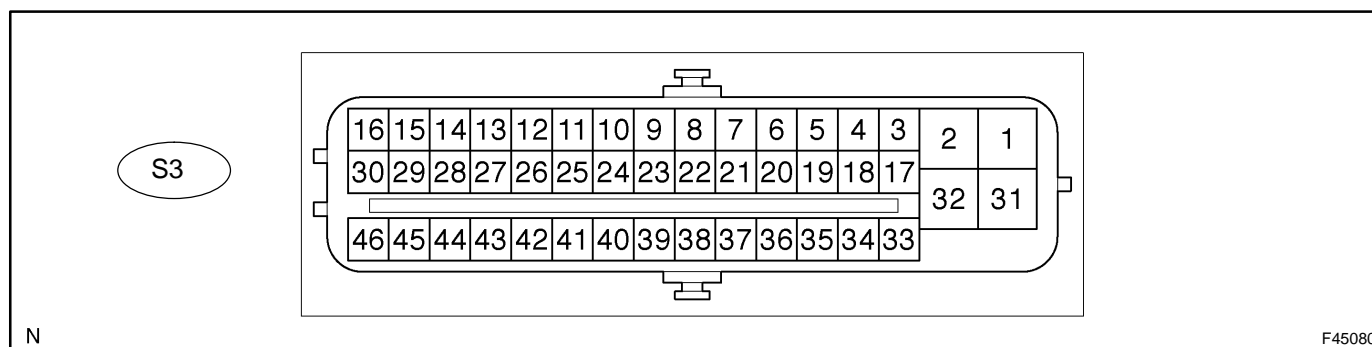


## TERMINALS OF ECU



Symbols (Terminals No.)	Wiring Color	Condition	Terminal Description	STD Voltage (V)
BM (S3 - 2) - GND (S3 - 1, 32)	B-R - W-B	IG switch ON, pump motor running	Motor relay test input	11 to 14
FR+ (S3 - 3) - FR- (S3 - 17)	BR-Y - BR	IG switch ON, slowly turn right front wheel	Front RH wheel speed signal input	AC generation
FL+ (S3 - 18) - FL- (S3 - 4)	R - G	IG switch ON, slowly turn left front wheel	Front LH wheel speed signal input	AC generation
RR+ (S3 - 5) - RR- (S3 - 19)	LG-B - LG-R	IG switch ON, slowly turn right rear wheel	Rear RH wheel speed signal input	AC generation
RL+ (S3 - 20) - RL- (S3 - 6)	Y - B	IG switch ON, slowly turn left rear wheel	Rear LH wheel speed signal input	AC generation
TRC+ (S3 - 8) - TRC- (S3 - 22)	GR-R - L-B	IG switch ON	ECM communication output	Pulse generation
ENG+ (S3 - 9) - ENG - (S3 - 23)	LG-B - LG-R	IG switch ON	ECM communication input	Pulse generation
NEO (S3 - 10) - GND (S3 - 1, 32)	V - W-B	Engine idling	Engine rpm signal input	Pulse generation
CANH (S3 - 11) - CANL (S3 - 25)	B - W	IG switch ON	CAN communication line	Pulse generation
D/G (S3 - 13) - GND (S3 - 1, 32)	W - W-B	IG switch ON	Diagnostic communication line	11 to 14
MRF (S3 - 14) - R+ (S3 - 45)	B - R	IG switch ON	Fail safe motor relay output	11 to 14
MR (S3 - 15) - R+ (S3 - 45)	L - R	IG switch ON, pump motor running	Motor relay output	11 to 14
+BS (S3 - 31) - GND (S3 - 1, 32)	B - W-B	Always	Solenoid relay power supply	11 to 14
STP1 (S3 - 27) - GND (S3 - 1, 32)	G-W - W-B	Stop light switch ON (Brake pedal pushed)	Stop light input signal	8 to 14
		Stop light switch OFF (Brake pedal released)	Stop light input signal	Below 1.5
PKB (S3 - 28) - GND (S3 - 1, 32)	B - W-B	IG switch ON, parking brake switch ON	Parking brake switch input	Below 1.5
		IG switch ON, parking brake switch OFF	Parking brake switch input	11 to 14
WA (S3 - 29) - GND (S3 - 1, 32)	P - W-B	IG switch ON, ABS warning light ON	ABS warning light output	11 to 14
		IG switch ON, ABS warning light OFF	ABS warning light output	Below 2.0
Bz (S3 - 30) - GND (S3 - 1, 32)	R-W - W-B	IG switch ON, VSC buzzer sounds	Buzzer output	Below 1.0 to 11 to 14
		IG switch ON, VSC buzzer does not sound	Buzzer output	11 to 14
VSCW (S3 - 36) - GND (S3 - 1, 32)	BR-W - W-B	IG switch ON, VSC warning light ON	VSC warning light output	Below 2.0
		IG switch ON, VSC warning light OFF	VSC warning light output	11 to 14
WFSE (S3 - 42) - GND (S3 - 1, 32)	R - W-B	IG switch ON	WIFSE input	11 to 14
CSW (S3 - 43) - GND (S3 - 1, 32)	W-L - W-B	TRAC OFF switch OFF	TRAC OFF switch input	11 to 14

Symbols (Terminals No.)	Wiring Color	Condition	Terminal Description	STD Voltage (V)
BRL (S3 – 44) – GND (S3 – 1, 32)	B-W – W-B	IG switch ON, BRAKE warning light ON	Brake warning line output	11 to 14
		IG switch ON, BRAKE warning light OFF	Brake warning line output	Below 2.0
R+ (S3 – 45) – GND (S3 – 1, 32)	R – W-B	IG switch ON, ABS warning light OFF	Power supply for motor relay	11 to 14
IG1 (S3 – 46) – GND (S3 – 1, 32)	B-L – W-B	IG switch ON	IG1 power supply	11 to 14