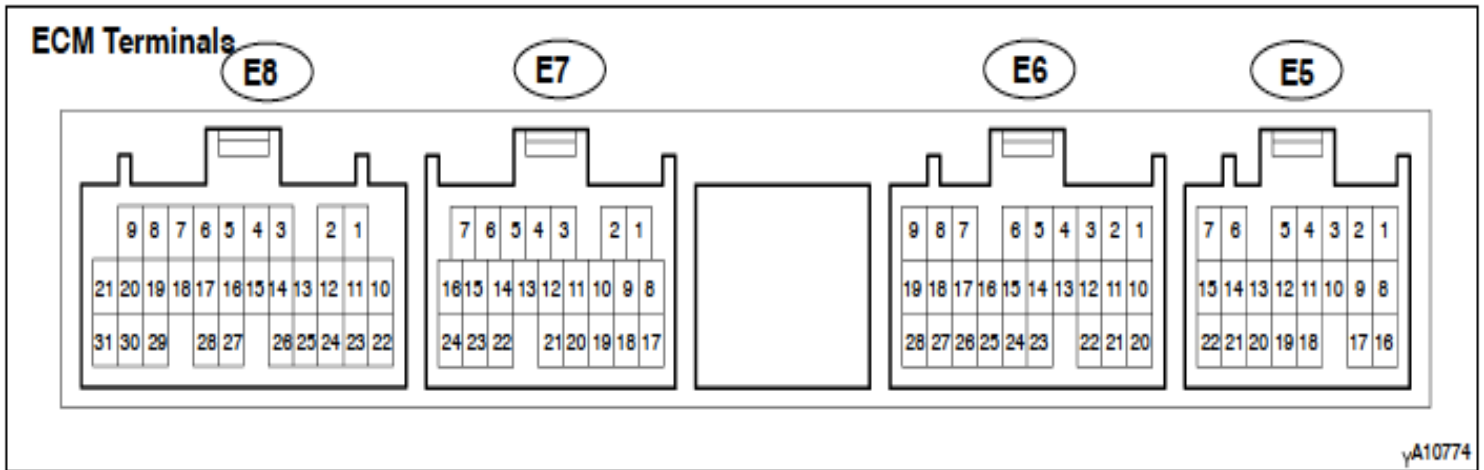


2002 Tacoma 5VZ-FE 4x4 ECM terminals, automatic vs. manual
All data compiled from the 2002 factory service manual wiring guide
The data for the 2002 Tacoma has been physically verified, wire by wire



NOTE: For each ECU connector + pin, identical A/T and M/T values for each column have a white background, while different or non-existent values for that column have a gray background. N/A indicates that a given connector + pin exists for one transmission type only.

Connector	Pin	Auto Function	Auto Wire Color	Manual Function	Manual Wire Color	Error	Note
E5	1	+B	W-R	+B	W-R		
E5	2	W	V-R	W	V-R		This is correct and the A/T FSM is wrong; the +B wire is on E5-1, the W wire (color V-R) is on E5-2
E5	3	ACT	L-B	ACT	L-B		
E5	4	MREL	B-O	MREL	B-O		
E5	5	IGSW	B-W	N/A	N/A		The FSM is incorrect; IGSW wire not present on E5-5 on the A/T harness. This pin was empty.
E5	6	SP1	G-O	SP1	G-O		
E5	7	STA	G	STA	G		
E5	9	AC1	L-Y	AC1	L-Y		
E5	13	WFSE	Y-R	WFSE	Y-R		
E5	14	SIL	W	SIL	W		
E5	15	IGSW	B-W	IGSW	B-W		
E5	16	BATT	B-Y	BATT	B-Y		
E5	17	IDLO	LG-R	IDLO	LG-R		

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2002 Tacoma 5VZ-FE 4x4 ECM terminals, automatic vs. manual

Connector	Pin	Auto Function	Auto Wire Color	Manual Function	Manual Wire Color	Note
E5	20	STP	G-W	STP	G-W	
E5	22	FC	W-L	FC	W-L	
E6	1	PWR	G	N/A	N/A	
E6	2	L4	GR	L4	GR	
E6	3	NSW	B-Y	NSW	B-Y	
E6	4	L	R	N/A	N/A	
E6	5	2	P	N/A	N/A	
E6	6	R	R-B	N/A	N/A	
E6	10	OD1	R-Y	N/A	N/A	
E6	11	TFN	L	N/A	N/A	
E6	13	4WD	G-B	4WD	G-B	
E6	14	ODMS	LG	N/A	N/A	
E6	20	ODLP	L-O	N/A	N/A	
E6	21	OILW	O	N/A	N/A	
E7	1	#50	W-L	#50	W-L	
E7	2	IGF	B-Y	IGF	B-Y	
E7	3	#40	L-R	#40	L-R	
E7	4	#30	R	#30	R	
E7	5	#20	B	#20	B	
E7	6	#10	W-R	#10	W-R	
E7	7	TC	Y-B	TC	Y-B	Previous draft incorrect. This was missing/incorrect in the first draft of this table.
E7	8	#60	L	#60	L	
E7	9	IGT3	B-W	IGT3	B-W	

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2002 Tacoma 5VZ-FE 4x4 ECM terminals, automatic vs. manual

Connector	Pin	Auto Function	Auto Wire Color	Manual Function	Manual Wire Color	Note
E7	10	IGT2	LG-R	IGT2	LG-R	
E7	11	IGT1	B-L	IGT1	B-L	
E7	12	NE+	L	NE+	L	
E7	13	G2	R	G2	R	
E7	14	EVP1	W-G	EVP1	W-G	
E7	16	RSO	L-B	RSO	L-B	
E7	17	E1	BR	E1	BR	
E7	18	PSW	B	PSW	B	
E7	19	CCV	P-L	CCV	P-L	The FSM is incorrect. The CCV sensor wire is present on E7-19 on A/T as well as M/T
E7	20	TBP	G-B	TBP	G-B	
E7	21	NE-	G	NE-	G	
E7	22	SP2-	W-R	N/A	N/A	
E7	23	SP2+	Y-R	N/A	N/A	
E7	24	RSC	B-R	RSC	B-R	
E8	1	SL	R-W	N/A	N/A	
E8	2	S2	LG	N/A	N/A	
E8	3	S1	V	N/A	N/A	
E8	4	E01	W-B	E01	W-B	
E8	5	E02	W-B	E02	W-B	
E8	7	E03	W-B	E03	W-B	Previous draft incorrect. This was missing/incorrect in the first draft of this table.
E8	8	E05	W-B	E05	W-B	
E8	10	E2G	B-W	E2G	B-W	
E8	11	E2	L-B	E2	L-B	

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2002 Tacoma 5VZ-FE 4x4 ECM terminals, automatic vs. manual

Connector	Pin	Auto Function	Auto Wire Color	Manual Function	Manual Wire Color	Note
E8	12	VG	G	VG	G	
E8	13	THA	Y-G	THA	Y-G	
E8	14	AF1+	V	AF1+	V	
E8	15	VTA	Y	VTA	Y	
E8	18	THW	G-R	THW	G-R	
E8	19	OIL	Y-R	N/A	N/A	The FSM is incorrect. It places this wire on E7-19. In fact, it is on E8-19, as listed here
E8	21	HTAF1	W	HTAF1	W	Previous draft incorrect. This wire color was incorrectly identified as GR in the first draft
E8	22	KNK2	GR	KNK2	GR	
E8	23	KNK1	B	KNK1	B	
E8	24	PTNK	R-Y	PTNK	R-Y	
E8	25	VC	G-Y	VC	G-Y	
E8	26	AF1-	P	AF1-	P	
E8	27	OX2B	R	OX2B	R	
E8	29	HT2B	R-W	HT2B	R-W	