



	TS pin	I/O pin	Function
1	PD9	Digital out	Injector output 5
2	PB14	Digital out	Injector output 6
3	PE14	Digital out	Injector output 7
4	PC13	Digital out	Injector output 8
5	PD7	Digital out	VVT output
6	PC8	Digital out	Idle 2 Output
7	PD6	Digital out	Idle 1 Output
8	PA4	APP2	Analog A9 Input
9	PC7	Digital In	VSS
10	na	na	na
11	PB7	Digital In	Launch Input(Going Low)
12	PD4	Digital out	Boost Output
13			Sensor Ground
14	PA1	Analog In	Intake air temp Input
15	PA0	TPS2	Analog A6 Input
16	PA3	APP1	Analog A7 Input
17	PC2	Analog In	Analog A8 Input
18			VR2- Trigger input
19			VR1- Trigger input
20	PA2	Analog In	O2 Input
21	PE12	Digital In	Flex Fuel input
22	PB0	Analog In	External Map input
23	PC4	Analog In	Coolant Temp Input
24	PC5	TPS1	TPS Input
25	PA5		Cam Trigger Input(VR2+)
26	PC6		Crank Trigger Input(VR1+)
	PC1	Internal	Baro
	PD0	Internal	Can RX
	PD1	Internal	Can TX
	Injectors		
	Analog Inputs		
	High Current Output		
	Digital In		
	Trigger Inputs		
	Ground Connections		

All outputs pull to ground even when the ECU is off.
Please wire all relay coils to
Switched ignition 12 Volt (ignition key ON).
and the ECU will switch the ground to activate the relay.