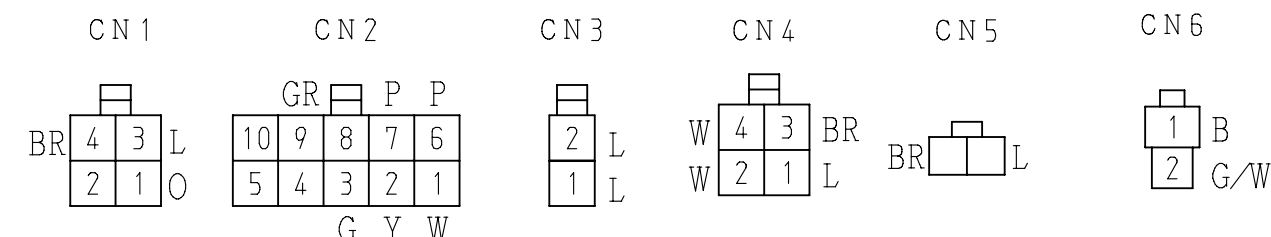
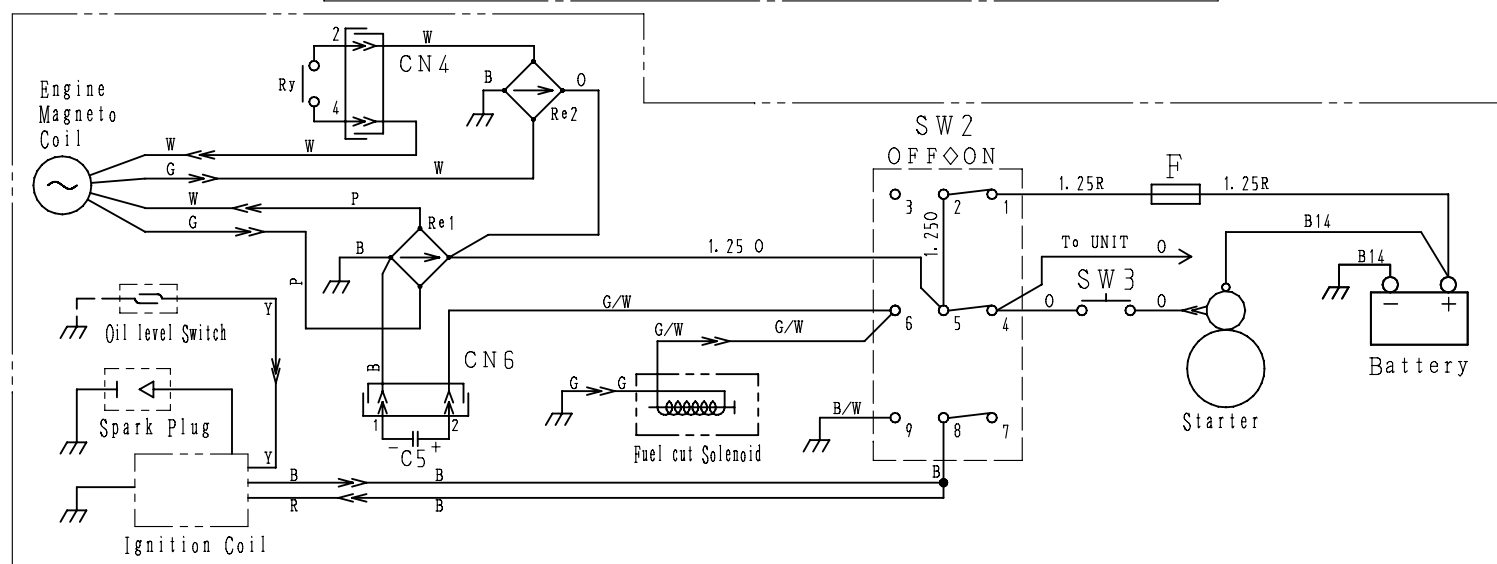


SYMBOL	PARTS NAME
Ar	Armature Ass'y
Rotor	Rotor Ass'y
UNIT	Control Unit
CB	AC Circuit Breaker (GFCI)
CON1	Receptacle
CON2	Receptacle
V	AC Voltmeter
C3	Surge Filter
SW1	Idle Control Switch
VR1	Current Regulator
VR2	Arc Force Regulator
L1	DC Reactor
⊕ ⊖	Welding Output Terminal
SW2	Operation Switch
SW3	Start Switch
Re1, 2	Rectifier
S	Solenoid
Ry	Relay
C5	Condenser
F	Fuse



Connector
(View from Inserting Wire side)

Wire Size	WIRING COLOR CODE			
	SYMBOL	COLOR	SYMBOL	COLOR
1.25: 1.25mm ²	B	BLACK	R	RED
2: 2mm ²	L	BLUE	W	WHITE
3.5: 3.5mm ²	BR	BROWN	Y	YELLOW
14: 14mm ²	G	GREEN	LB	LIGHT BLUE
22: 22mm ²	GR	GRAY	LG	LIGHT GREEN
NO MARK: 0.75mm ²	V	VIOLET	O	ORANGE
	P	PINK		

GAW-180HEA GFCI WIRING DIAGRAM