



Megasquirt Relay Board Wire Coloring

Fuel Only
www.thedubshop.com

Label	✓	Wire Color	Wire Size	Description
Inj2		Light Green	18	Cylinder 1 - Paired with Cylinder 2
Inj2		Dark Green	18	Cylinder 4 - Paired with Cylinder 3
Inj1		Light Blue	18	Cylinder 3
Inj1		Dark Blue	18	Cylinder 2
FP		Red	16	Fuel Pump Power Output
Fidle		Black	18	PWM Idle Air Control (Solenoid Optional)
S1				Option 1
S2				Option 2
S3				Option 3
S4				Option 4
S5				Option 5
Vref		Yellow	20	TPS 5 Volt Feed
Tps		Orange	20	TPS 0-5 Volt Signal
Tps Ret		Black	20	TPS Ground
Tach		Brown	20	To (-) of Ignition Coil
MAT		Orange	20	Air Temp Signal
MAT Ret		Black	20	Air Temp Ground
CLT		Yellow	20	Coolant Signal (Place Copper Lug Under Cylinder #3 Head Tin Bolt)
CLT Ret		Black	20	Coolant Temp Ground
02		Brown	20	LC-1 Wideband Datalog Output
		Yellow	20	LC-2 Wideband Datalog Output
Inj 12v		Red	18	Injector 1
		Red	18	Injector 4
		Red	18	Injector 3
		Red	18	Injector 2
12v BATT		Red	12	<- Direct from Battery
12v Switch		Red	14	<- From Factory Coil Wire or Hot While Key is in Run and Crank Positions
		Red	16	Power -> New Ignition Coil
Engine GND		Black	12	<- Ground from Battery
		Black	16	Ground -> Fuel Pump

Resistor spark plugs required to reduce electrical noise

- 1) Dotted outlines refer to twisted pairs
- 2) Fields with multiple white or grey imply a common connection
- 3) Injector pairing = 1+4 and 3+2 for alternating squirts