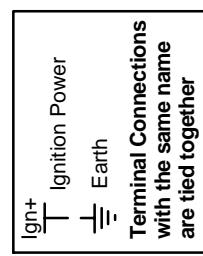


Ford V6 3Coil 5V Mag

Harness Required: E01 Ver 1.1 & E09 Ver 1.0

Last Changed: 04/03/2008

Drawing Ver: 1.0



Terminal Connections
with the same name
are tied together

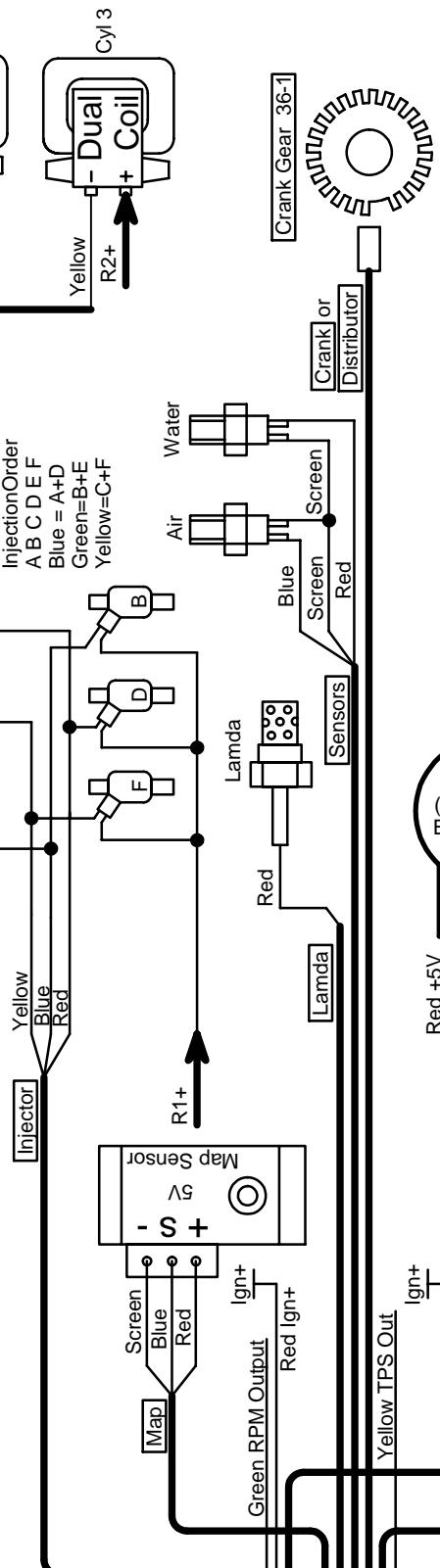


EMU
Controller

reen
yellow

R1+ 

(See Injector Wiring In EMU User Manual)



<u>Pin Description</u>
1. Negative - Blue
2. Positive - Red

Yellow GP Output 1 Max Load =
Green GP Output 2 500mA to Ground
Connect to Relay

UMLA to Ground
Connect to Relay

This wiring diagram illustrates the electrical connections for a fuel pump and its associated power relay. The circuit starts with a 12V battery connected to the fuel pump and a power relay. The fuel pump's ground connection is also linked to the power relay's common terminal. The power relay's coil is energized via a 15A fuse, which is controlled by an Ignition switch. The power relay's normally open contact connects the fuel pump's positive terminal to the ignition switch. The fuel pump's negative terminal is connected to ground. The fuel pump's positive terminal is also connected to the 86 Red terminal of a power relay injector. The 85 terminal of the power relay injector is connected to the 10A fuse, which is controlled by a Red switch. The 30 terminal of the power relay injector is connected to ground. The 87 terminal of the power relay injector is connected to the R1+ terminal of another power relay injector. The 86 Red terminal of this second power relay injector is connected to the 15A fuse, which is controlled by a Blue switch. The 30 terminal of this second power relay injector is connected to ground. The 87 terminal of this second power relay injector is connected to the R2+ terminal.

Harness Connector Pin View		Harness Connector Pin View	
1. Blue	- Coil 2-	1. Blue	- Air Temp Sensor
2. Yellow	- Injector C&F	2. Blue	- TPS Sensor
3. Red	- Injector A&D	3. Blue	- Map Sensor
4. Blue	- Fuel Relay	4.	- Input Spare
5. Yellow	- GP Output 1	5.	- Hall Input 2
6. Red	- Coil 1-	6.	- Hall Input 1
7. Yellow	- Coil 3-	7. Red	- Water Temp Sensor
8. Blue	- Injector B&E	8. Red	- Lambda Sensor
9. Green	- RPM Output	9. Red	- +5V Output
10. Green	- GP Output 2	10. Red	- +12V Ign Input
		11.	- Magnetic Input 2+
		12. Red	- Magnetic Input 1+