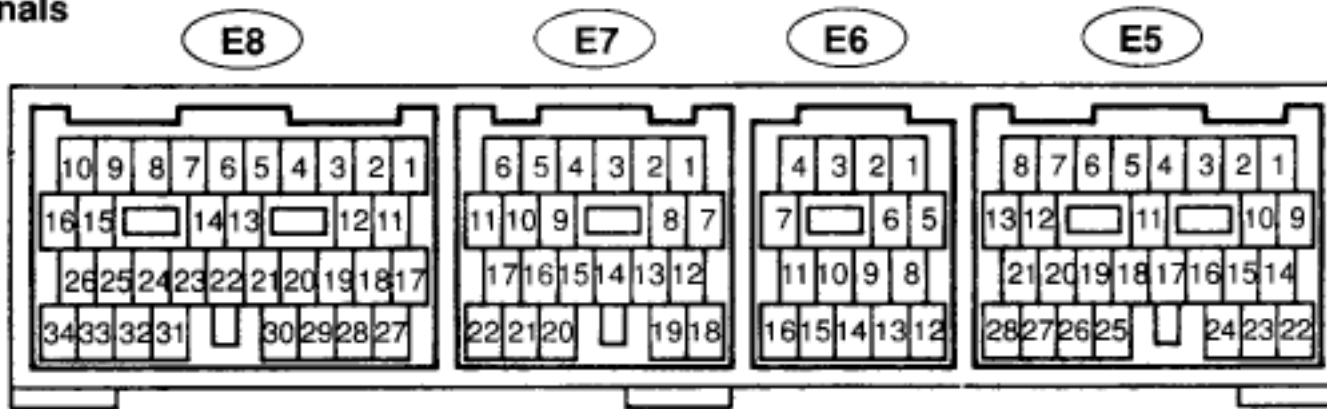


1999 Tacoma 5VZE 4x4 ECM terminals, manual vs. automatic
All data compiled from the 1999 factory service manual wiring guide

ECM Terminals



Connector	Pin	Manual Function	Auto Function	Manual Wire Color	Auto Wire Color	Error	Note
E5	1	N/A	L	N/A DELETE	V-W		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E5	5	ACT	ACT	L-B	L-B		
E5	6	N/A	OD2	N/A DELETE	L-O		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E5	7	N/A	OD1	N/A DELETE	R-Y		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E5	8	SIL	SIL	W	W		
E5	10	N/A	2	N/A DELETE	P		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E5	11	IDLO	IDLO	LG-R	LG-R		
E5	12	SP1	SP1	G-O	G-O		
E5	14	BATT	BATT	B-Y	B-Y		
E5	15	N/A	R	N/A DELETE	R-B		Present on ECT diagram only. Should be OK to delete with manual ECU swap.

Connector	Pin	Manual Function	Auto Function	Manual Wire Color	Auto Wire Color	Error	Note
E5	16	AC1	AC1	L-Y	L-Y		
E5	23	+B	+B	W-R	W-R		
E5	24	BK	BK	W	W		
E6	2	EVP	EVP	W-G	W-G		
E6	3	W	W	V-R	V-R		
E6	5	TE1	TE1	R	R		
E6	6	N/A	OIL-W	N/A DELETE	V		4WD A/T only. Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E6	7	E3	E3	BR-W	BR-W		
E6	8	TPC	TPC	GR-G	GR-G		
E6	9	TFN	TFN	R-G	R-G		4WD A/T ONLY
E6	10	HT2	HT2	SEE NOTE	SEE NOTE		R-W (A/T) R-G (M/T)
E6	11	HT1	HT1	P-L	P-L		
E6	12	EGR	EGR	R-W	R-W		2WD ONLY EXCEPT PRERUNNER
E6	13	PTNK	PTNK	R-Y	R-Y		
E6	14	THG	THG	P-G	P-G		2WD ONLY EXCEPT PRERUNNER
E6	16	E1	E1	BR	BR		
E7	1	VC	VC	G-B	G-B		
E7	4	N/A	SP2-	N/A DELETE	W-R		Present on ECT diagram only. Should be OK to delete with manual ECU swap.

Connector	Pin	Manual Function	Auto Function	Manual Wire Color	Auto Wire Color	Error	Note
E7	5	NE+	NE+	R	R		
E7	6	NE-	NE-	G	G		
E7	7	VTA	VTA	Y	Y		
E7	8	VG	VG	GR-R	GR-R		
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	12	N/A	PWR	N/A DELETE	G		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E7	13	OX1	OX1	W	W		
E7	14	KNK2	KNK2	GR	GR		
E7	15	KNK1	KNK1	B	B		
E7	17	G+	G+	Y	Y		
E7	18	FC	FC	G-Y	G-Y		
E7	19	OX2	OX2	B	B		
E7	20	THW	THW	G-R	G-R		
E7	21	THA	THA	Y-G	Y-G		
E7	22	E2	E2	BR-B	BR-B		
E8	1	4WD	4WD	R-W	R-W		
E8	2	L4	L4	GR	GR		
E8	5	#60	#60	L	L		

Connector	Pin	Manual Function	Auto Function	Manual Wire Color	Auto Wire Color	Error	Note
E8	6	#50	#50	W-L	W-L		
E8	7	#40	#40	L-R	L-R		
E8	8	#30	#30	W-G	W-G		
E8	9	#20	#20	W	W		
E8	10	#10	#10	W-R	W-R		
E8	11	N/A	S1	N/A DELETE	V-Y		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E8	12	IGF	IGF	B-Y	B-Y		
E8	13	STA	STA	B-W	B-W		
E8	14	NSW	NSW	B-R	B-R		
E8	15	IGT3	IGT3	W	W		
E8	16	IGT2	IGT2	BR-Y	BR-Y		
E8	17	N/A	S2	N/A DELETE	LG		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E8	22	RSC	RSC	B-R	B-R		
E8	23	RSO	RSO	BR-R	BR-R		
E8	24	IGT1	IGT1	B-L	B-L		
E8	27	N/A	SL	N/A DELETE	R-G		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E8	28	E03	E03	BR	BR		
E8	30	N/A	OIL	N/A DELETE	Y-R		Present on ECT diagram only. Should be OK to delete with manual ECU swap.

Connector	Pin	Manual Function	Auto Function	Manual Wire Color	Auto Wire Color	Error	Note
E8	31	PSW	PSW	Y	Y		
E8	33	E02	E02	BR	BR		