

MS3X Expansion Harness

Pin #	Name	Function	MAX AMPS	Connection to
1	INJECTOR G	INJECTOR G OUTPUT	5A	ECU PIN 13
2	GND	POWER GROUND		
3	GND	POWER GROUND		
4	INJECTOR F	INJECTOR F OUTPUT	5A	ECU PIN 14
5	FLEX FUEL	FUEL FUEL INPUTE		
6	BOOST	MID-CURRENT OUTPUT		EXTERNAL
7	INJECTOR E	INJECTOR E OUTPUT	3A	ECU PIN 15
8	GND	POWER GROUND		
9	IDLE VALVE	MID CURRENT OUTPUT	5A	ECU PIN 21
10	INJECTOR D	INJECTOR D OUTPUT	5A	ECU PIN 59
11	LAUNCH IN	GROUND-SWITCH INPUT		
12	GND	POWER GROUND		
13	INJECTOR C	INJECTOR C OUT	5A	ECU PIN 42
14	SPARK A	0-5V LOGIC OUTOUT	0.03A	
15	SPARK C	0-5V LOGIC OUTOUT	0.03A	
16	INJECTOR B	INJECTOR B OUTPUT	5A	ECU PIN 12
17	GND	POWER GROUND		
18	SPARK G	0-5V LOGIC OUTOUT	0.03A	
19	INJECTOR A	INJECTOR A OUTPUT	5A	ECU PIN 58
20	INJECTOR H	INJECTOR H OUTPUT	5A	ECU PIN 52
21	SPARE ADC	0-5V ANALOG INPUT		ECU PIN 50
22	EGO2	0-5V ANALOG INPUT		WBEGO
23	EXT_MAP	0-5V ANALOG INPUT		ECU PIN 45
24	NITROUS 1	MID-CURRENT OUTPUT	3A	ECU PIN 38
25	NITROUS 2	MID-CURRENT OUTPUT	3A	ECU PIN 32
26	TACHO	MID-CURRENT OUTPUT	3A	
27	VVT	MID-CURRENT OUTPUT	3A	ECU PIN 54
28	TABLESWITCH IN	GROUND-SWITCH INPUT		
29	NITROUS IN	12v SWITCH INPUT		ECU Pin 10
30	DATALOG IN	GROUND-SWITCH INPUT		
31	PT4	0-5V INPUT OR OUTPUT	0.02A	
32	CAM INPUT	CAM TACH INPUT		
33	SPARK B	0-5V LOGIC OUTOUT	0.03A	
34	SPARK D	0-5V LOGIC OUTOUT	0.03A	
35	SPARK E	0-5V LOGIC OUTOUT	0.03A	
36	SPARK F	0-5V LOGIC OUTOUT	0.03A	
37	SPARK H	0-5V LOGIC OUTOUT	0.03A	