



Pin	ECU Pin	Function	Pin	ECU Pin	Function
A1	Injector 1	Injection	C9	nc	
A2	Injector 2	Injection	C10	nc	
A3	Injector 3	Injection	C11	nc	
A4	Injector 4	Injection	C12	nc	
A5	nc		C13	nc	
A6	nc		C14	nc	
A7	nc		C15	nc	
A8	nc		C16	nc	
A9	nc		C17	nc	
A10	Ignition 1	Ignition	C18	nc	
A11	Ignition 2	Ignition	C19	nc	
A12	Ignition 3	Ignition	C20	nc	
A13	Ignition 4	Ignition	C21	nc	
A14	nc		C22	DI 3	Speed Signal Input
A15	nc		C23	nc	
A16	nc		C24	nc	
A17	nc		C25	DI 2	AC Mag Clutch 12v Input
A18	Aux 1	Idle Control Motor	C26	nc	
A19	nc		C27	Aux 3	Tachometer Output
A20	nc		C28	nc	
A21	Ground				
A22	Aux 6	Fuel Pressure VSV	D1	nc (12V constant)	
A23	Aux 4	VVT Solenoid PWM Ground (Redtop Beams)	D2	nc	
A24	nc		D3	Aux 7	Fuel Pump Relay
A25	nc		D4	nc	
A26	nc		D5	nc	
A27	Knock 1	Knock sensor input	D6	Aux 5	Check Engine Light
A28	Aux 8	Cooling Fan Output	D7	DI 1	Power Steering Switch Input
A29	nc		D8	nc	
A30	nc		D9	nc	
A31	Ground		D10	AN Temp 2	IAT (manifold air temp)
			D11	nc	
B1	nc		D12	nc	
B2	+5V Out		D13	nc	
B3	Injector 6 (Aux)	Narrow band O2 Heater Ground	D14	nc	
B4	Aux 14	Evap/Purge	D15	nc	
B5	nc		D16	+14V	ECU Power
B6	Aux 2	Boost Control Solenoid	D17	nc	
B7	Ignition 5 (Aux)	Fuel Pump Speed Hi/Low Relay	D18	nc	
B8	DI 8	Start Signal	D19	nc	
B9	nc		D20	nc	
B10	nc		D21	nc	
B11	AN Volt 3	OEM MAP Sensor	D22	nc	
B12	AN Volt 1	Narrow band O2 Sensor			
B13	nc		On Board MAP	AN Volt 10	MAP
B14	AN Temp 1	ECT	On Board WBO2	AN Volt 11	Lambda 1/Wideband O2 Input
B15	Trig 2	Intake Cam Sync Signal			
B16	Trig 1	Crank Speed Signal	Expansion 1	Ground (Sensor)	
B17	Ground		Expansion 2	+5V Out	
B18	Ground		Expansion 3	DI 5	
B19	nc		Expansion 4	DI 6	
B20	nc		Expansion 5	DI 4	
B21	nc		Expansion 6	AN Volt 7	
B22	AN Temp 3	Ambient IAT	Expansion 7	AN Volt 5	
B23	AN Volt 2	Throttle Position	Expansion 8	AN Volt 6	
B24	Ground (Trig1)				
			Expansion 9	Ignition 5	
C1	nc		Expansion 10	Ignition 6	
C2	nc		Expansion 11	Ignition 7	
C3	nc		Expansion 12	Ignition 8	
C5	DI 7	Test Connector Fixed Timng Req.	Expansion 13	DI 9	
C6	nc		Expansion 14	DI 10	
C7	nc		Expansion 15	AN Volt 8	
C8	nc		Expansion 16	AN Volt 9	