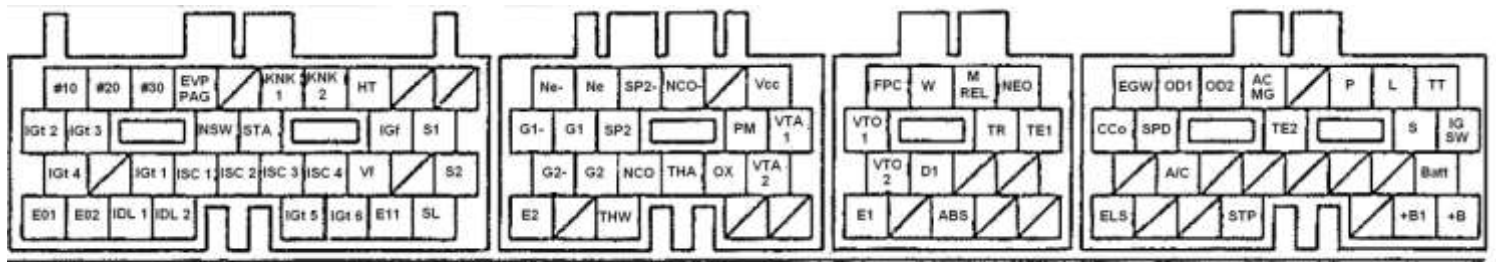


TOYOTA SOARER JZZ30 1JZ-GTE AUTO, ECU PINOUT POINTS



X	W	U	T
#10 , Injectors 1,4	Ne- , Crank Sensor (shielded)	FPC , Fuel Pump Control Relay	EGW , Exhaustgas Warning Light
#20 , Injectors 3,5	Ne , Crank Pos Sensor (shielded)	W , Check Engine Warning Light	OD1 , Cruise Control
#30 , Injectors 2,6	SP2- , Speed Sensor (gearbox)	M REL , Main Relay Sw Ground	OD2 , O/Drive Switch
EVP PAG , Kolkonister Solenoid	NCO- , Speed Sensor (For OD)	NEO , Traction Control	ACMG , AC Magnetic Clutch
Empty	Empty	VTO 1 , Traction Control	Empty
KNK 1 , Knock Sensor 1	Vcc , Map Sensor	TR , Traction Control	P , Pattern Select Switch
KNK 2 , Knock Sensor 2	G1- , Cam Positon Sensor	TE1 , Diagnostics Plug	L , A/T Indicator Switch
HT , Oxygen Sensor Heater	G1 , Cam Positon Sensor	VTO 2 , Traction Control	TT , Test Plug (kick panel)
Empty	SP2 , Speed Sensor (gearbox)	D1 , Fuel Pump Control Relay	CCo , Exhaust Sensor
Empty	PM , Map Sensor	Empty	SPD , Speed Sensor
IGT 2 , Igniter	VTA 1 , Primary Throttle	Empty	TE2 , Test Plug (kick panel)
IGT 3 , Igniter	G2- , Cam Positon Sensor	E1 , Earth	S , A/T Indicator Switch
NSW , Start Control from AM1	G2 , Cam Positon Sensor	Empty	IGSW , Ignition Switch AM2
STA , Neutral Start Switch (A/T)	NCO , Speed Sensor (For O/D)	ABS , ABS Computer	Empty
IGF , RPM1 (igniter verification)	THA , Air Temp Sensor	Empty	A/C , A/C Idle Up Control
S1 , Auto Solenoid	OX , Oxygen Sensor	Empty	Empty
IGT 4 , Igniter	VTA 2 , Throttle Traction Control	Empty	Empty
Empty	E2 , Map Sensor	Empty	Empty
IGT 1 , Igniter	Empty	Empty	Empty
ISC 1 , Idle Speed Control Valve	THW , Water Temp Sensor	Empty	Empty
ISC 2 , Idle Speed Control Valve	Empty	Empty	Empty
ISC 3 , Idle Speed Control Valve	Empty	Empty	Empty
ISC 4 , Idle Speed Control Valve	Empty	Empty	Empty
VF , Diagnostics Plug	Empty	Empty	Empty
Empty	Empty	Empty	Empty
S2 , Auto Solenoid	Empty	Empty	Empty
E01 , Earth, Manifold	Empty	Empty	Empty
E02 , Earth, Manifold	Empty	Empty	Empty
IDL 1 , Primary Throttle	Empty	Empty	Empty
IDL 2 , Sub Throttle (traction)	Empty	Empty	Empty
IGT 5 , Igniter	Empty	Empty	Empty
IGT 6 , igniter	Empty	Empty	Empty
E11 , Earth	Empty	Empty	Empty
SL , Lock Up Auto Solenoids	Empty	Empty	Empty

On the ECU, you'll have to get the **M-REL, BATT, +B, +B1, and IG-SW** ran to the appropriate places. You'll also need to verify that **E1, E2, E01, E02, TE1, and TE2** (all grounds of one sort or another) are all connected correctly. This should allow the engine to start assuming the ECU is similar to the 7M (which I've heard it is). I believe the "TE" wires you leave alone since they are diagnostic in nature.

IG-SW = powered by Ignition Switch

M-REL = Powers Main Relay behind fuse box in engine bay

+B & +B1 = Powered when main relay makes connection.