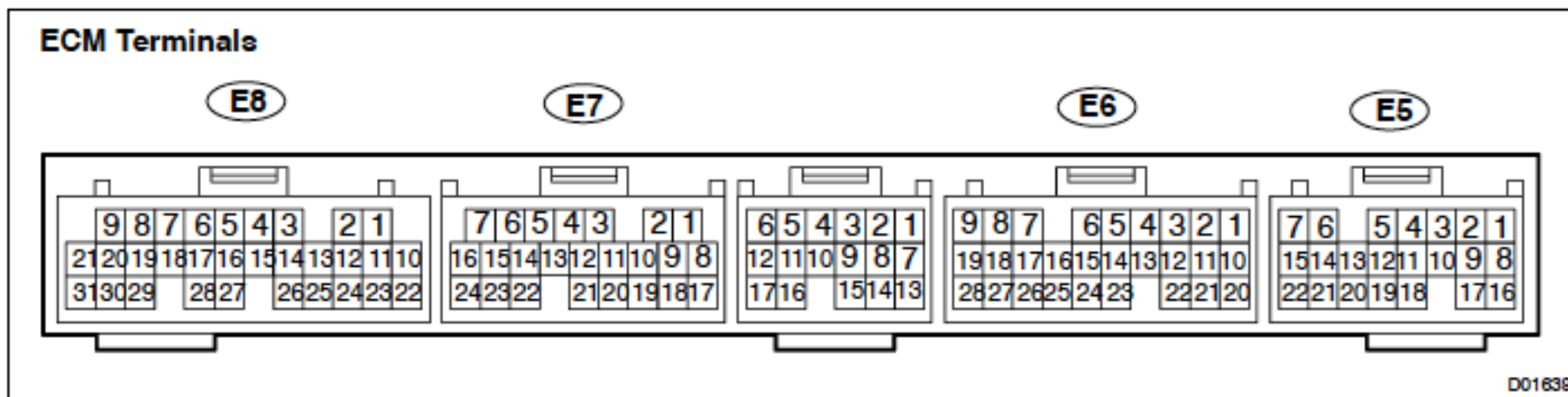


2002 Tacoma 3RZ-FE 4x4 ECM terminals, manual vs. automatic

3RZ-FE:



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	N/A DELETE	O (4WD)		This was for 4WD/Automatic vehicles (OEM trans cooler). Not needed for 4WD/Manual vehicles
E5	6	W	W	V-R	V-R		
E5	7	STA	STA	B-W	B-W		
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	G		Present on ECT diagram only. Should be OK to delete with manual ECU swap.
E5	20	ELS	ELS	G-R	G-R		
E5	21	SP1	SP1	G-O	G-O		
E5	22	NSW	NSW	B-Y	B-Y		
E6	4	HAFL	HAFL	W	W		
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	GR	GR		
E6	11	AF+	AF+	V	V		
E6	13	TAC	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	L-B		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	HT1B	HT1B	R-W	R-W		
E7	5	EGR	EGR	R-B	R-B		
E7	6	EVP1	EVP1	W-G	W-G		
E7	7	TBP	TBP	G-B	G-B		
E7	9	VTA	VTA	Y	Y		
E7	10	NSW	NSW	OX1B	OX1B		
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		
E7	18	E2	E2	L-B	L-B		
E7	19	THG	THG	P-L	P-L		

Connector	Pin	Manual Function	Auto Function	Manual Wire Color	Auto Wire Color	Error	Note
E7	20	AF-	AF-	P	P		
E7	21	THA	THA	Y-G	Y-G		
E7	22	E2G	E2G	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		
E8	13	IGT3	IGT3	L-R	L-R		
E8	14	IGT4	IGT4	L-Y	L-Y		

Connector	Pin	Manual Function	Auto Function	Manual Wire Color	Auto Wire Color	Error	Note
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	KNK1	KNK1	B	B		
E8	31	E02	E02	W-B	W-B		