON	4.5 – 5.3
GGND (A41 – 21) – GND (A39 – 6, 31, A40 – 8)	P ↔ W–B	IG switch OFF	Below 0.3
GL1 (A41 – 22) – GGND (A41 – 21)	V ↔ G	IG switch ON, vehicle is placed on the horizontal surface	2.0 – 3.0
FLO (A41 – 24) – GND (A39 – 6, 31, A40 – 8, 17)	R–Y ↔ W–B	Vehicle driving at about 20 km/h (12 mph)	Pulse generation
GYAW (A41 – 27) – GND (A39 – 6, 31, A40 – 8, 17)	W–R ↔ W–B	IG switch OFF	Continuity
YAW (A41 – 28) – GYAW (A41 – 27)	W ↔ W	IG switch ON, vehicle is in stationary condition	2 – 3
SRLR (A42 – 1) – GND (A39 – 6, 31, A40 – 8, 17)	R–G ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
MR2 (A42 – 2) – R2+ (A42 – 3)	Y–B ↔ W–L	IG switch ON, hydraulic brake booster pump motor stops	Below 1.0
AST (A42 – 6) – GND (A39 – 6, 31, A40 – 8, 17)	R–Y ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
SRLH (A42 – 7) – GND (A39 – 6, 31, A40 – 8, 17)	R–W ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
SFRH (A42 – 8) – GND (A39 – 6, 31, A40 – 8, 17)	B–W ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
PL (A42 – 9) – GND (A39 – 6, 31, A40 – 8, 17)	W ↔ W–B	IG switch ON, pressure switch ON	3 – 5
		IG switch ON, pressure switch OFF	7 – 11
AHCO (A42 – 13) – GND (A39 – 6, 31, A40 – 8, 17)	R ↔ W–B	IG switch ON	Pulse generation
AHCI (A42 – 14) – GND (A39 – 6, 31, A40 – 8, 17)	R–W ↔ W–B	IG switch ON	Pulse generation
SFRH (A42 – 16) – GND (A39 – 6, 31, A40 – 8, 17)	LG ↔ W–B	IG switch ON, ABS warning light OFF	10 – 14
WAHC (A42 – 18) – GND (A39 – 6, 31, A40 – 8, 17)	B–R ↔ W–B	IG switch ON, AHC indicator ON	10 – 14
		IG switch ON, AHC indicator OFF	Below 2.0
IG2 (A42 – 22) – GND (A39 – 6, 31, A40 – 8, 17)	B–W ↔ W–B	IG switch ON	10 – 14