

**ECU Pinouts for Toyota 4A-GZE
ECU**

MAP 8.9:1 Compression with DLI

Car Model: **AE101?**

Toyota Part Number: **89661-12790**

Denso Part Number: **175700-3371**

by Peter Turner, (pjturner AT yahoo
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Y Connector (22pin)

Y Connector (22pin)									
Bottom Left of Plug Face Bottom Right of ECU Socket	Not Used	-	-	22	1	BATT	R-W	Battery JB3	Top Left of Plug Face Top Right of ECU Socket
	Not Used	-	-	21	2	ELS2	B	Idle-up diode	
	Not Used	-	-	20	3	EGW	R	Exhaust temp lamp (inst panel)	
	Not Used	-	-	19	4	ELS1	G-W	Battery JB3	
	Not Used	-	-	18	5	W	W	Check engine lamp (inst panel)	
	Not Used	-	-	17	6	FPR	L-Y	Fuel Pump relay	
	Not Used	-	-	16	7	-	-	Not Used	
	Diagnostic Connector	LG	CCO	15	8	TIL	G-R	Supercharger indicator (inst panel)	
	Circuit opening relay	G-R	FC	14	9	SP1	V-W	Speed sensor (inst panel)	
	EFI main relay	B-R	+B1	13	10	A/C	B-W	A/C Clutch	
Bottom Right of Plug Face Bottom Left of ECU Socket	EFI main relay	B-R	+B	12	11	STA	B-W	Ignition Starter	Top Right of Plug Face Top Left of ECU Socket

Z Connector (16 pin)									
Bottom Left of Plug Face Bottom Right of ECU Socket	===Not Used===	===	===	16	1	VC	Y	FROM ALTERNATOR?	Top Left of Plug Face Top Right of ECU Socket
	Diagnostic Connector	Blue-W	TE1	15	2	PIM	LG-R	Vacuum sensor	
	Not Used	-	-	14	3	THA	Y-B	Intake Temp sensor	
	Not Used	-	-	13	4	THW	White	Water temp sensor	
	TPS	Blue	IDL	12	5	KNK	B	Knock sensor	
	TPS	R	VTA	11	6	OX	B	Diagnostic Connector	
	???	Blue-W	EVP	10	7	-	-	Not Used	
Bottom Right of Plug Face Bottom Left of ECU Socket	TPS	BR	E2	9	8	VF	R-W	Diagnostic Connector	Top Right of Plug Face Top Left of ECU Socket

a Connector (26pin) (should this not be X Connector?)									
Bottom Left of Plug Face Bottom Right of ECU Socket	Intake manifold	BR	E02	26	1	===	===	===Not Used=====	Top Left of Plug Face Top Right of ECU Socket
	Supercharger Relay	B-Y	SMC	25	2	===	===	===Not Used=====	
	VSV Bypass	G-R	ABV	24	3	IGF	B-Y	Igniter	
	VSV Bleed	W-R	ACV	23	4	NE	B	Distributor	
	===Not Used=====	===	===	22	5	G2	G	Distributor	
	Not Used	-	-	21	6	FPU	Blue-W	VSV Fuel Pressure up	
	Igniter	B	IGT	20	7	-	-	Not Used	
	Igniter	B-R	IGD	19	8	HT	B-W	O2 Sensor	
	Distributor	R	G1	18	9	RSC	B	Rotary solenoid	
	Distributor	W	G-	17	10	RSO	B-Blue	Rotary solenoid	
	===Not Used=====	===	===	16	11	#20	B	Injectors 1,2	
	===Not Used=====	===	===	15	12	#10	B-R	Injectors 3,4	
Bottom Right of Plug Face Bottom Left of ECU Socket	Intake manifold	BR	E1	14	13	E01	BR	Intake manifold	Top Right of Plug Face Top Left of ECU Socket