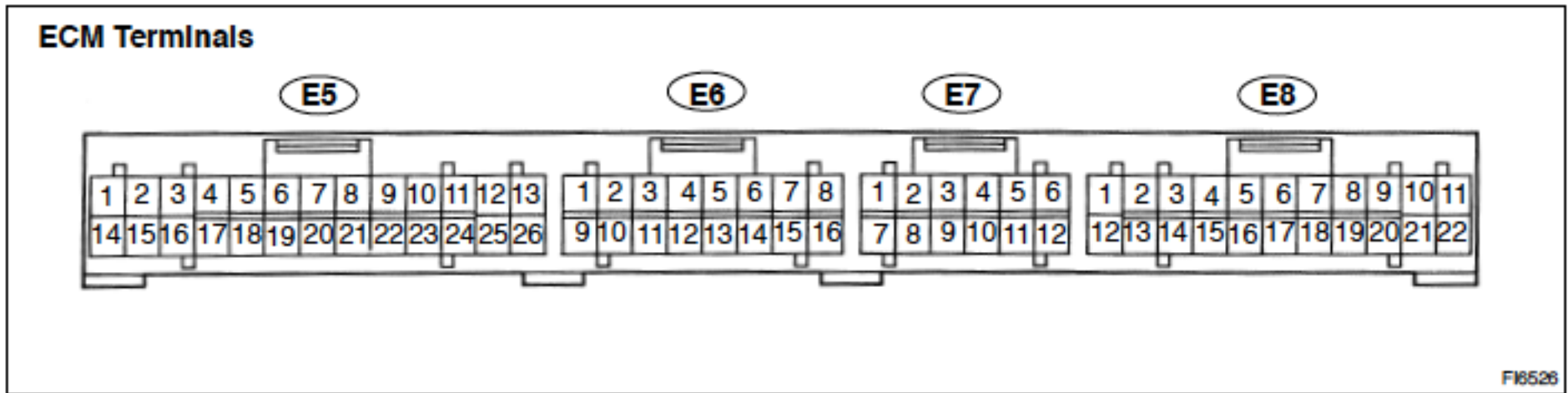


1998 4Runner 3RZ-FE 4x4 ECM terminals, manual vs. automatic
All data compiled from the 1998 factory service manual wiring guide



F16526

Connector	Pin	Manual Function	Auto Function	Manual Wire Color	Auto Wire Color	Error	Note
E5	1	HT2	HT2	R-W	R-W		
E5	2	HT1	HT1	P	P		
E5	3	EVP	EVP	B-W	B-W		
E5	4	IDLO	IDLO	Y-G	Y-G		
E5	6	RSC	RSC	P-L	P-L		
E5	7	RSO	RSO	B-R	B-R		
E5	8	N/A	S1	N/A DELETE	LG-R		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E5	9	#40	#40	R-L	R-L		
E5	10	#30	#30	G	G		
E5	11	#20	#20	W	W		

Connector	Pin	Manual Function	Auto Function	Manual Wire Color	Auto Wire Color	Error	Note
E5	12	#10	#10	R	R		
E5	13	E01	E01	BR	BR		
E5	14	FC	FC	G-Y	G-Y		
E5	15	TAC	TAC	B	B		
E5	16	N/A	OIL	N/A DELETE	V-Y		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E5	17	IGF	IGF	B-Y	B-Y		
E5	18	N/A	L4 (4WD)	N/A DELETE	L-R		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E5	20	N/A	SL	N/A DELETE	G-R		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E5	22	IGT2	IGT2	Y-B	Y-B		
E5	23	IGT1	IGT1	B-L	B-L		
E5	24	E1	E1	BR	BR		
E5	25	N/A	E03	N/A DELETE	BR		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E5	26	E02	E02	BR	BR		
E6	1	VCC	VCC	G-Y	G-Y		
E6	2	VG	VG	B-R	B-R		
E6	3	THA	THA	Y-G	Y-G		
E6	4	THW	THW	G-R	G-R		
E6	5	OX1	OX1	W	W		

Connector	Pin	Manual Function	Auto Function	Manual Wire Color	Auto Wire Color	Error	Note
E6	7	TE1	TE1	LG-B	LG-B		
E6	8	TPC	TPC	R-B	R-B		
E6	9	E2	E2	BR-B	BR-B		
E6	10	VTA	VTA	Y	Y		
E6	11	THG	THG	P	P		
E6	12	KNK	KNK	GR	GR		
E6	13	OX2	OX2	R	R		
E6	15	EGR	EGR	P-L	P-L		
E7	2	ELS	ELS	O (A/T)	O (A/T)		
E7	3	N/A	SP2-	N/A DELETE	W-R		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E7	5	G-	G-	V	V		
E7	6	NE-	NE-	G	G		
E7	7	E3	E3	R-W	R-W		
E7	9	N/A	SP2+	N/A DELETE	Y-R		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E7	10	PTNK	PTNK	LG-B	LG-B		
E7	11	G	G	P	P		
E7	12	NE	NE	R	R		
E8	2	BATT	BATT	L-R	L-R		

Connector	Pin	Manual Function	Auto Function	Manual Wire Color	Auto Wire Color	Error	Note
E8	3	N/A	OD2	N/A DELETE	L-O		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E8	4	W	W	V	V		
E8	6	ACT	ACT	L-B	L-B		
E8	7	AC1	AC1	L-Y	L-Y		
E8	8	SP1	SP1	G-O	G-O		
E8	10	4WD (W/ADD)	4WD (W/ADD)	G-B	G-B		
E8	11	STA	STA	B-W	B-W		
E8	12	+B	+B	W-L	W-L		
E8	13	N/A	TFN (4WD)	N/A DELETE	R-G		Present on ECT diagram only. 4WD only. Should be OK to delete with manual ECU swap.
E8	14	N/A	PWR	N/A DELETE	G-R		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E8	15	N/A	L	N/A DELETE	LG		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E8	16	N/A	2	N/A DELETE	V-R		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E8	17	N/A	R	N/A DELETE	R-Y		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E8	18	N/A	OD1 (W/CRUI)	N/A DELETE	BR-W		Present on ECT diagram only. W/Cruise Control. Should be OK to delete with manual ECU swap.
E8	19	SIL	SIL	W	W		
E8	21	BK	BK	G-W	G-W		
E8	22	NSW	NSW	B	B		