

Toyota Pinout 2RZ/3RZ Manual Trans with distributor													LINK																											
1	2	3	4	5	6	7	8	9	10	11	12	13	31	32	33	34	35	36	37	38	51	52	53	54	55	56	57	58	59	60	61									
14	15	16	17	18	19	20	21	22	23	24	25	26	39	40	41	42	43	44	45	46	62	63	64	65	66	67	68	69	70	71	72									
E01	#10	#20	RSO	RSC	FPU		EGR	G	NE	IGF	HT	ACV	THA	OX1	OX2	THW	THG	VG	VC	STA	AC1	SPD	ACT		W					BATT										
E02	E03		PRG			IGT	G-	NE-				E1	E3	TE1	KNK	IDL	VTA	PTNK	E2	NSW	4x4	STP					FC		B+											
													Toyota																											
13	12	11	10	9	8	7	6	5	4	3	2	1	8	7	6	5	4	3	2	1	11	10	9	8	7	6	5	4	3	2	1									
26	25	24	23	22	21	20	19	18	17	16	15	14	16	15	14	13	12	11	10	9	22	21	20	19	18	17	16	15	14	13	12									
C E8													B E7													A E5														

V1 95-96 with Distributor Manul Trans

Link Pin	OEM Pin	Pin ID	Function	Link Function	Link Pin	OEM Pin	Pin ID	Function	Link Function
1	E8-13	E01	Ground	GND	56	E5-6			
2	E8-12	#10	Injector #1 & #3	INJ1	57	E5-5	W	Check Engine Light	Aux 5
3	E8-11	#20	Injector #2 & #4	INJ2	58	E5-4			
4	E8-10	RSO	ISC Open	Aux 2	59	E5-3			
5	E8-9	RSC	ISC Close	Aux 1	60	E5-2			
6	E8-8	FPU	VSV Fuel Pressure Up	Aux 3	61	E5-1	BATT	Battery 12V constant	nc
7	E8-7			IGN 2	62	E5-22	NSW	Neutral Start Switch (clutch)	DI 8
8	E8-6	EGR	EGR	IGN 4	63	E5-21	4x4	4WD Detection	DI 5
9	E8-5	G	Cam Sync Trig 2	Trig2	64	E5-20	STP	Stop Light Switch	DI 10
10	E8-4	NE	Crank Position Trig 1	Trig1	65	E5-19			
11	E8-3	IGF	Ignition feedback	nc	66	E5-18			
12	E8-2	HT1	O2 sensor 1 heater ground	INJ 5	67	E5-17			
13	E8-1	ACV	AC system - Idle up	Aux 11	68	E5-16			
14	E8-26	E02	Ground	GND	69	E5-15			
15	E8-25	E03	Ground	INJ4	70	E5-14	FC	Fuel Pump Relay	Aux 7
16	E8-24			INJ3	71	E5-13			
17	E8-23	PRG	Evap Purge Solenoid	Aux 4	72	E5-12	+B	+14V	+14V
18	E8-22								
19	E8-21			IGN3					
20	E8-20	IGT	Igniter Output	IGN1				MAP	AN Volt 11
21	E8-19							Spartan OEM WB	AN Volt 12
22	E8-18	G-	Cam Sync Ground	GND	Expansion On Board				
23	E8-17	NE-	Crank Position Ground	GND	E1	Expansion 1			GND
24	E8-16				E2				+5V
25	E8-15	HT2	O2 Sensor 2 Heater Ground	INJ 6	E3				Aux 8
26	E8-14	E1	Ground	GND	E4				Volt 3
					E5				Volt 7
					E6				Volt 4
31	E7-8								
32	E7-7	THA	Air Temp (MAF Meter)	TEMP 2	E7				Volt 5
33	E7-6	OX1	NB Oxygen Sensor 1	AN Volt 1	E8				Volt 6
34	E7-5	OX2	NB Oxygen Sensor 2	AN Volt 10	E9	Expansion 2			GND
35	E7-4	THW	Coolant Temp	TEMP 1	E10				+5V
36	E7-3	THG	EGR Temp	TEMP 3	E11				IGN 5
37	E7-2	VG	MAF Signal (Freq.)	DI 7	E12				IGN 6
38	E7-1	VC	Ref. Voltage +5V	+5V	E13				IGN 7
39	E7-16	E3	Ground	GND	E14				IGN 8
40	E7-15	TE1	Test Connector Input (fix timing)	DI 4	E15				Volt 8
41	E7-14				E16				Volt 9
42	E7-13	KNK	Knock Senosr	Knock 1		FLEX			+12V
43	E7-12	IDL	Idle Position (ground when TPS 0%)	DI 6					DI 9
44	E7-11	VTA	Throttle Position	AN Volt 2					GND
45	E7-10	PTNK	Vapor Pressure Sensor	AN Volt 9		CAN 1			C-GND
46	E7-9	E2	Ground	GND					CAN1 L
									CAN1 H
									+14V
51	E5-11	STA	Starter Signal	DI 2		CAN 2			C-GND
52	E5-10	AC1	AC System Input	DI 1					CAN2 L
53	E5-9	SP1	Speed Signal	DI 3					
54	E5-8	ACT	AC System Cancel	Aux 6					CAN2 H
55	E5-7	SDL	Datalink/OBD connector CAN	nc					+14V