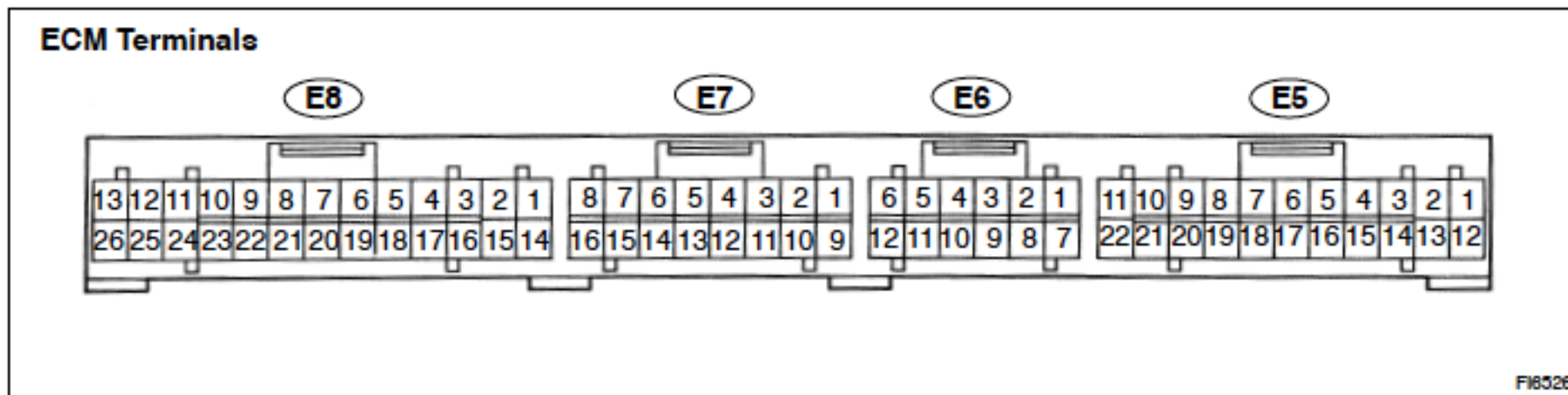


**1997 Tacoma 3RZ-FE 4x4 ECM terminals, manual vs. automatic**  
**All data compiled from the 1997 factory service manual wiring guide**

**For 3RZ-FE**



Connector	Pin	Manual Function	Auto Function	Manual Wire Color	Auto Wire Color	Error	Note
E5	2	BATT	BATT	B-Y	B-Y		
E5	3	N/A	OIL-W	N/A	V		
E5	4	W	W	V	V		
E5	5	N/A	OD2	N/A	L-O		
E5	6	ACT	ACT	L-B	L-B		
E5	7	AC1	AC1	L-Y	L-Y		
E5	8	N/A	SP1	N/A	G-O		
E5	10	4WD	4WD	G-W	G-W		

Connector	Pin	Manual Function	Auto Function	Manual Wire Color	Auto Wire Color	Error	Note
E5	11	STA	STA	B-W	B-W		
E5	12	+B	+B	W-R	W-R		
E5	13	TFN	TFN	R-G	R-G		IDENTIFIED AS "A/T" ON M/T DIAGRAM
E5	14	N/A	PWR	N/A	G-O		
E5	15	N/A	L	N/A	V-W		
E5	16	N/A	2	N/A	P		
E5	17	N/A	R	N/A	R-B		
E5	18	N/A	OD1	N/A	R-Y		
E5	19	SIL	SIL	W	W		
E5	21	BK	BK	G-W	G-W		
E5	22	NSW	NSW	B	B		IDENTIFIED AS "A/T" ON M/T DIAGRAM
E6	2	N/A	ELS	N/A	G-R		
E6	3	N/A	SP2-	N/A	W-R		
E6	5	G-	G-	L	L		
E6	6	NE-	NE-	G	G		
E6	7	E3	E3	BR-W	BR-W		
E6	9	N/A	SP2+	N/A	Y-R		
E6	10	SP1	SP1	G-O	G-O		

Connector	Pin	Manual Function	Auto Function	Manual Wire Color	Auto Wire Color	Error	Note
E6	11	G	G	Y	Y		
E6	12	NE	NE	R	R		
E7	1	VCC	VCC	G-Y	G-Y		
E7	2	VG	VG	GR-R	GR-R		
E7	3	THA	THA	Y-G	Y-G		
E7	4	THW	THW	G-R	G-R		
E7	5	OX1	OX1	W	W		
E7	7	TE1	TE1	V-W	V-W		
E7	9	E2	E2	BR-B	BR-B		
E7	10	VTA	VTA	Y	Y		
E7	11	THG	THG	P	P		
E7	12	KNK	KNK	B	B		
E7	13	OX2	OX2	B	B		
E7	15	EGR	EGR	P-B	P-B		
E8	1	HT2	HT2	R-W	R-W		
E8	2	HT1	HT1	P-G	P-G		
E8	3	EVP	EVP	W-G	W-G		
E8	4	IDLO	IDLO	L	L		

Connector	Pin	Manual Function	Auto Function	Manual Wire Color	Auto Wire Color	Error	Note
E8	6	RSC	RSC	B	B		
E8	7	RSO	RSO	B-R	B-R		
E8	8	TPC	S1	GR-G	V-Y	<b>Conflict!</b>	S1 SHIFT SOLENOID IS A/T ONLY
E8	9	#40	#40	Y-R	Y-R		
E8	10	#30	#30	W-G	W-G		
E8	11	#20	#20	W	W		
E8	12	#10	#10	W-R	W-R		
E8	13	E01	E01	BR	BR		
E8	14	FC	FC	G-Y	G-Y		
E8	16	<b>N/A</b>	OIL	<b>N/A</b>	Y-R		
E8	17	IGF	IGF	B-Y	B-Y		
E8	18	L4	L4	G	G		IDENTIFIED AS "A/T" ON M/T DIAGRAM
E8	20	<b>N/A</b>	SL	<b>N/A</b>	R-G		
E8	21	<b>N/A</b>	S2	<b>N/A</b>	LG		
E8	22	IGT2	IGT2	BR-Y	BR-Y		
E8	23	IGT1	IGT1	B-L	B-L		
E8	24	E1	E1	BR	BR		
E8	25	E03	E03	BR	BR		

Connector	Pin	Manual Function	Auto Function	Manual Wire Color	Auto Wire Color	Error	Note
E8	26	E02	E02	BR	BR		