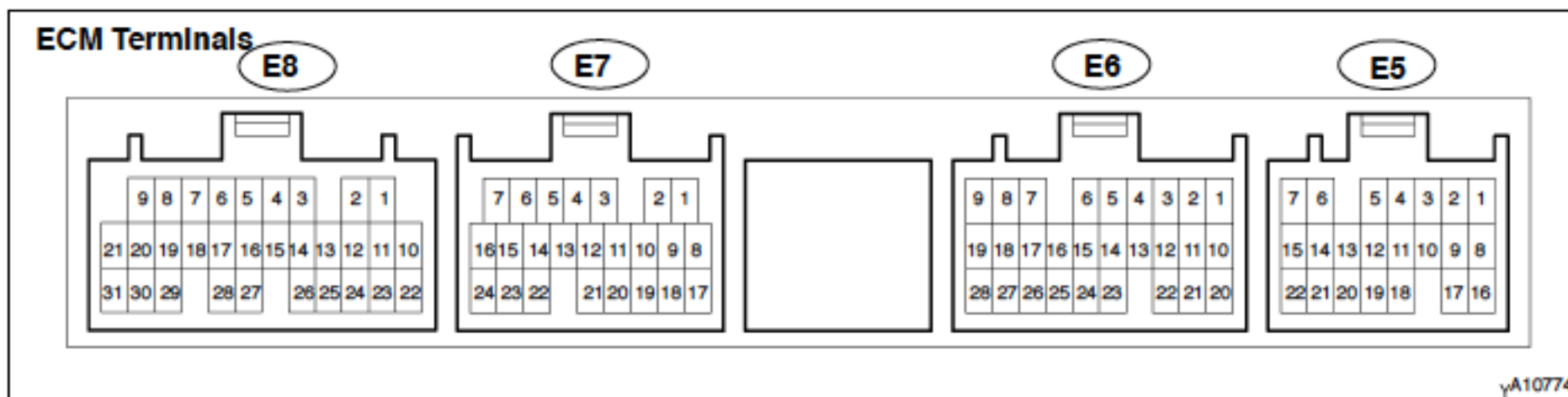


2003 Tacoma 3RZ-FE 4x4 ECM terminals, manual vs. automatic
All data compiled from the 2003 factory service manual wiring guide



Connector	Pin	Manual Function	Auto Function	Manual Wire Color	Auto Wire Color	Error	Note
E5	1	BATT	BATT	B-Y	B-Y		
E5	2	N/A	R	N/A DELETE	R-B		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E5	3	N/A	L	N/A DELETE	R		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E5	4	N/A	2	N/A DELETE	P		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E5	5	N/A	OIL-W (4WD)	N/A DELETE	O		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E5	6	W	W	V-R	V-R		
E5	7	STA	STA	G	G		
E5	9	N/A	TFN	N/A DELETE	L		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E5	10	N/A	ODLP	N/A DELETE	L-O		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E5	11	N/A	OD1	N/A DELETE	R-Y		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	12	SIL	SIL	W	W		
E5	13	AC1	AC1	L-Y	L-Y		
E5	14	ACT	ACT	L-B	L-B		
E5	15	STP	STP	G-W	G-W		
E5	16	+B	+B	W-R	W-R		
E5	17	N/A	PWR	N/A DELETE	GR-R		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E5	19	L4	L4	GR	GR		
E5	20	ELS	ELS	G-R	G-R		
E5	21	SP1	SP1	G-O	G-O		
E5	22	NSW	NSW	Y-GR	Y-GR		
E6	1	N/A	D	N/A DELETE	B-W		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E6	5	IDLO	IDLO	LG-R	LG-R		
E6	6	FC	FC	W-L	W-L		
E6	7	TC	TC	Y-B	Y-B		
E6	8	PTNK	PTNK	R-Y	R-Y		
E6	10	4WD	4WD	G-B	G-B		
E6	13	TAC (W/TAC)	TAC (W/TAC)	LG-B	LG-B		
E6	14	N/A	SP2+	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
E6	23	N/A	SP2-	N/A DELETE	W-R		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E6	25	N/A	ODMS	N/A DELETE	LG		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E6	28	PSW	PSW	Y	Y		
E7	1	CCV	CCV	R-L	R-L		
E7	2	VC	VC	G-Y	G-Y		
E7	3	HTS	HTS	R-W	R-W		
E7	4	AFHT	AFHT	W	W		
E7	5	EGR	EGR	R-B	R-B		
E7	6	EVP	EVP	W-G	W-G		
E7	7	TBP	TBP	G-B	G-B		
E7	9	VTA	VTA	Y	Y		
E7	10	OXS	OXS	B	B		
E7	11	AF+	AF+	V	V		
E7	12	THW	THW	G-R	G-R		
E7	14	VG	VG	GR	GR		
E7	15	G2+	G2+	R	R		
E7	16	NE+	NE+	L	L		
E7	17	E1	E1	BR	BR		

Connector	Pin	Manual Function	Auto Function	Manual Wire Color	Auto Wire Color	Error	Note
E7	18	E2	E2	L-B	L-B		
E7	19	THG	THG	P-L	P-L		
E7	20	AF-	AF-	P	P		
E7	21	THA	THA	Y-G	Y-G		
E7	22	EVG	EVG	B-W	B-W		
E7	24	NE-	NE-	G	G		
E8	1	#10	#10	W-R	W-R		
E8	2	#20	#20	W	W		
E8	3	#30	#30	R	R		
E8	4	#40	#40	R-L	R-L		
E8	5	E03	E03	W-B	W-B		
E8	6	E04	E04	W-B	W-B		
E8	7	N/A	S1	N/A DELETE	V		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E8	8	N/A	S2	N/A DELETE	LG		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E8	9	N/A	SL	N/A DELETE	R-W		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E8	10	IGF	IGF	B-Y	B-Y		
E8	11	IGT1	IGT1	B-L	B-L		
E8	12	IGT2	IGT2	L	L		

Connector	Pin	Manual Function	Auto Function	Manual Wire Color	Auto Wire Color	Error	Note
E8	13	IGT3	IGT3	L-R	L-R		
E8	14	IGT4	IGT4	L-Y	L-Y		
E8	15	RSD	RSD	B-R	B-R		
E8	21	E01	E01	W-B	W-B		
E8	26	N/A	THO	N/A DELETE	Y-R		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E8	28	KNK	KNK	B	B		
E8	31	E02	E02	W-B	W-B		