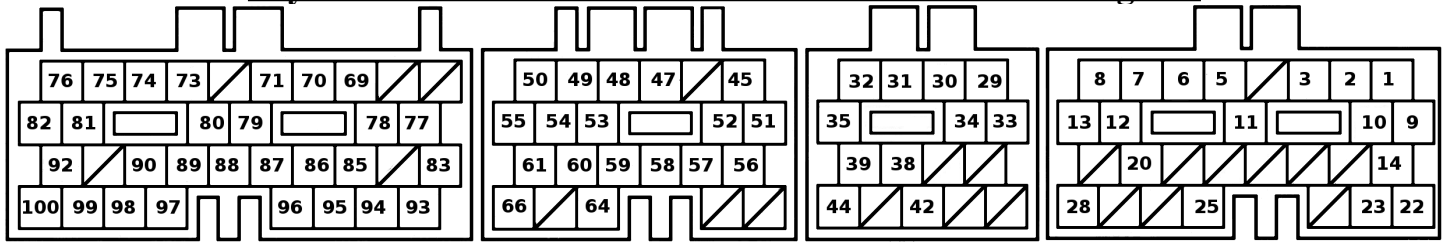


## Toyota Chaser JZX90 / Soarer JZZ30 ECU Pinout Diagram



pin	description	wire
45	MAP sensor +5V (Vcc)	
47	A/T Overdrive Clutch (NCO-)	
48	Speed Sensor (SP2-)	
49	Crank Position Sensor (+)	
50	Crank Position Sensor (-)	
51	Throttle Position Sensor	
52	MAP sensor INPUT (PM)	
53	Speed Sensor (SP2+)	
54	Cam Position Sensor (G1+)	
55	Cam Position Sensor (G1-)	
56	Throttle Position Sensor (T/C)	
57	Oxygen Sensor	
58	IAT sensor INPUT	
59	A/T Overdrive Clutch (NCO+)	
60	Cam Position Sensor (G2+)	
61	Cam Position Sensor (G2-)	
64	ECT sensor INPUT	
66	<b>GROUND - SIGNAL (E2)</b>	<b>BLACK</b>
pin	description	wire
69	Oxygen Sensor (heater)	
70	Knock Sensor #1	
71	Knock Sensor #2	
73	Charcoal Cannister Purge	
74	Injectors bank #3	
75	Injectors bank #2	
76	Injectors bank #1	
77	A/T Solenoid (#1)	
78	Ignitor feedback	
79	Starter Motor	
80	Neutral Start Switch	
81	Ignition #3	
82	Ignition #2	
83	A/T Solenoid (#2)	
85	Diagnostics Plug (Vf)	
86	ISCV #4	
87	ISCV #3	
88	ISCV #2	
89	ISCV #1	
90	Ignition #1	

pin	description	wire
1	Test Plug	
2	A/T Indicator Switch	
3	A/T Patern Select Switch	
5	A/C Clutch Switch	
6	A/T Overdrive Switch	
7	Cruise Control	
8	Exhaust Gas Warning	
9	Ignition Switch	
10	A/T Indicator Switch	
11	Test Plug (TE2)	
12	Speed Sensor INPUT	
13	Exhaust Sensor	
14	<b>12V POWER (BATT)</b>	<b>RED</b>
20	A/C Idle-Up Switch	
22	<b>12V POWER (+B)</b>	<b>RED</b>
23	<b>12V POWER (+B1)</b>	<b>RED</b>
25		
28	External Load INPUT	
pin	description	wire
29	T/C (NEO)	
30	<b>Main Relay (M-REL)</b>	<b>Black/orange</b>
31	Warning Light	
32	Fuel Pump Control Module	<b>RED/yellow</b>
33	DIAG (TE1)	
34	T/C (TR)	
35	T/C (VTO1)	
38	Fuel Pump Control Module	<b>PINK</b>
39	T/C (VTO2)	
42	ABS Computer	
44	<b>DIAG (E1)</b>	
92	Ignition #4	
93	A/T Lock-up solenoid	
94	<b>GROUND (E11)</b>	<b>BLACK</b>
95	Ignition #6	
96	Ignition #5	
97	Throttle Idle Switch (T/C)	
98	Throttle Idle Switch (Main)	
99	<b>GROUND - IGNINJ(E02)</b>	<b>BLACK</b>
100	<b>GROUND - ECU (E01)</b>	<b>BLACK</b>