	SBD Motorsport MBE9A8 ECU	
	Electrical Requirements & Connector Pin List Issue F	
Connector Types:	Delphi 36 way	Delphi 36 way
*Please note all the outputs on the 9A4 are LSD (Switch to Ground)		
* For all programmable outputs, you will need to look at the map in the ECU to confirm what they are currently programmed to or select the function from within the ECU.		
* For all programmable inputs, you will need to look at the map in the ECU to confirm what they are currently programmed to or select the function from within the ECU.		

PIN No	9A8 General Function	9A8 I4 Function
1	Injector D (4th to Fire)	Lower Injector D (4th to Fire)
2	Water Temp	Water Temp
3	Air Temp	Air Temp
4	5VA Ref	5VA Ref
5	0VA	0VA
6	Power Ground	Power Ground
7	Power Ground	Power Ground
8	CANL	CANL
9	CANH	CANH
10	Permanent 12V Supply (Battery)	Permanent 12V Supply (Battery)
11	Crank Return	Crank Return
12	Crank Signal	Crank Signal
13	Switched 12V Supply (Key)	Switched 12V Supply (Key)
14	Injector A (1st to fire)	Lower Injector A (1st to fire)
15	Ignition (4th to fire)	Ignition (4th to fire)
16	Programmable Low Side Output Pin*	Programmable Low Side Output Pin*
17	Programmable Low Side Output Pin*	Programmable Low Side Output Pin*
18	Ignition (2nd to fire)	Ignition (2nd to fire)
19	Programmable Input Pin*	Programmable Input Pin*
20	TPS	TPS
21	MAP	MAP
22	Injector E (5th to fire)	Upper Injector E (1st to fire)
23	Injector F (6th to fire)	Upper Injector F (2nd to fire)
24	Injector G (7th to fire)	Upper Injector G (3rd to fire)
25	Programmable Input/Output Pin**	Programmable Input/Output Pin**
26	Injector C (3rd to fire)	Lower Injector C (3rd to fire)
27	Programmable Input Pin*	Programmable Input Pin*
28	Baro	Baro
29	Lambda	Lambda
30	Cam Signal	Cam Signal
31	Injector H (8th to fire)	Upper Injector H (4th to fire)
32	Injector B (2nd to fire)	Lower Injector B (2nd to fire)
33	Programmable Low Side Output Pin*	Programmable Low Side Output Pin*
34	Programmable Low Side Output Pin*	Programmable Low Side Output Pin*
35	Ignition (3rd to fire)	Ignition (3rd to fire)
36	Ignition (1st to fire)	Ignition (1st to fire)