

Pin	Function	Color	Stripe
1.	Injector A	White	—
2.	Injector B	White	Orange
3.	Power Ground	Black	—
4.	Injector C	White	Lt. Green
5.	Power Ground	Black	—
6.	Injector D	White	Pink
7.	Power Ground	Black	—
8.	Injector E	White	Red
9.	Power Ground	Black	—
10.	Injector F	White	Dk. Green
11.	Injector G	White	Dk. Blue
12.	Injector H	White	Purple
13.	Spark G	Yellow	Dk. Blue
14.	Spark E	Yellow	Red
15.	Spark C	Yellow	Lt. Green
16.	Spark H	Yellow	Purple
17.	Digital Freq. In 2	Purple	Red
18.	Power Ground	Black	—
19.	Digital Switched 12V In	Gray	Dk. Blue
20.	Digital Switched In 2	Gray	Red
21.	Dig. Freq. In 3 Uncond.	Purple	Dk. Blue
22.	Digital Freq. In 3 VR +	Purple	Shielded
23.	Digital Freq. In 3 VR -	Blue	Shielded
24.	Spark F	Yellow	Dk. Green
25.	Spark B	Yellow	Orange
26.	Spark D	Yellow	Pink
27.	Spark A	Yellow	White
28.	Dig. Freq. In 1 Uncond.	Purple	White
29.	Digital Switched In 3	Gray	Purple
30.	IAC1B	Blue	Red
31.	IAC1A	Blue	White
32.	IAC2A	Green	White
33.	IAC2B	Green	Red
34.	Digital Freq. In 1 VR +	Purple	Shielded
35.	Digital Freq. In 1 VR -	White	Shielded



- CAN**
1. Switched 12VDC
 2. Switched 12VDC
 3. Ground
 4. CAN H
 5. CAN L

- SERIAL**
1. 5VDC
 2. RX
 3. Ground
 4. TX

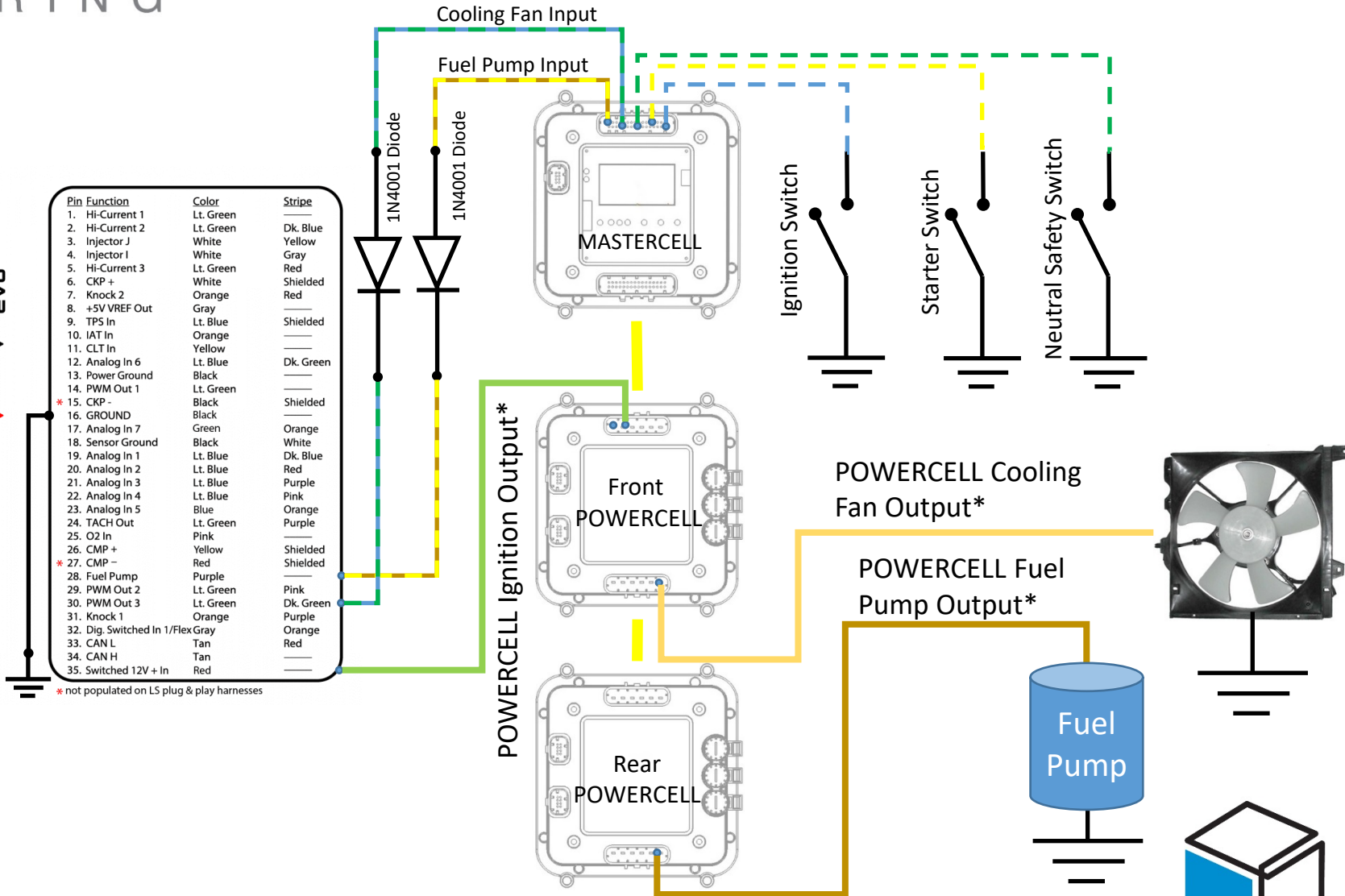
USB

Technical Support: support@ampefi.com



Pin	Function	Color	Stripe
1.	Hi-Current 1	Lt. Green	—
2.	Hi-Current 2	Lt. Green	Dk. Blue
3.	Injector J	White	Yellow
4.	Injector I	White	Gray
5.	Hi-Current 3	Lt. Green	Red
6.	CKP +	White	Shielded
7.	Knock 2	Orange	Red
8.	+5V VREF Out	Gray	—
9.	TPS In	Lt. Blue	Shielded
10.	IAT In	Orange	—
11.	CLT In	Yellow	—
12.	Analog In 6	Lt. Blue	Dk. Green
13.	Power Ground	Black	—
14.	PWM Out 1	Lt. Green	—
15.	CKP -	Black	Shielded
16.	GROUND	Black	—
17.	Analog In 7	Green	Orange
18.	Sensor Ground	Black	White
19.	Analog In 1	Lt. Blue	Dk. Blue
20.	Analog In 2	Lt. Blue	Red
21.	Analog In 3	Lt. Blue	Purple
22.	Analog In 4	Lt. Blue	Pink
23.	Analog In 5	Lt. Blue	Orange
24.	TACH Out	Lt. Green	Purple
25.	O2 In	Pink	—
26.	CMP +	Yellow	Shielded
27.	CMP -	Red	Shielded
28.	Fuel Pump	Purple	—
29.	PWM Out 2	Lt. Green	Pink
30.	PWM Out 3	Lt. Green	Dk. Green
31.	Knock 1	Orange	Purple
32.	Dig. Switched In 1/Flex	Gray	Orange
33.	CAN L	Tan	Red
34.	CAN H	Tan	—
35.	Switched 12V + In	Red	—

* not populated on LS plug & play harnesses



*NOTE: Infinitybox wire Colors & Connector Positions will vary for different kits. See the Configuration Sheet that came with your kit for exact wire colors and locations.

**NOTE: Read and understand the manual that came with your EFI system before wiring. Diagram only shows connections to Infinitybox system.