

Toyota Supra 2JZ-GTE V88 Adaptor

Supra Pin	Description	V88 Pin	Function	Control Function
E10-1	Ignition SW	B30	Digital 7	Ignition Switch
E10-2	Vehicle speed sensor 1	A30	Digital 1	Speed
E10-3				
E10-4				
E10-5				
E10-6	Malfunction lamp			
E10-7	Park/neutral position switch	B24	Volt 9	(Spare volt input)
E10-8	-----	B23	Volt 8	(Spare volt input)
E10-9	Park/neutral position switch 2	B19	Digital 6	(Spare digital input)
E10-10	Park/neutral position switch L	B20	Digital 5	(Spare digital input)
E10-11				
E10-12				
E10-13				
E10-14				
E10-15				
E10-16	Tachometer	B11	Ignition 7	Engine speed
E10-17				
E10-18				
E10-19				
E10-20				
E10-21				
E10-22	Fuel pump speed	B10	Ignition 8	Fuel pump
E10-23	A/C Clutch relay	B2	Injector 7	AC clutch control
E10-24	EFI Main relay	B18	Aux 9	ECU Hold power
E10-25				
E10-26				
E10-27				
E10-28				
E10-29				
E10-30				
E10-31	EFI main relay supply +12v	A5		
E10-32	EFI main relay supply +12v	B5		
E10-33				
E10-34	AC Request	B21	Digital 4	AC Request
E10-35	-----	B6	Temp 3	(Spare temp input)
E10-36	-----	B7	Temp 4	(Spare temp input)
E10-37				
E10-38				
E10-39	-----	B15	Volt 6	(Spare volt input)
E10-40	-----	B16	Volt 7	(Spare volt input)

Supra Pin	Description	V88 Pin	Function	Control Function
B9-1				
B9-2				
B9-3				
B9-4	ECU Ground			
B9-5	Camshaft sensor 2 -ve	B22	GND Out	
B9-6	Camshaft sensor 1 -ve	B22	GND Out	
B9-7	Crankshaft sensor -ve	B22	GND Out	
B9-8				
B9-9				
B9-10				
B9-11				
B9-12				
B9-13				
B9-14				
B9-15	Injector 6	B3	Injector 6	
B9-16	Injector 5	B4	Injector 5	
B9-17	Injector 4	A1	Injector 4	
B9-18	Injector 3	A2	Injector 3	
B9-19	Injector 2	A3	Injector 2	
B9-20	Injector 1	A4	Injector 1	
B9-21				
B9-22				
B9-23	Vehicle speed sensor 2	A31	Digital 2	Speed
B9-24				
B9-25	Camshaft sensor 2 +ve	A9	Trigger 2	
B9-26				
B9-27	Crankshaft sensor +ve	A8	Trigger 1	
B9-28				
B9-29				
B9-30				
B9-31				
B9-32	Idle valve	A26	Aux 8	ISC Valve
B9-33	Idle valve	A28	Aux 6	ISC Valve
B9-34	Idle valve	A27	Aux 7	ISC Valve
B9-35	Idle valve	A29	Aux 5	ISC Valve
B9-36				
B9-37				
B9-38	VSV for exhaust bypass	B26	Aux 10	GP Output
B9-39	VSV for exhaust control valve	B1	Injector 8	GP Output
B9-40				

Supra Pin	Description	V88 Pin	Function	Control Function
B9-41	Sensor 5 volt supply	A32		
B9-42				
B9-43	Throttle position sensor signal	A22	Volt 2	TPS
B9-44	Engine coolant sensor signal	A16	Temp 2	Coolant temperature
B9-45	Intake air sensor signal	A15	Temp 1	Air temperature
B9-46				
B9-47	O2 sensor signal (Sub)	A33	Volt 3	
B9-48	O2 sensor signal (Main)	A14	Volt 4	Wideband input
B9-49	Knock sensor 2 (rear)	B8	Knock 2	
B9-50	Knock sensor 1 (front)	B9	Knock 1	
B9-51				
B9-52	Ignition 6	B12	Ignition 6	
B9-53	Ignition 5	B13	Ignition 5	
B9-54	Ignition 4	A10	Ignition 4	
B9-55	Ignition 3	A11	Ignition 3	
B9-56	Ignition 2	A12	Ignition 2	
B9-57	Ignition 1	A13	Ignition 1	
B9-58				
B9-59				
B9-60	Wastegate control valve	A18	Aux 4	Wastegate
B9-61				
B9-62	Map sensor signal	A17	Volt 1	
B9-63				
B9-64				
B9-65				
B9-66				
B9-67				
B9-68				
B9-69	ECU Ground	A34		
B9-70				
B9-71	Main O2 sensor heater **			
B9-72	Main O2 sensor heater **			
B9-73	VSV for fuel pressure control	A21	Aux 1	GP Output
B9-74	VSV for EVAP	A20	Aux 2	GP Output
B9-75	VSV for EGR	A19	Aux 3	GP Output
B9-76				
B9-77	Starter signal	A23	Digital 3	Start Signal
B9-78				
B9-79	ECU Ground	A25		
B9-80	ECU Ground	A25		

** Controlled by hardware on adaptor.

