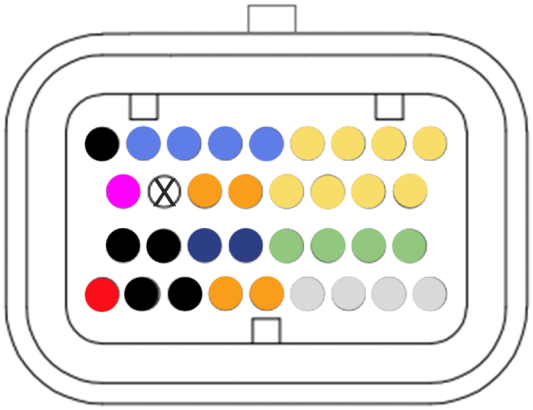

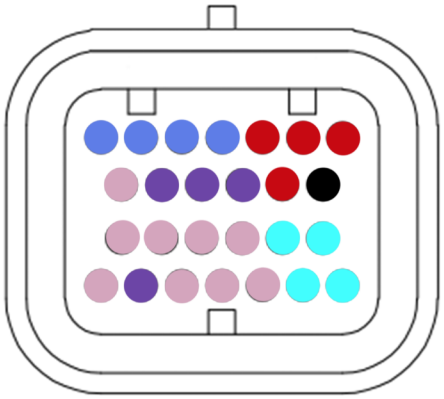

	Arduino pin	I/O pin	Function
1			GND
2	32	Digital out	Injector output 1
3	31	Digital out	Injector output 2
4	30	Digital out	Injector output 3
5	29	Digital out	Injector output 4
6	8	Digital out	Ignition output 1
7	2	Digital out	Ignition output 2
8	24	Digital out	Ignition output 3
9	34	Digital out	Ignition output 4
10	37	Digital out	Going High Out
11	na	na	na
12			(+5v) output
13			(+5v) output
14	61	Digital out	Ignition output 8
15	63	Digital out	Ignition output 7
16	33	Digital out	Ignition output 6
17	36	Digital out	Ignition output 5
18			GND
19			GND
20			CAN High
21			CAN Low
22			Stepper B2
23			Stepper A2
24			Stepper A1
25			Stepper B1
26			(+12v) Power Input
27			GND
28			GND
29			(+5v) output
30			(+5v) output
31	43	Digital out	Tach Output
32	3	Digital out	Spare LC Output
33	39	Digital out	Fuel Pump Output
34	42	Digital out	Fan Output

	Injectors
	Ignition
	Low Current Output
	Sensor Power (+5v)
	Stepper Idle pins
	Positive switch output
	CAN Communication
	12V Switched Positive
	Ground Connections

	Arduino pin	I/O pin	Function
1	62	Digital out	Injector output 5
2	64	Digital out	Injector output 6
3	67	Digital out	Injector output 7
4	66	Digital out	Injector output 8
5	71	Digital out	VVT output
6	12	Digital out	Idle 2 Output
7	27	Digital out	Idle 1 Output
8	A5/49	Analog In	Analog A9 Input
9	**65**	Digital In	**VSS**
10	40	Digital In	Digital In 2
11	4	Digital In	Launch Input(Going Low)
12	28	Digital out	Boost Output
13			GND
14	A0/44	Analog In	Intake air temp Input
15	A12/56	Analog In	Analog A6 Input
16	A7/51	Analog In	Analog A7 Input
17	A6/50	Analog In	Analog A8 Input
18			VR2- Trigger input
19			VR1- Trigger input
20	A10/54	Analog In	O2 Input
21	11	Digital In	Flex Fuel input
22	A2/46	Analog In	External Map input
23	A3/47	Analog In	Coolant Temp Input
24	A1/45	Analog In	TPS Input
25	0		Cam Trigger Input(VR2+)
26	1		Crank Trigger Input(VR1+)

	Injectors
	Analog Inputs
	High Current Output
	Digital In
	Trigger Inputs
	Ground Connections