

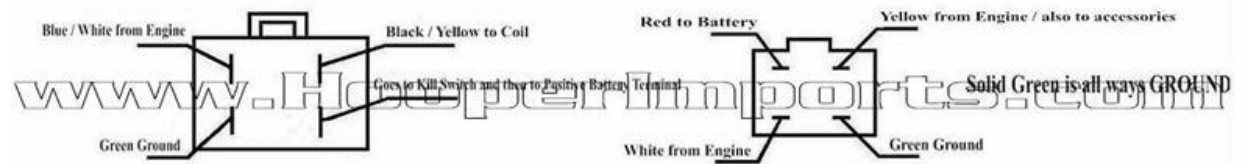
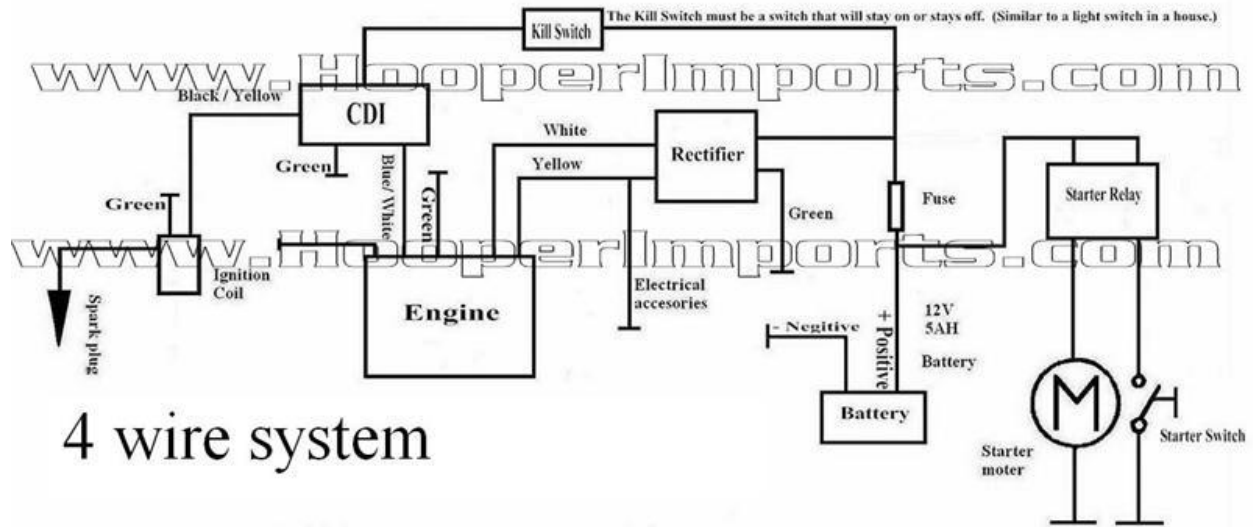
Trigger

Ignition Coil

Ground

**Switched
12 volts DC**

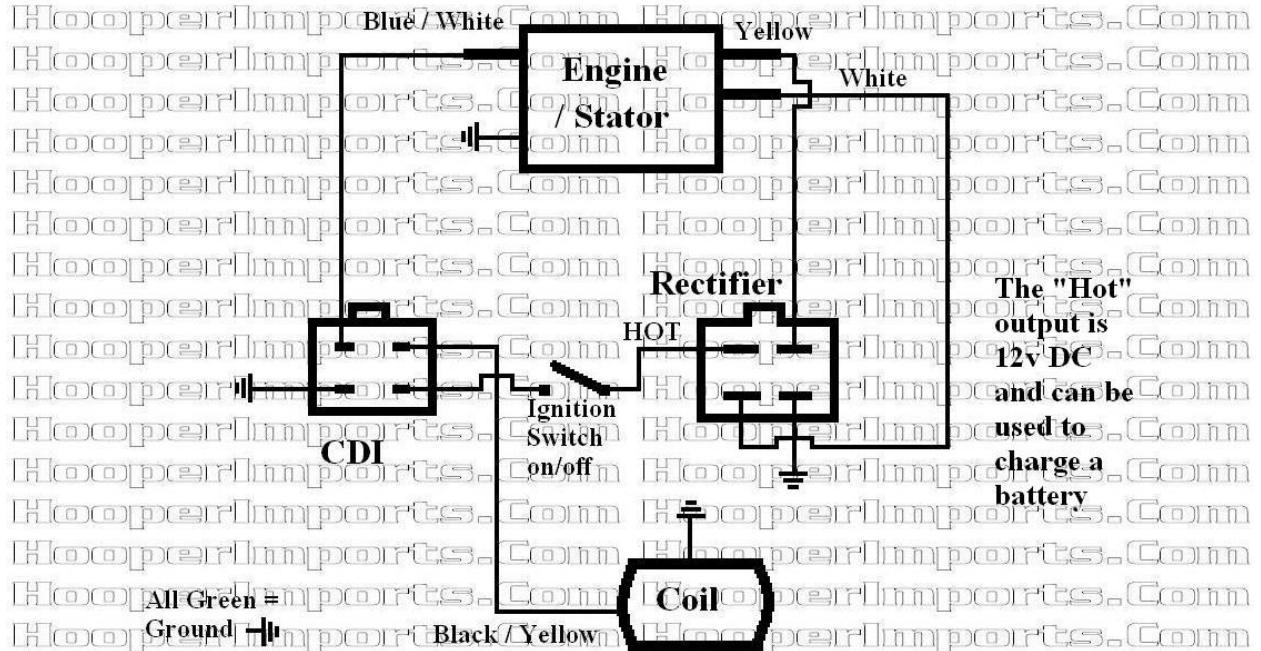


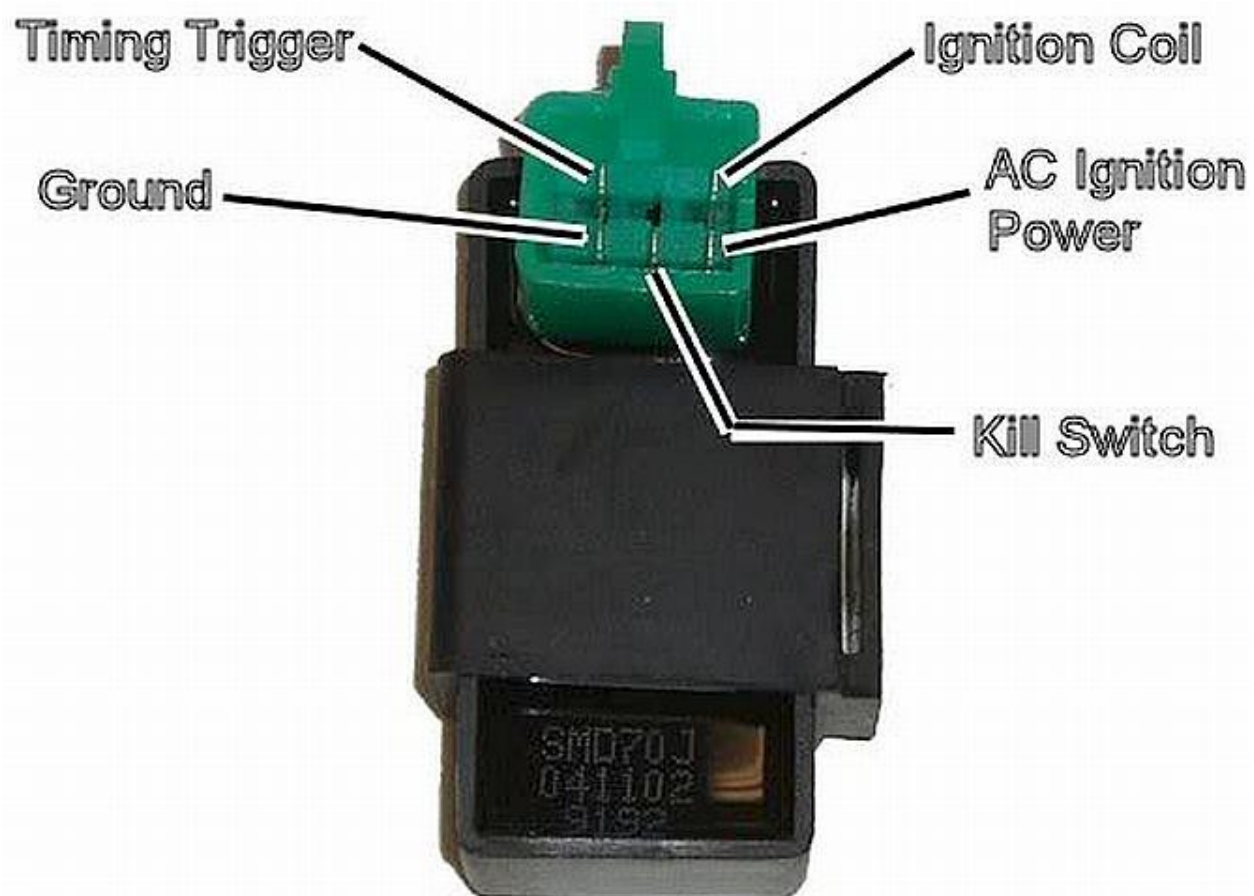


C. D. I.

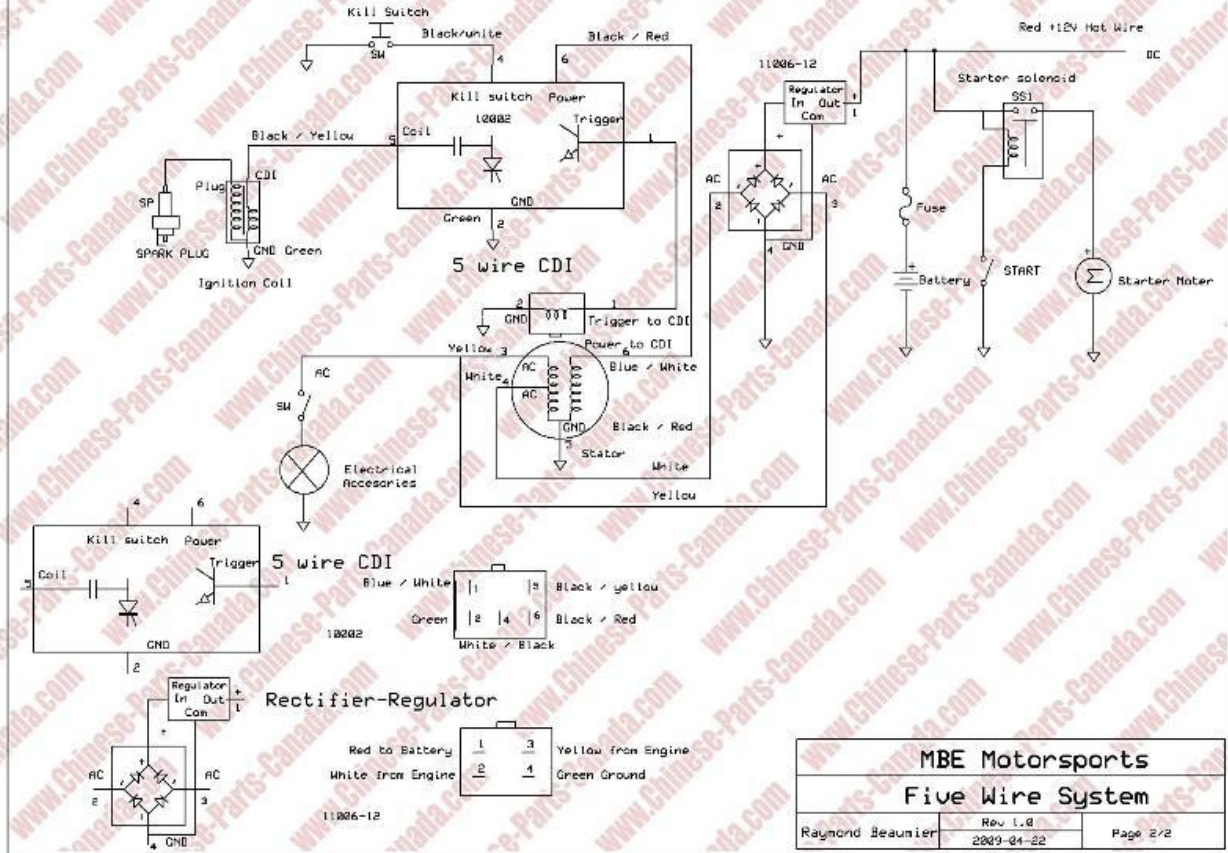
Rectifier

4 Wire System CDI without a battery

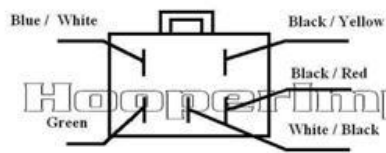
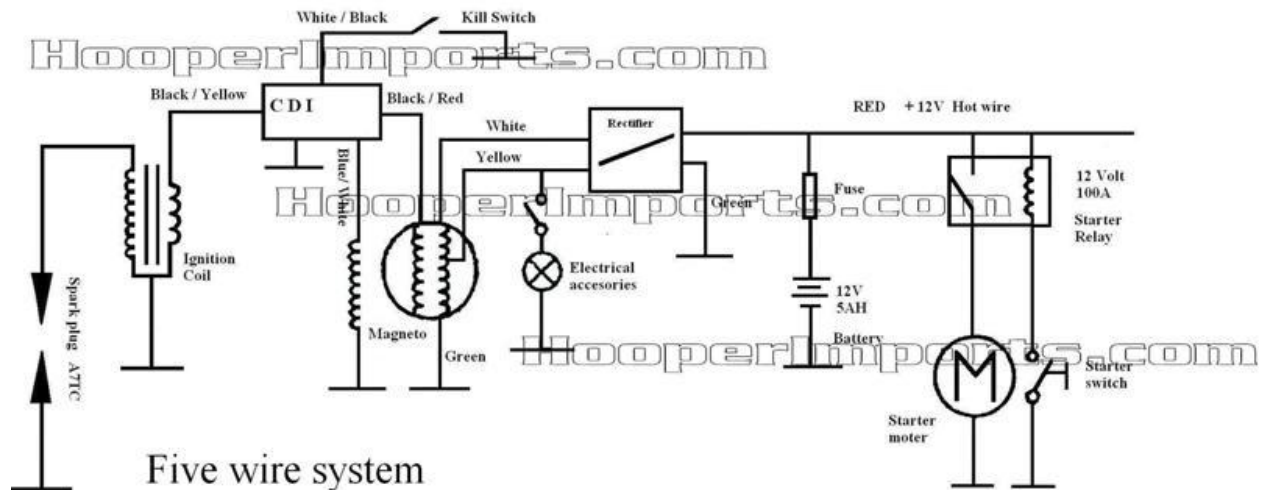




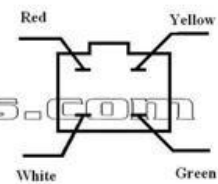
Five Wire System



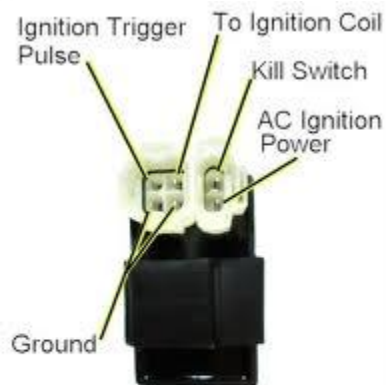
MBE Motorsports		
Five Wire System		
Raymond Beaumier	Rev 1.0 2009-04-22	Page 2/2

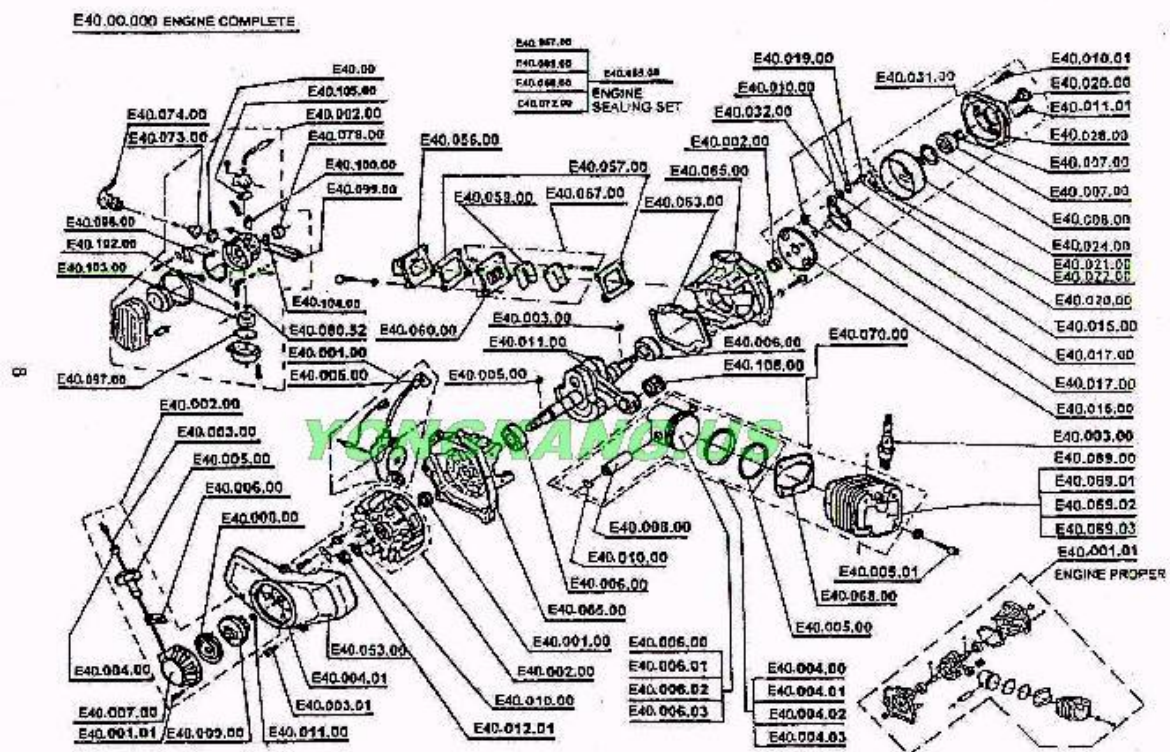
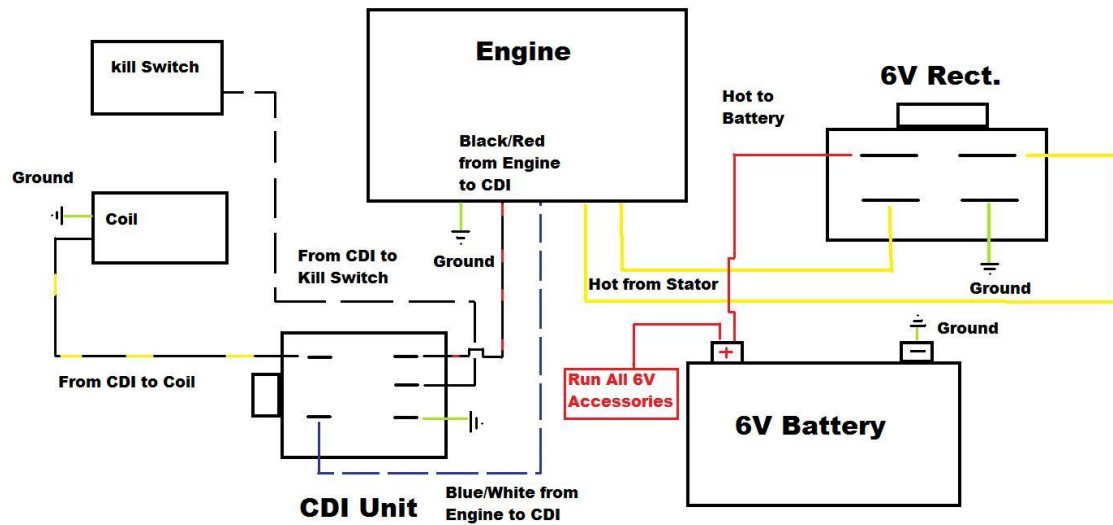


C. D. I.

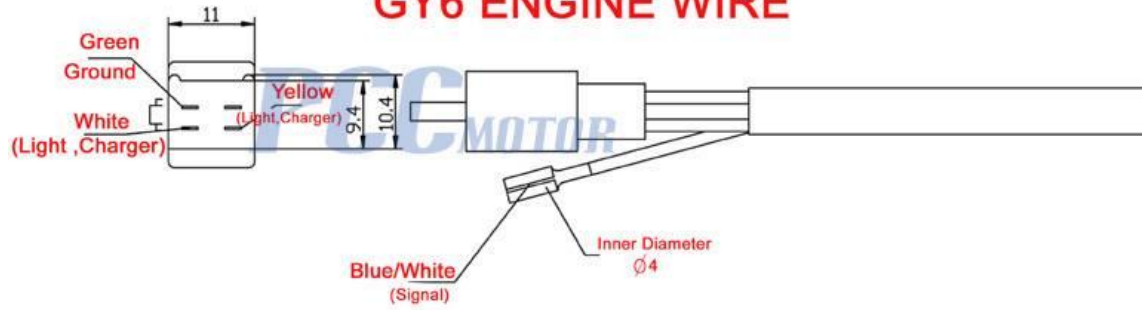


Rectifier

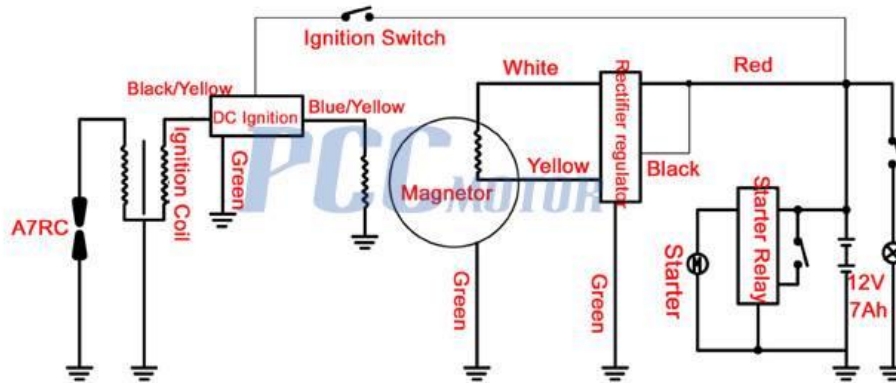




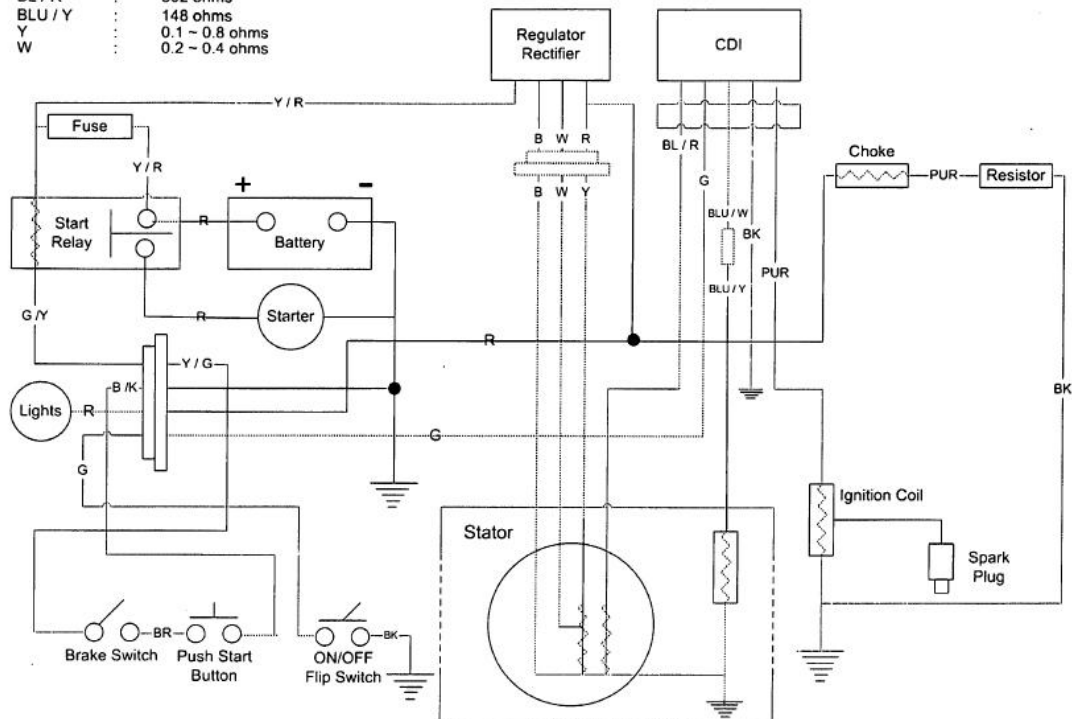
GY6 ENGINE WIRE

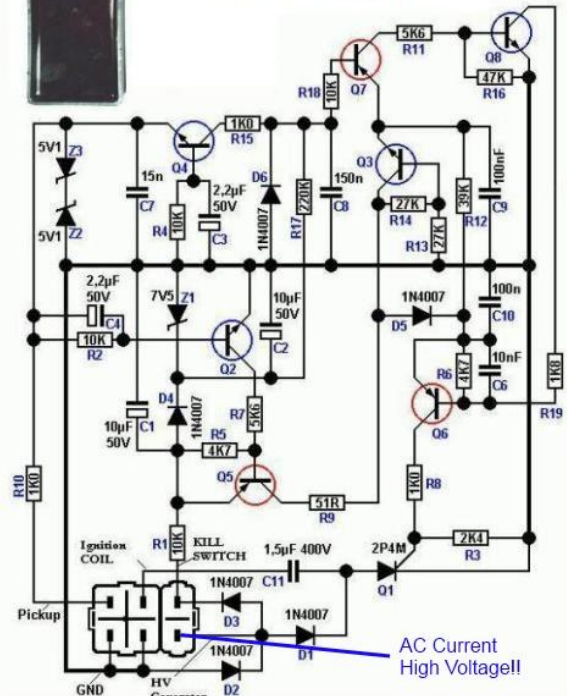
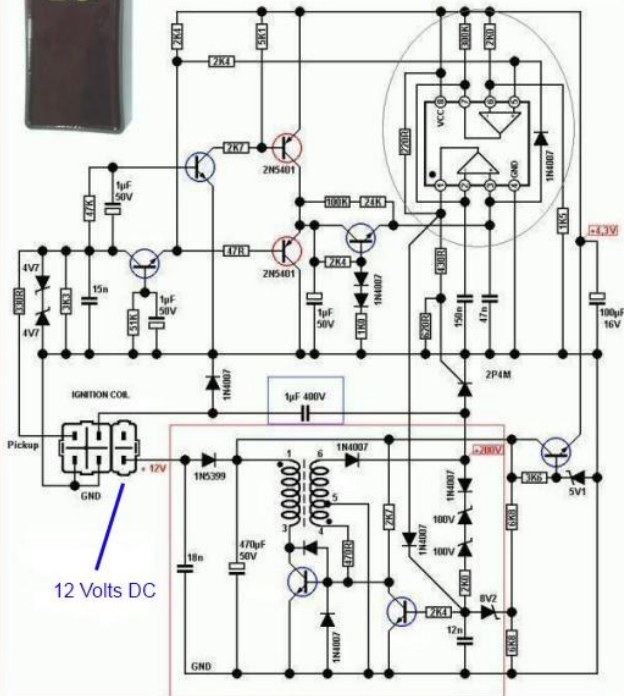


4-STROKE GY6 WIRE DIAGRAM



BL / R	502 ohms
BLU / Y	148 ohms
Y	0.1 ~ 0.8 ohms
W	0.2 ~ 0.4 ohms



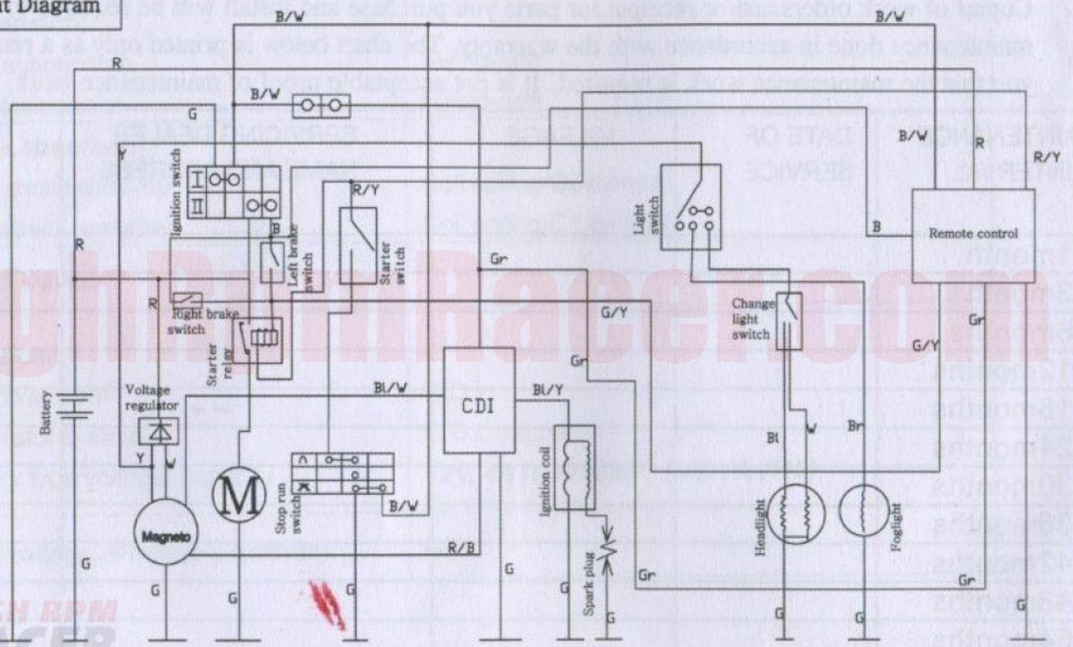


Note	Colour
B	Black
G	Green
O	Orange
R	Red
Bl	Blue
Gr	Gray
P	Purple
B/G	Black/Green
B/R	Black/Red
B/W	Black/White
B/Y	Black/Yellow
G/B	Green/Black
G/Y	Green/Yellow
Br/B	Brown/Blue
P	Pink
Br/W	Brown/White
G/B	Green/Blue
G/R	Green/Red
G/W	Green/White
G/Y	Green/Yellow
O/W	Orange/White
R/B	Red/Black
R/Br	Red/Brown
W/R	White/Red
Y/R	Yellow/Red
Y/W	Yellow/White
Bl/Y	Blue/Yellow

Note	Colour
B	Black
G	Green
O	Orange
R	Red
Bt	Blue
Gr	Gray
Pt	Purple
B/G	Black/Green
B/R	Black/Red
B/W	Black/White
B/Y	Black/Yellow
G/B	Green/Black
B/Y	Blue/Yellow
Br/Bt	Brown/Blue
Pt	Pink
Br/W	Brown/White
G/Bt	Green/Blue
G/R	Green/Red
G/W	Green/White
G/Y	Green/Yellow
O/W	Orange/White
R/B	Red/Black
R/R	Red/Brown
W/R	White/Red
Y/R	Yellow/Red
Y/W	Yellow/White
Bt/B	Blue/Black

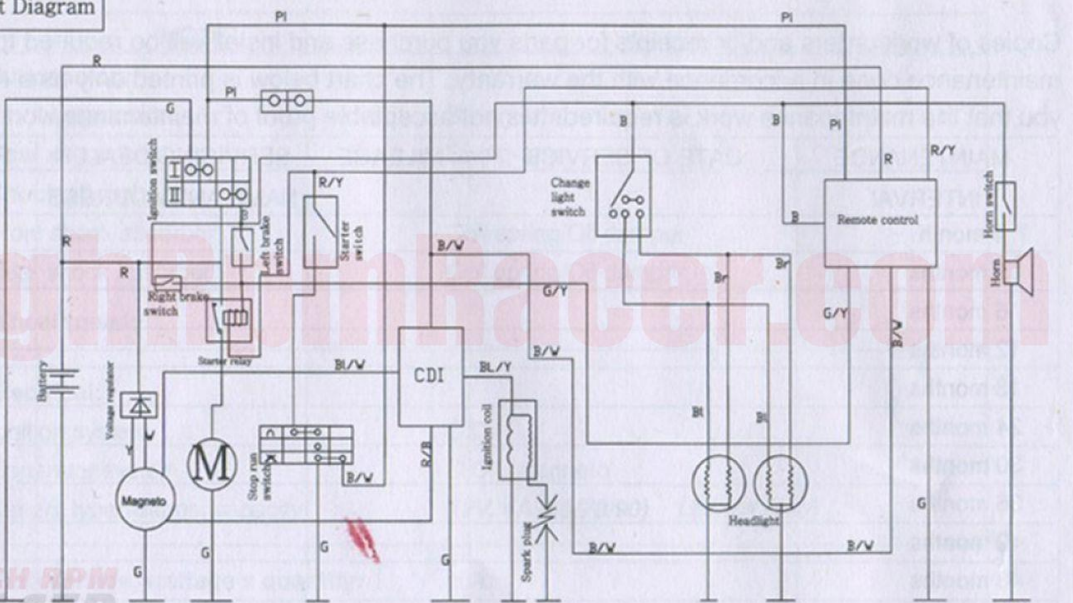
A Type Circuit Diagram

Note	Colour
B	Black
G	Green
O	Orange
R	Red
Bl	Blue
Gr	Gray
Pu	Purple
B/G	Black/Green
B/R	Black/Red
B/W	Black/White
B/Y	Black/Yellow
G/B	Green/Black
B/Y	Blue/Yellow
B/Bl	Brown/Blue
Pi	Pink
Br/W	Brown/White
G/Bl	Green/Blue
G/R	Green/Red
G/W	Green/White
G/Y	Green/Yellow
O/W	Orange/White
R/B	Red/Black
R/Br	Red/Brown
W/R	White/Red
Y/R	Yellow/Red
Y/W	Yellow/White
Bl/B	Blue/Black

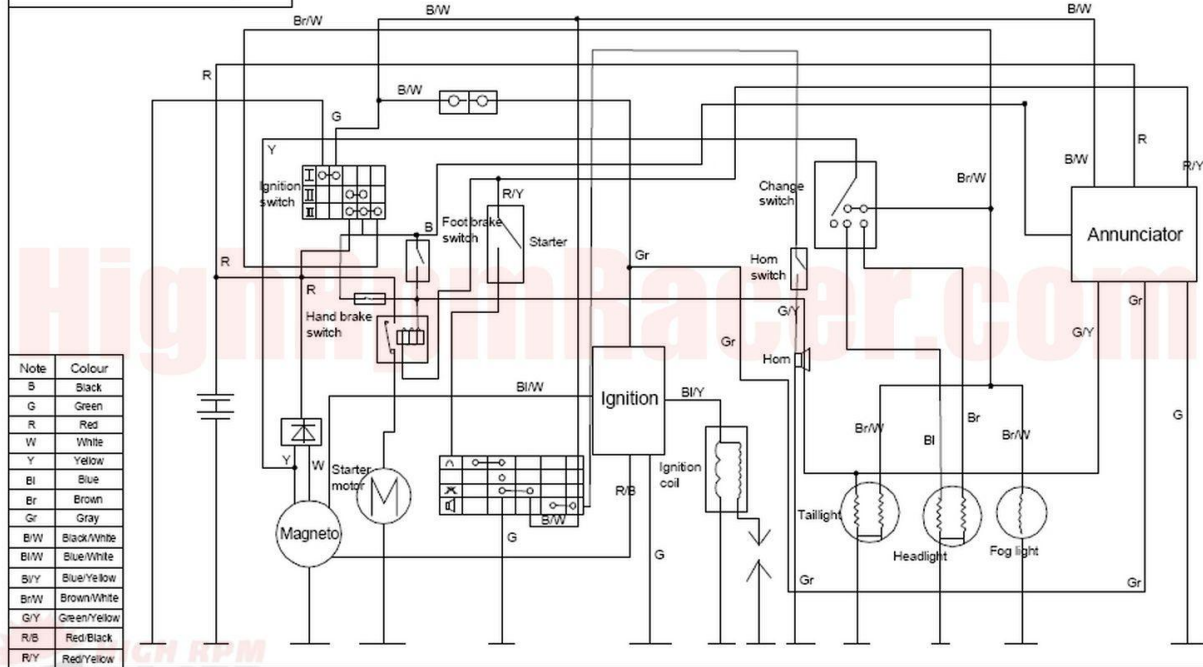


B Type Circuit Diagram

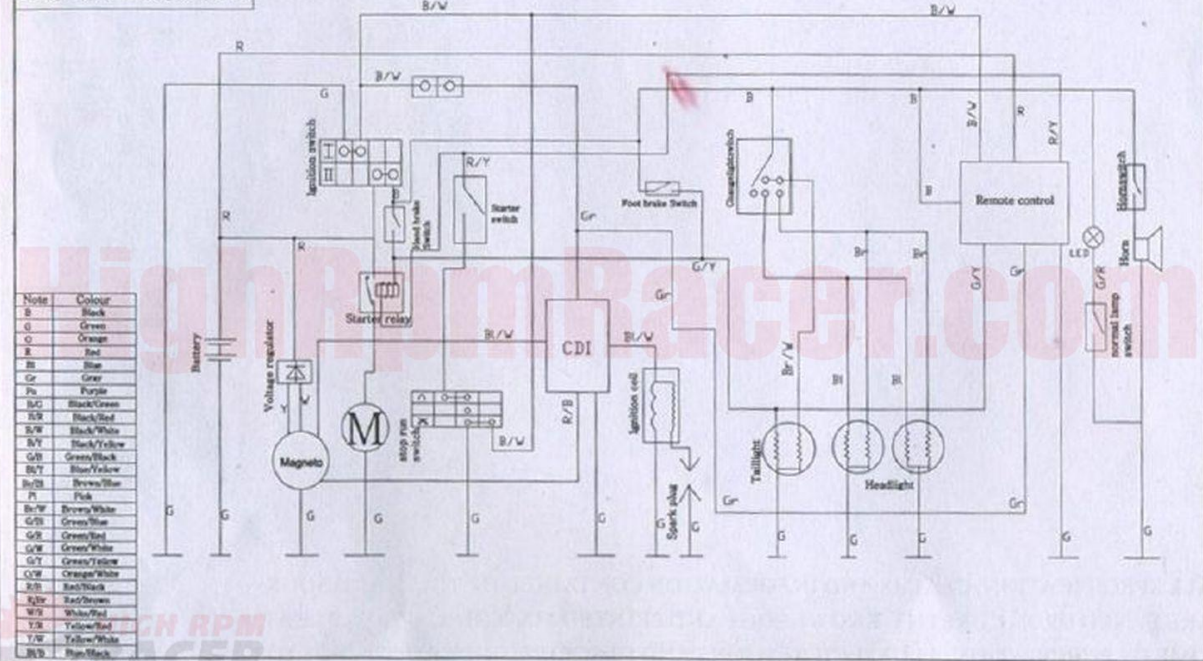
Note	Colour
B	Black
G	Green
O	Orange
R	Red
Bl	Blue
Gr	Gray
Pu	Purple
B/G	Black/Green
B/R	Black/Red
B/W	Black/White
B/Y	Black/Yellow
G/B	Green/Black
B/Y	Blue/Yellow
B/Bl	Brown/Blue
Pi	Pink
Br/W	Brown/White
G/Bl	Green/Blue
G/R	Green/Red
G/W	Green/White
G/Y	Green/Yellow
O/W	Orange/White
R/B	Red/Black
R/Br	Red/Brown
W/R	White/Red
Y/R	Yellow/Red
Y/W	Yellow/White
Bl/B	Blue/Black



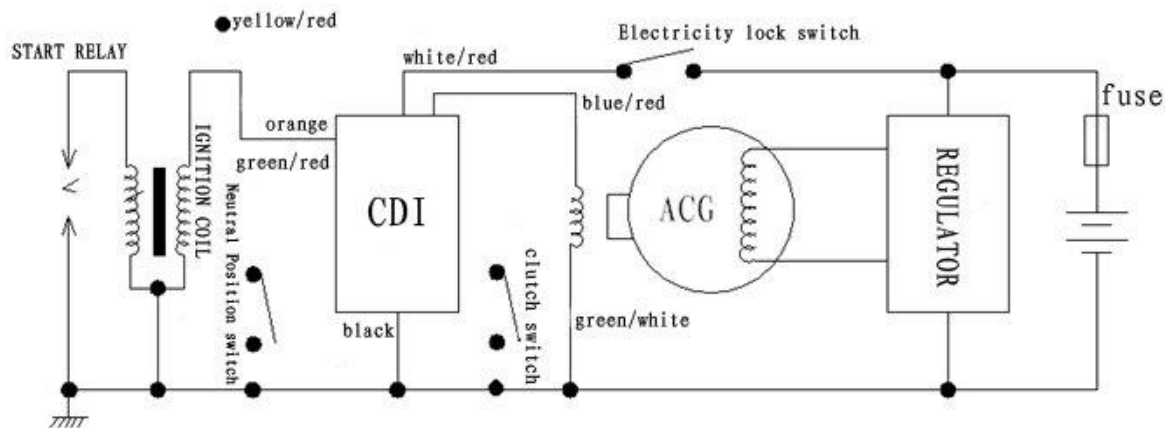
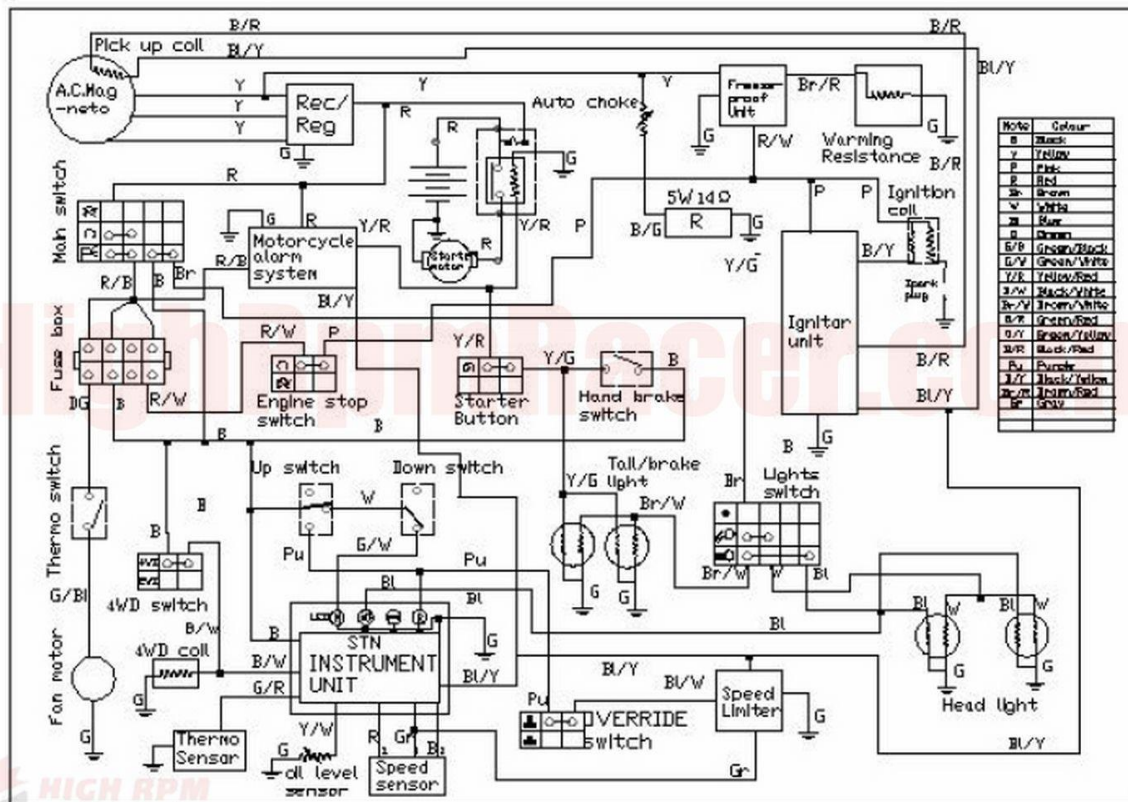
FA-D50-B Circuit Diagram



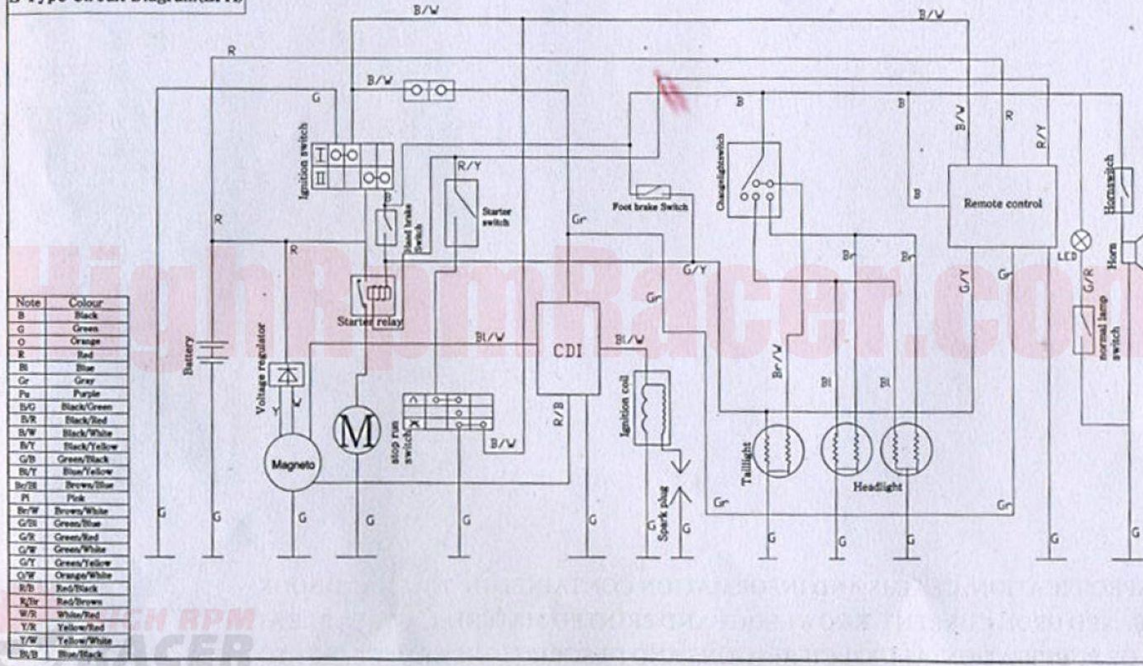
E Type Circuit Diagram(EPA)



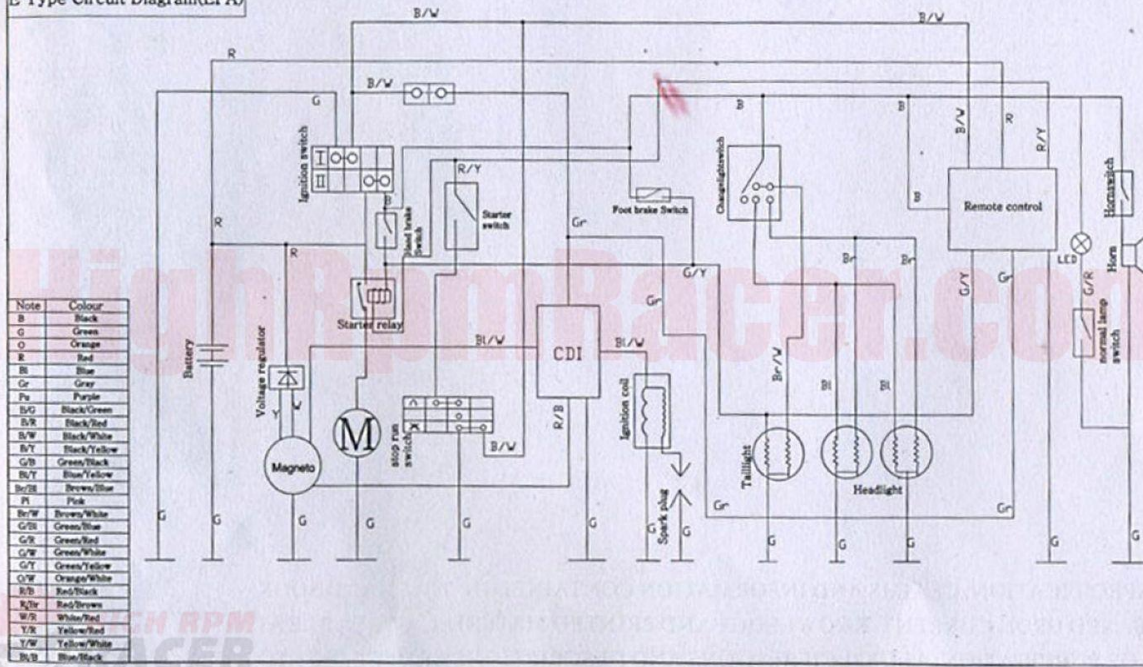
20. WIRING DIAGRAM



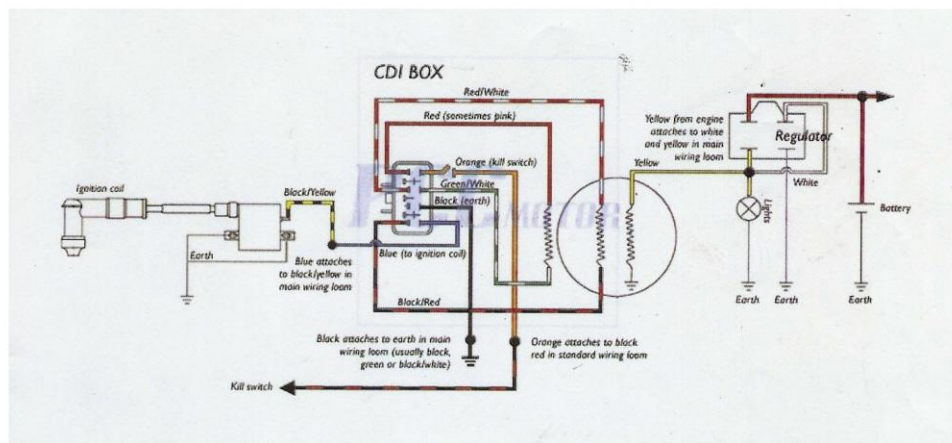
E Type Circuit Diagram(EPA)

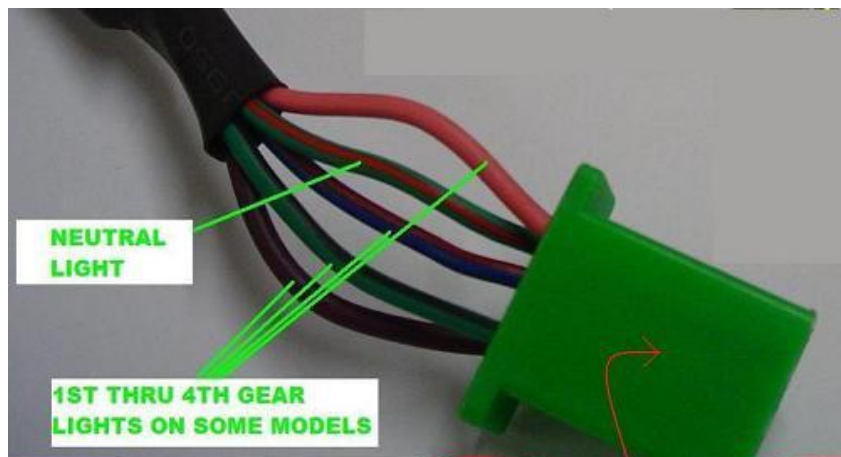


E Type Circuit Diagram(EPA)

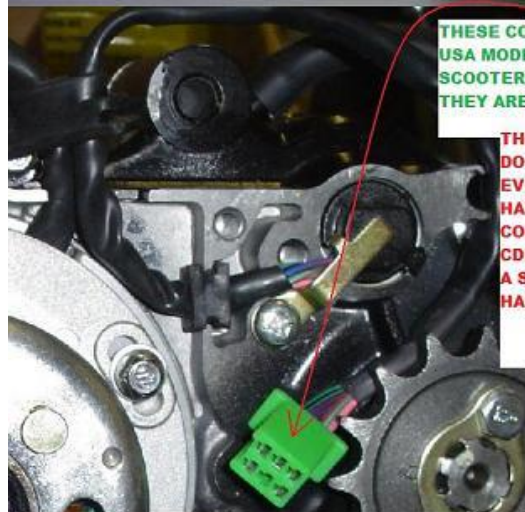


150cc Horizontal Engine





COMMON STATOR WIRE COLORS	WHAT COLOR DOES WHAT
BLACK-RED	PRIMARY COIL CHARGES CDI
GREEN-RED	NEUTRAL LIGHT
WHITE	AC FOR CHARGING BATT
YELLOW	AC FOR RUNNING LIGHTS
GREEN	GROUND
BLUE-WHITE	TRIGGER COIL



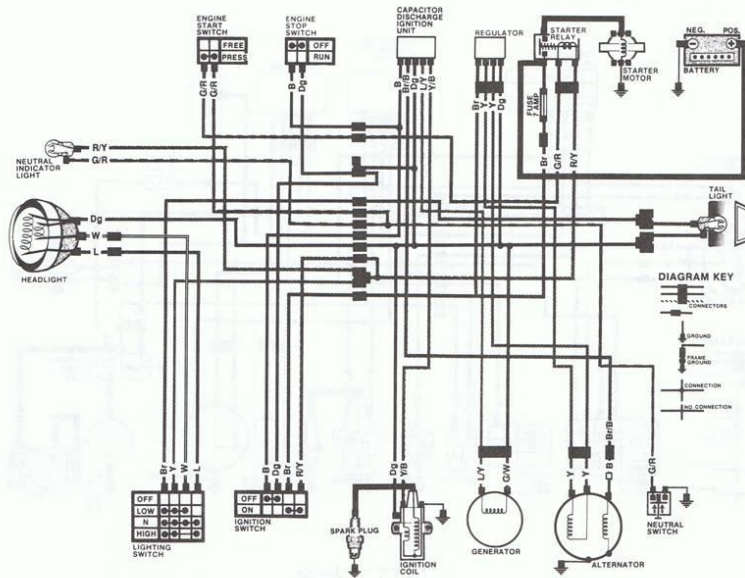
THESE CONNECTORS ARE NOT USED ON MOST USA MODEL BIKES, THEY ARE FOR ASIAN SCOOTERS TO TELL THE DRIVER WHAT GEAR THEY ARE IN,, ONLY !!!!

THEY ARE NOTHING TO DO WITH THE CDI UNIT,, EVEN THOU THEY DO HAVE THE SAME TYPE CONNECTOR. FOR THE CDI UNIT YOU MUST GET A SEPERATE SUB HARNESS, LIKE OUR SUB-W-1

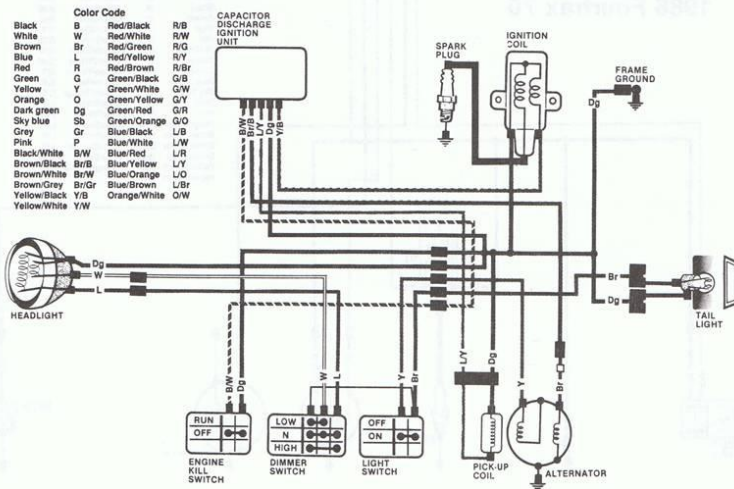


You could see a single wire neutral switch at this location too. But for most you wont need the Gear Indicator wire or Neutral Indicator wire so it wont need to be connected

1984 ATC125M

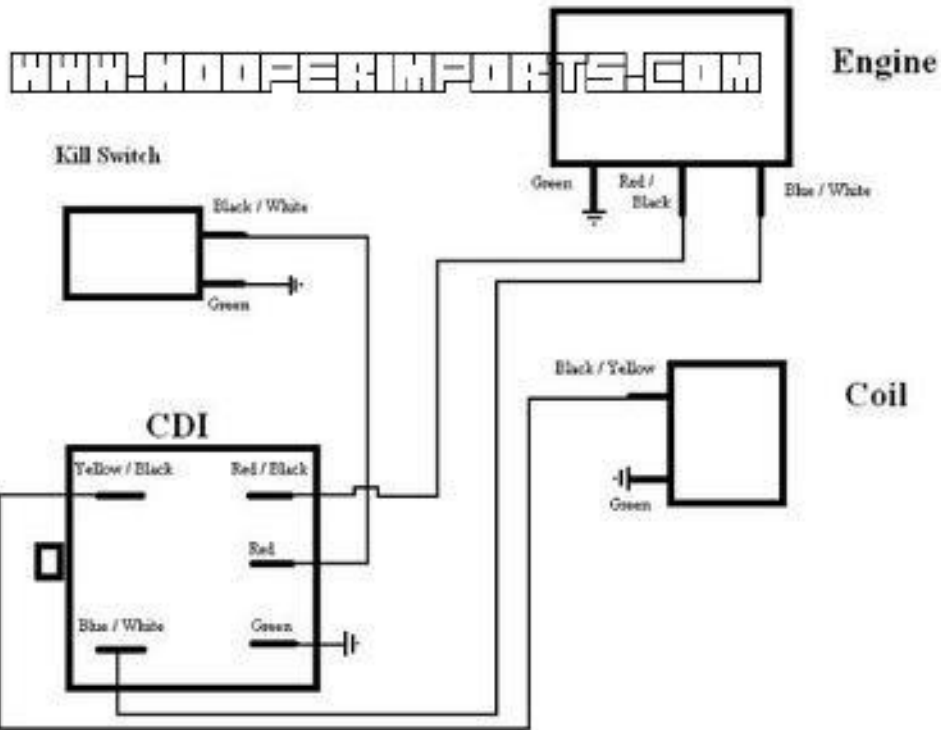
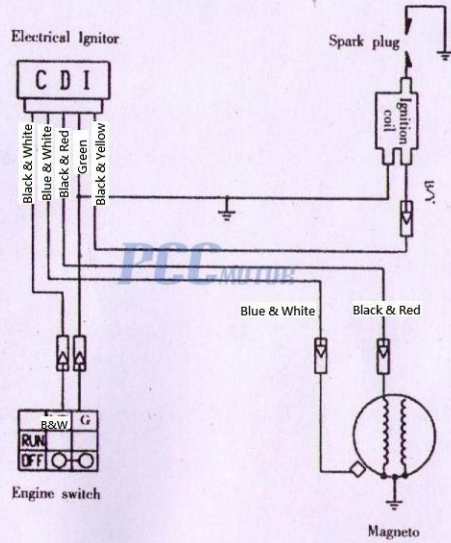


1985 ATC110

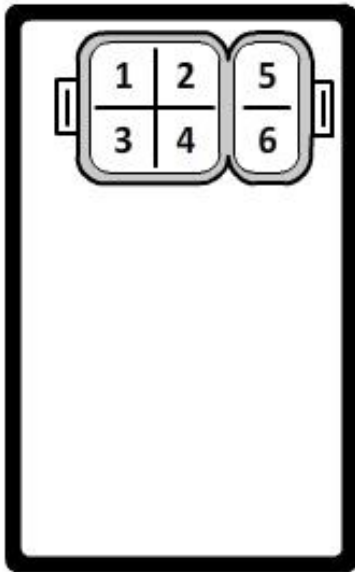


ELECTRICAL CIRCUIT DIAGRAM FOR

88cc, 110cc, 125cc, 138cc and 140cc



CDI Inspection



While cranking the engine, read voltages at the CDI.

Print this form and record the data.

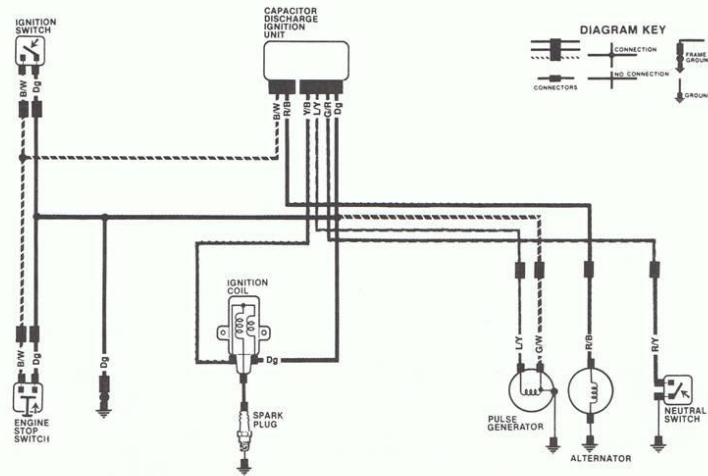
1. Trigger Pulse Input _____ ACv
2. Output to Coil _____ ACv
3. Open
4. Ground _____ ACv
5. Open
6. CDI Power _____ ACv

Ensure that the killswitch is in the ON position.

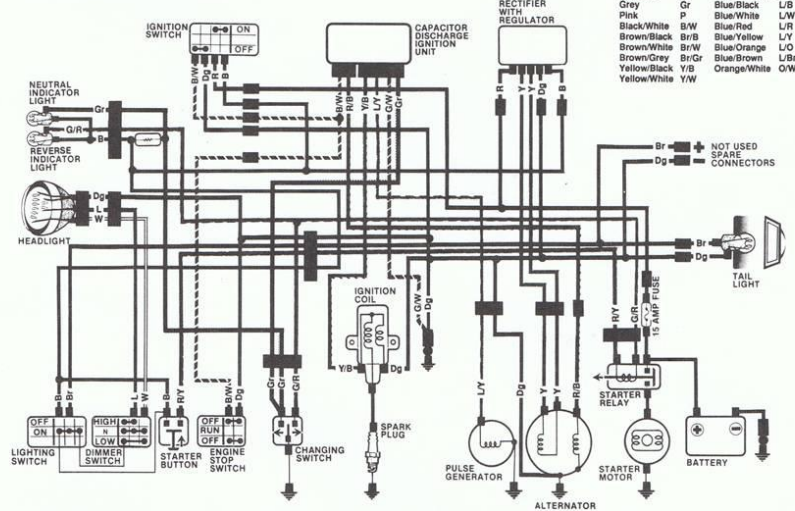
Contact us with your results.

<http://www.buggydepot.com/contact/>

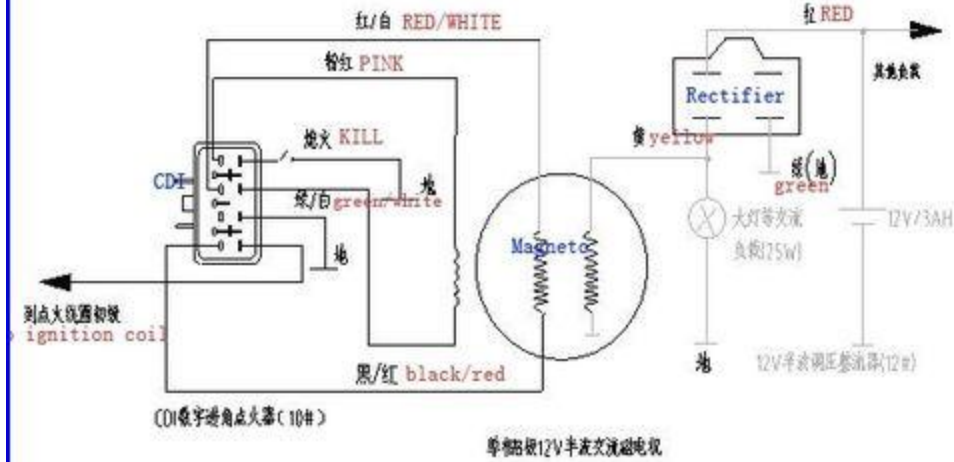
1987 Fourtrax 70



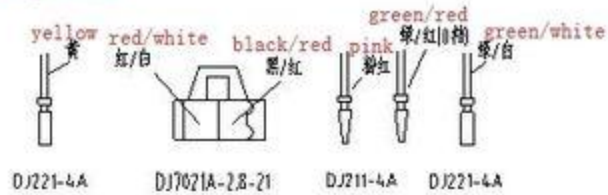
1987 Fourtrax 125



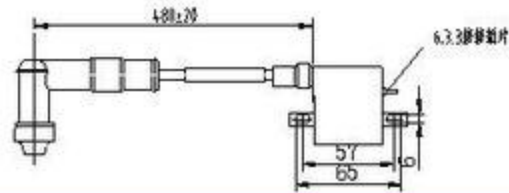
W150运动版油冷发动机电气原理图(2)



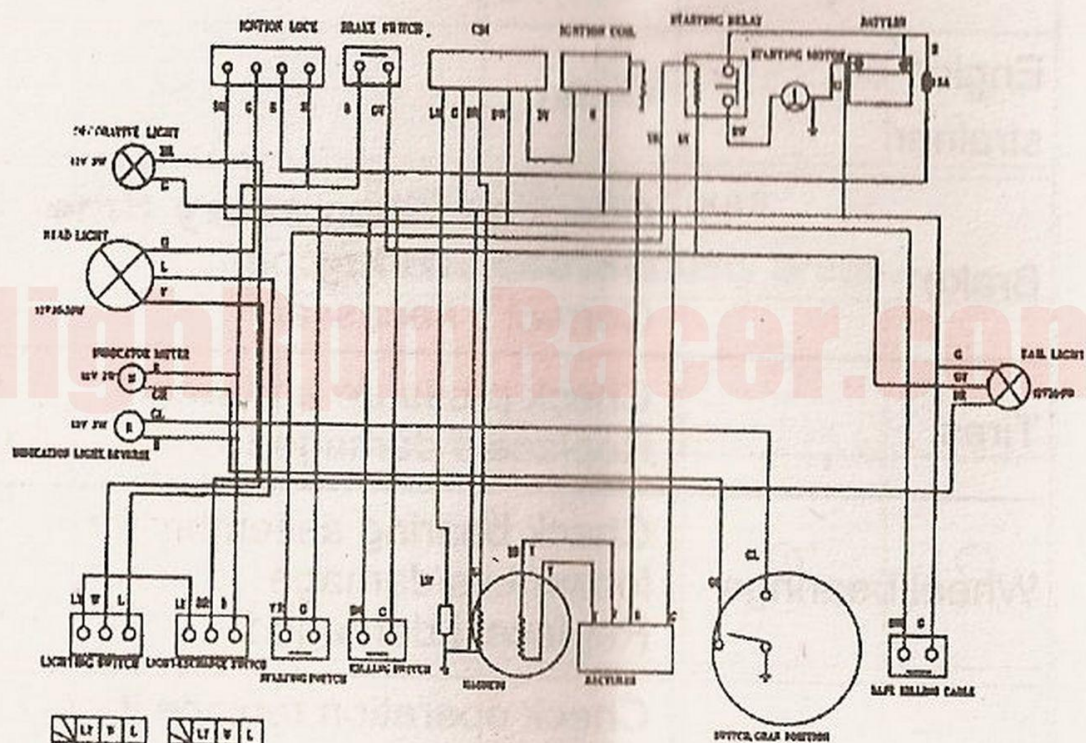
1. 磁电机: 12V, 8度, 半波交流, 线长320mm(定子齿端到进线端距离) 接插状态如图:
Magnet: 12V, 8degrees, half alternating current,
320mm length line



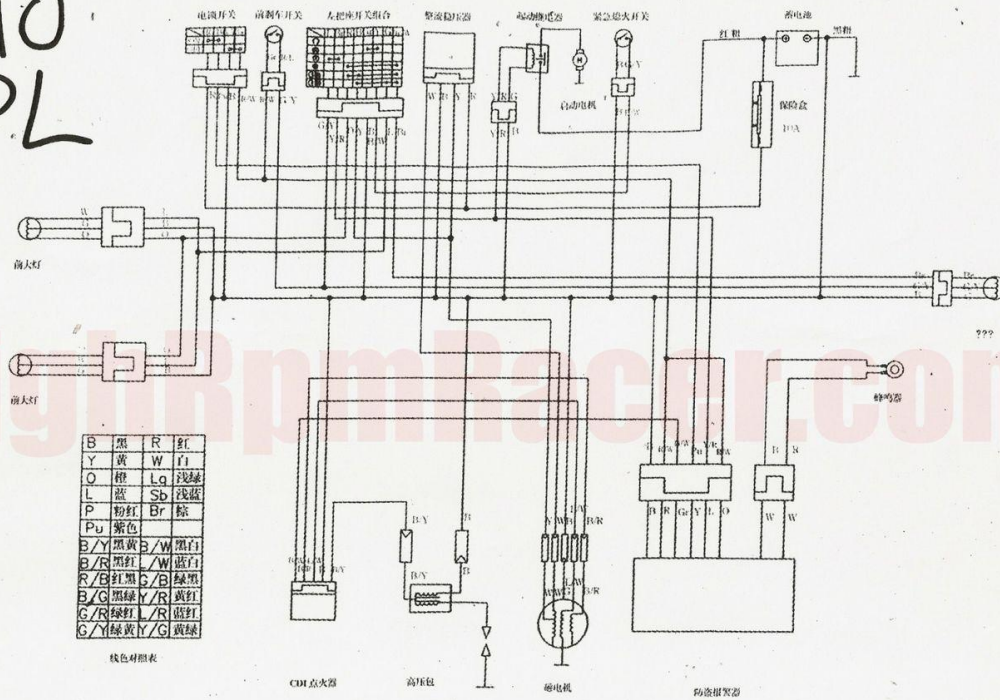
2、点火线圈: (6#) ignition coil

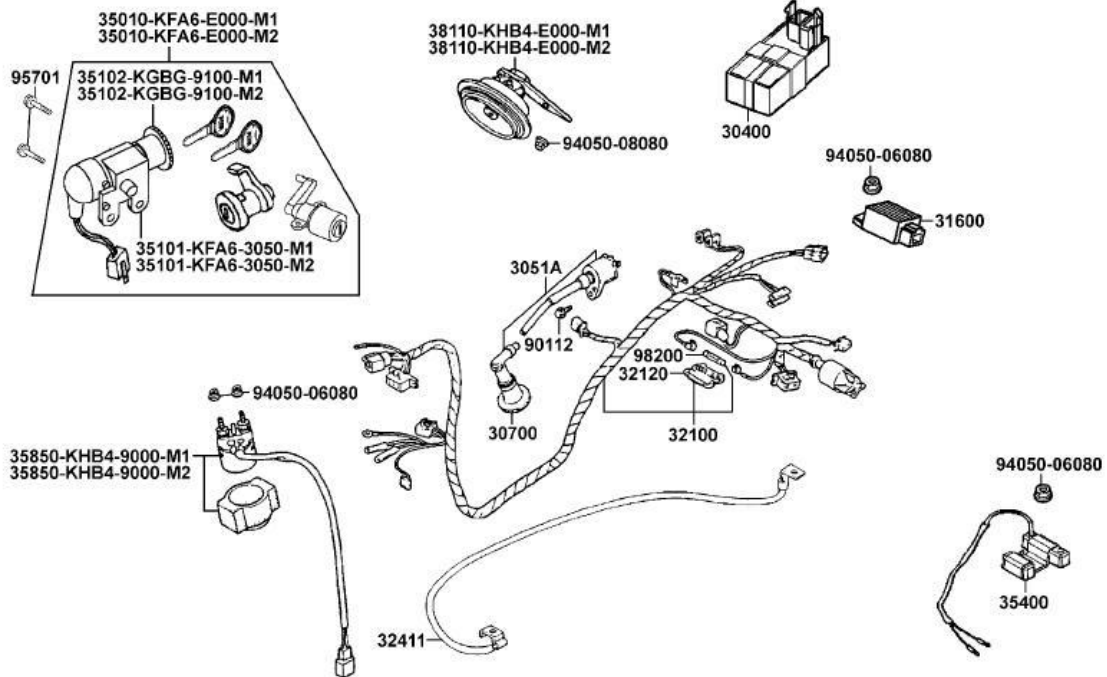


ELECTRIC DIAGRAM

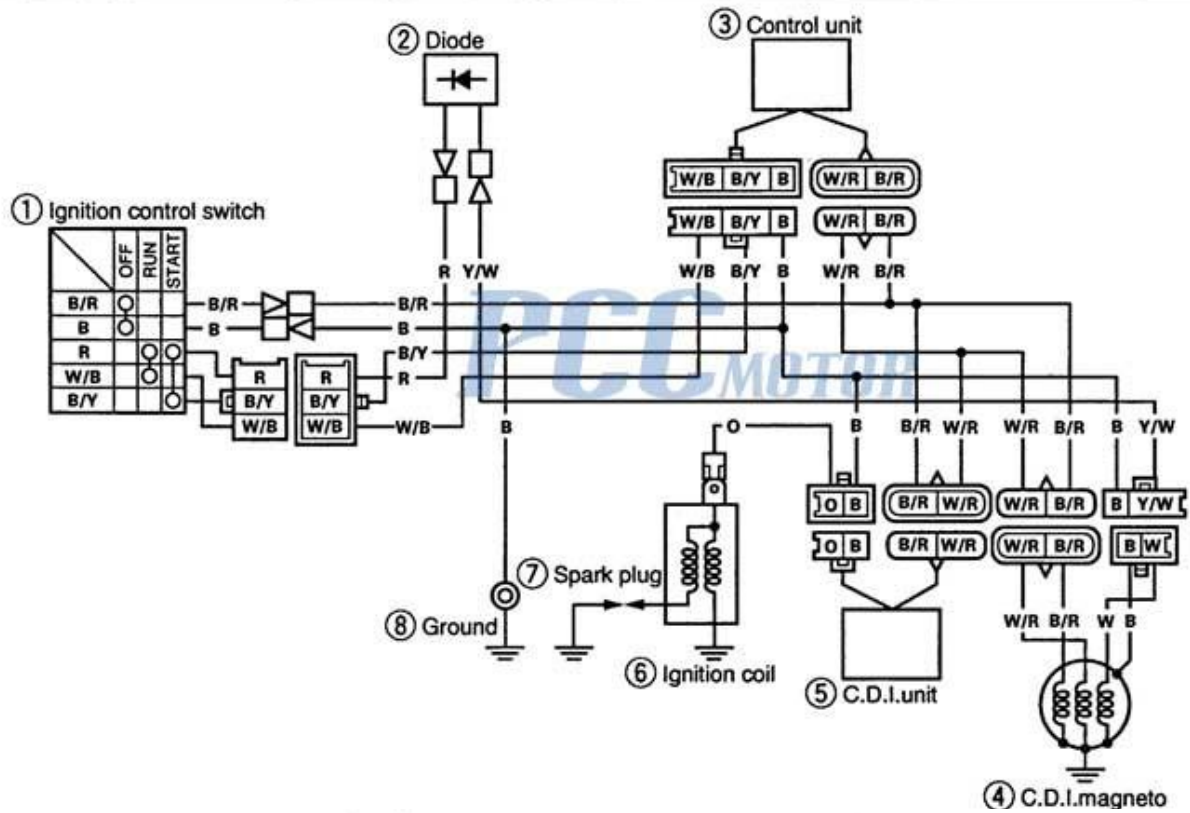


110
PL

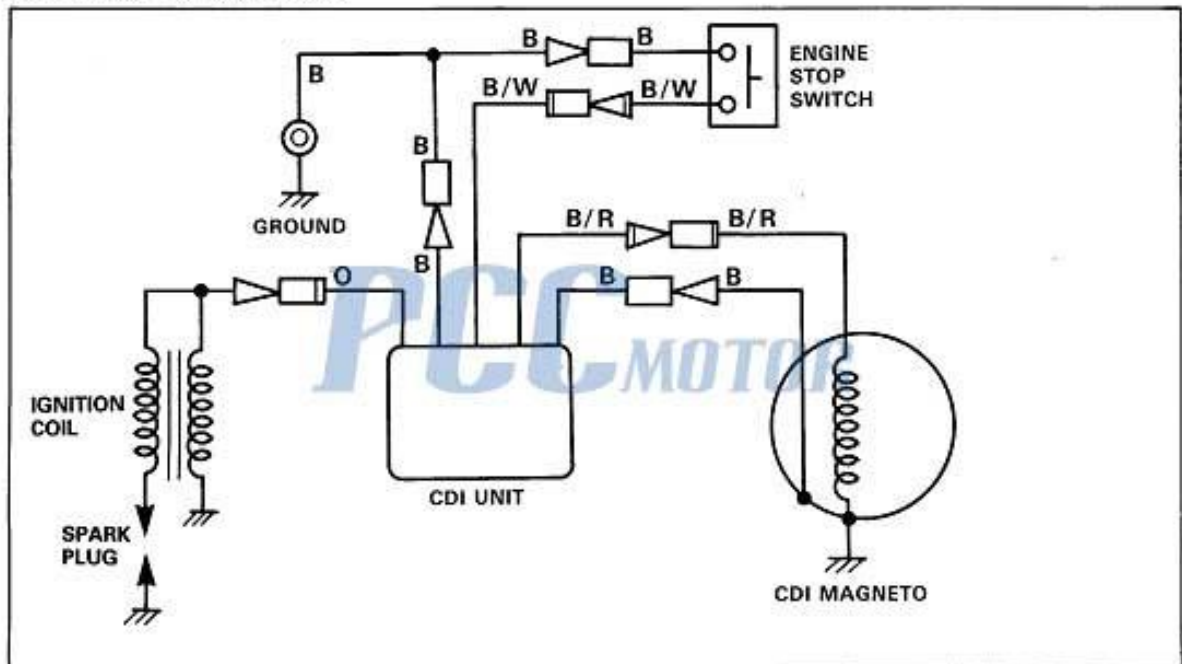


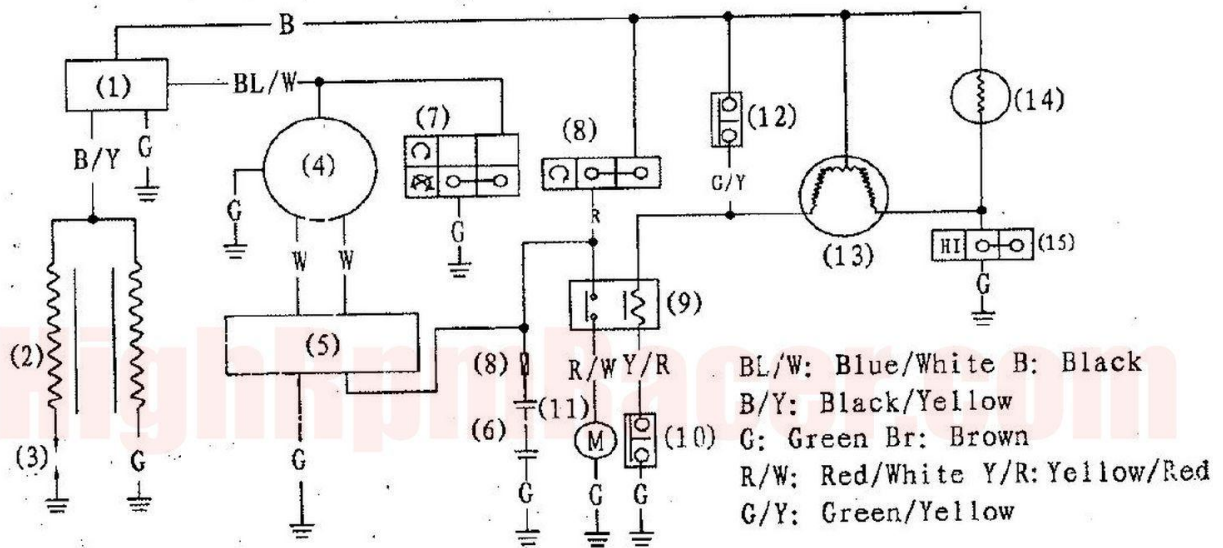


WIRING DIAGRAM

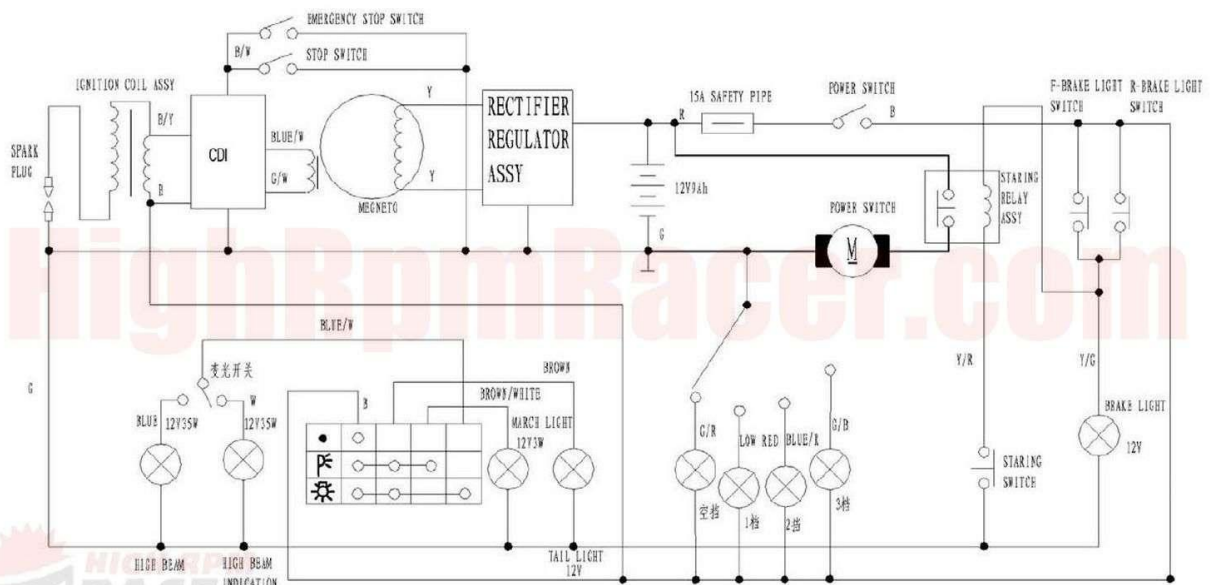


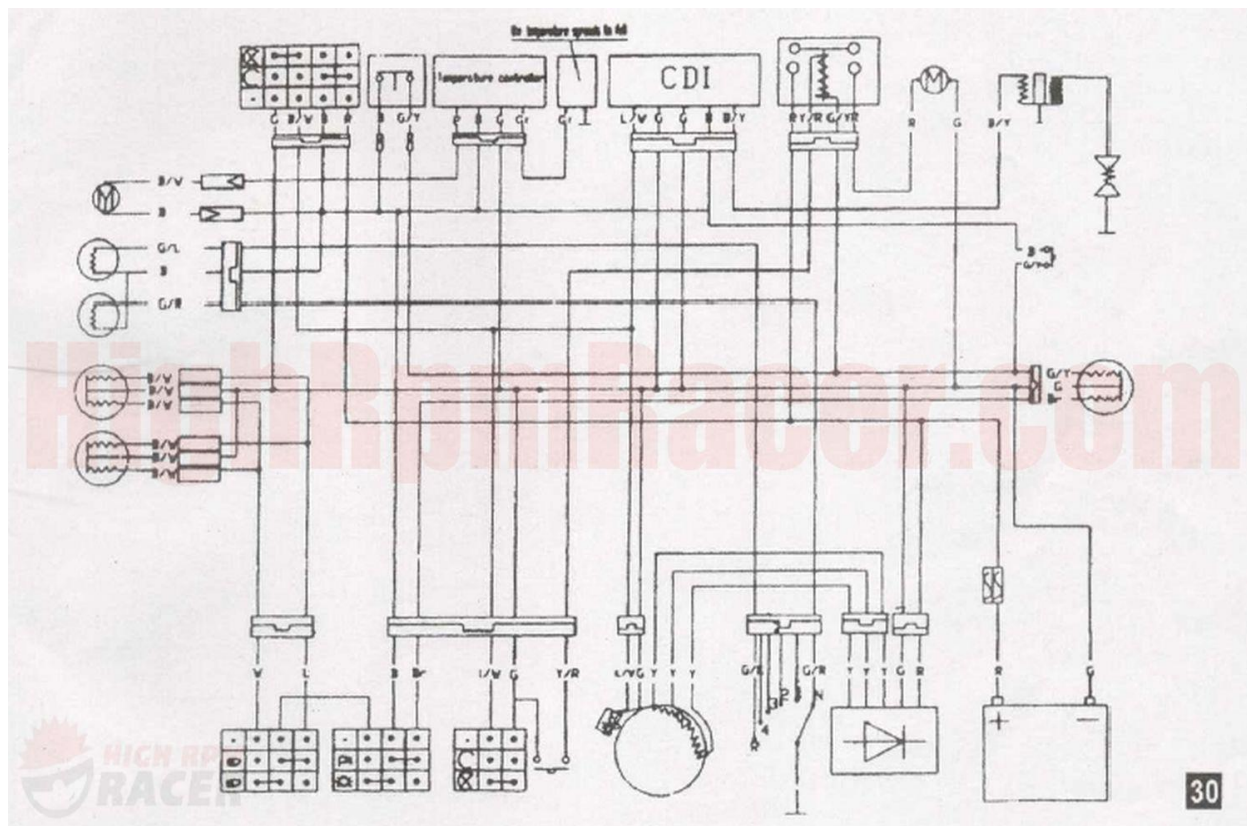
WIRING DIAGRAM



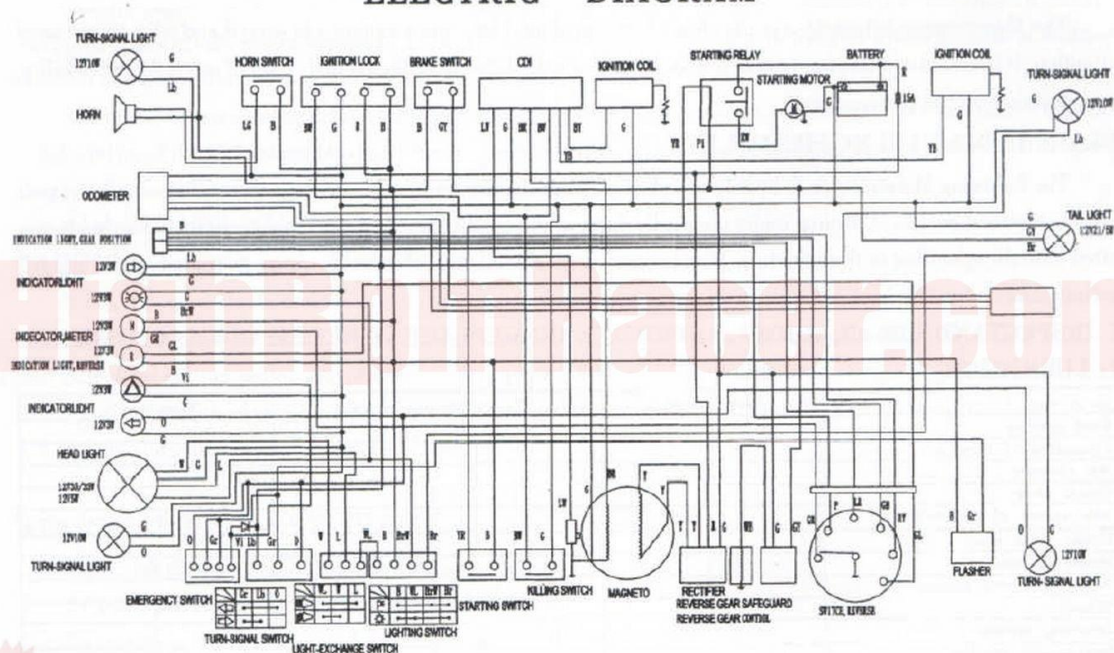


— 22 —

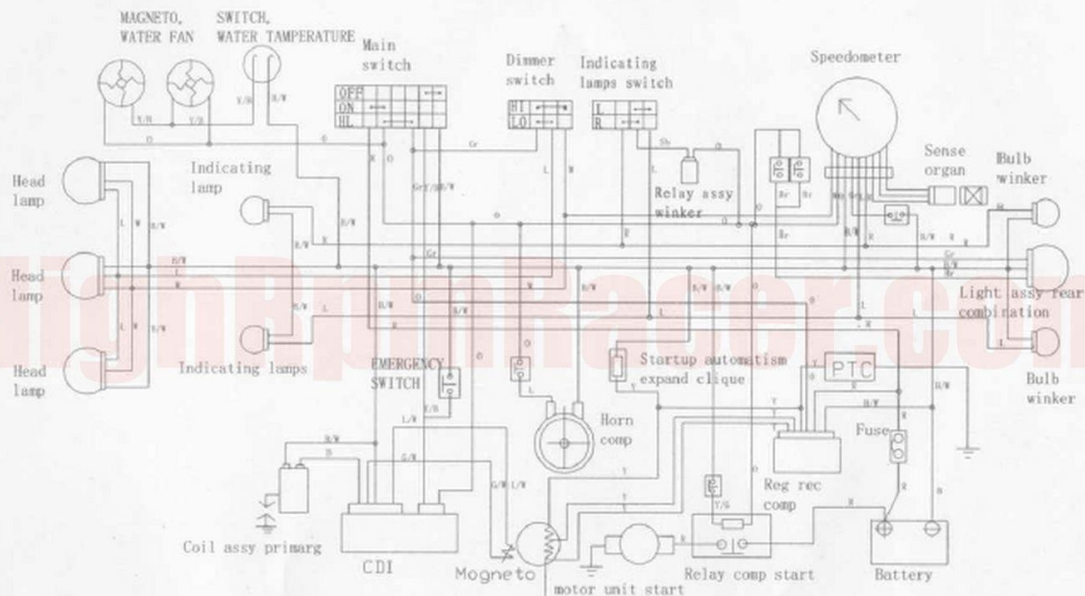




ELECTRIC DIAGRAM

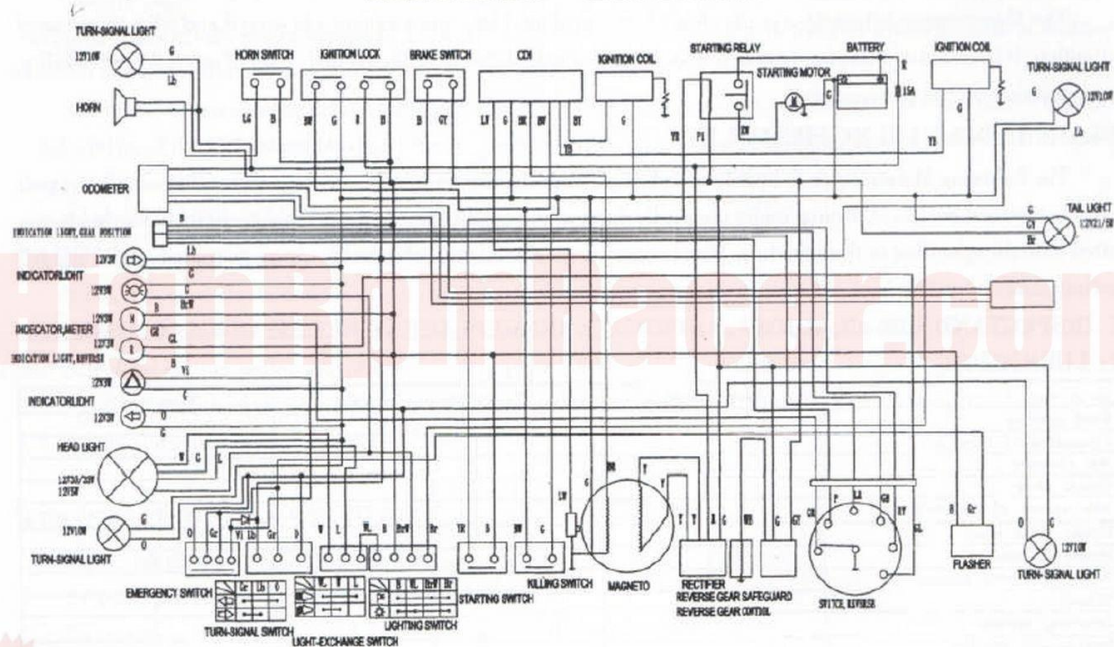


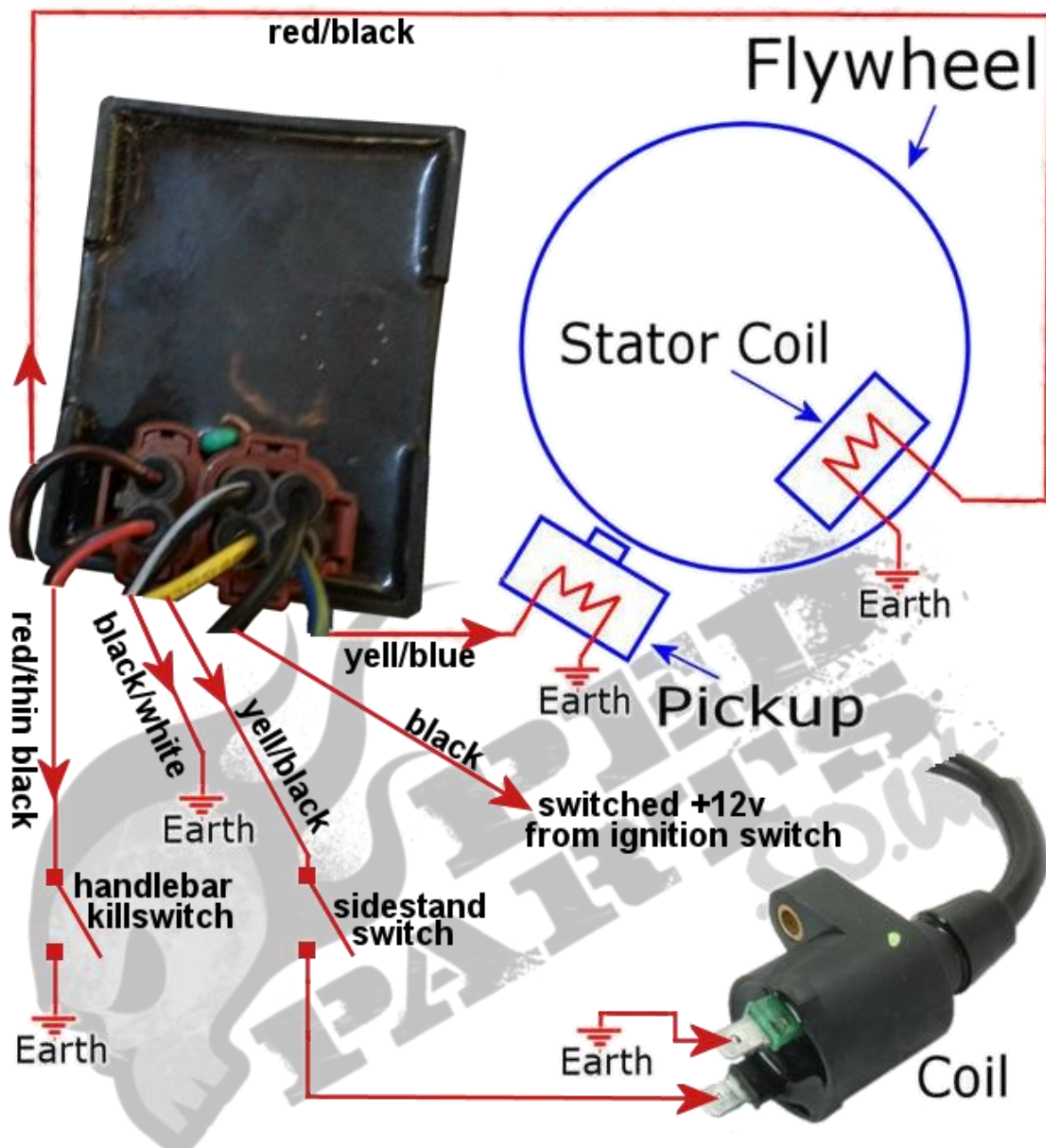
250ATV-2B Electric Diagram



R-RED B-BLACK G-GREEN O-ORANGE B/W-BLACK/WHITE L-BLUE Y/B-YELLOW/BLACK L/W-BLUE/WHITE
 Sb-shallow blue G/W-GREEN/WHITE Br-BROWN Y/B-YELLOW/BLACK Gr-GREY W-WHITE Y/G-YELLOW/GREEN

ELECTRIC DIAGRAM





1 KILL SWITCH, 6 STATOR, 5 GROUND, 4 GROUND, 3 COIL, 2 GENERATOR PULSE

2 

3 

1 

4 

5 

6 

1 BLACK/WHITE

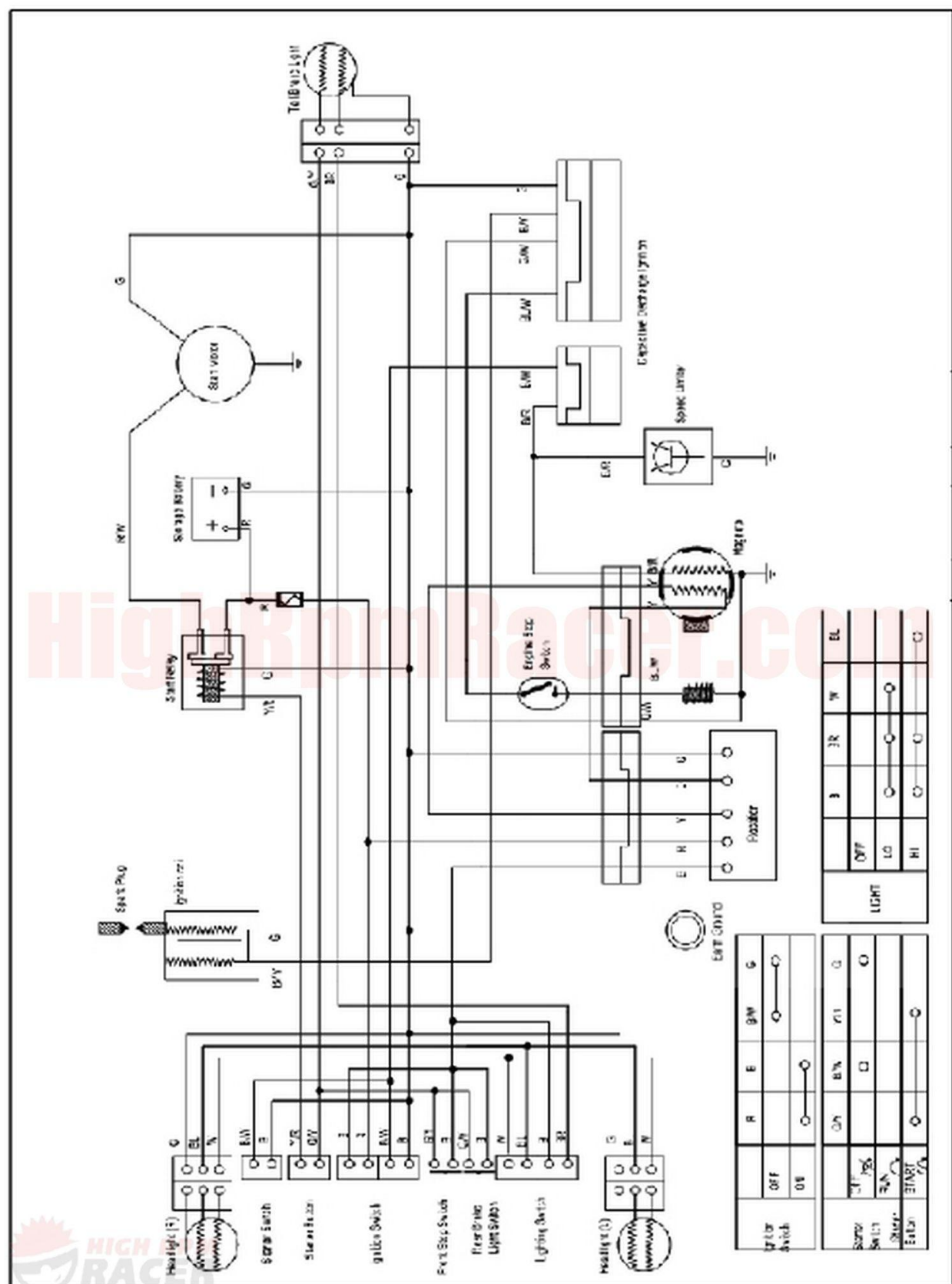
4 GREEN

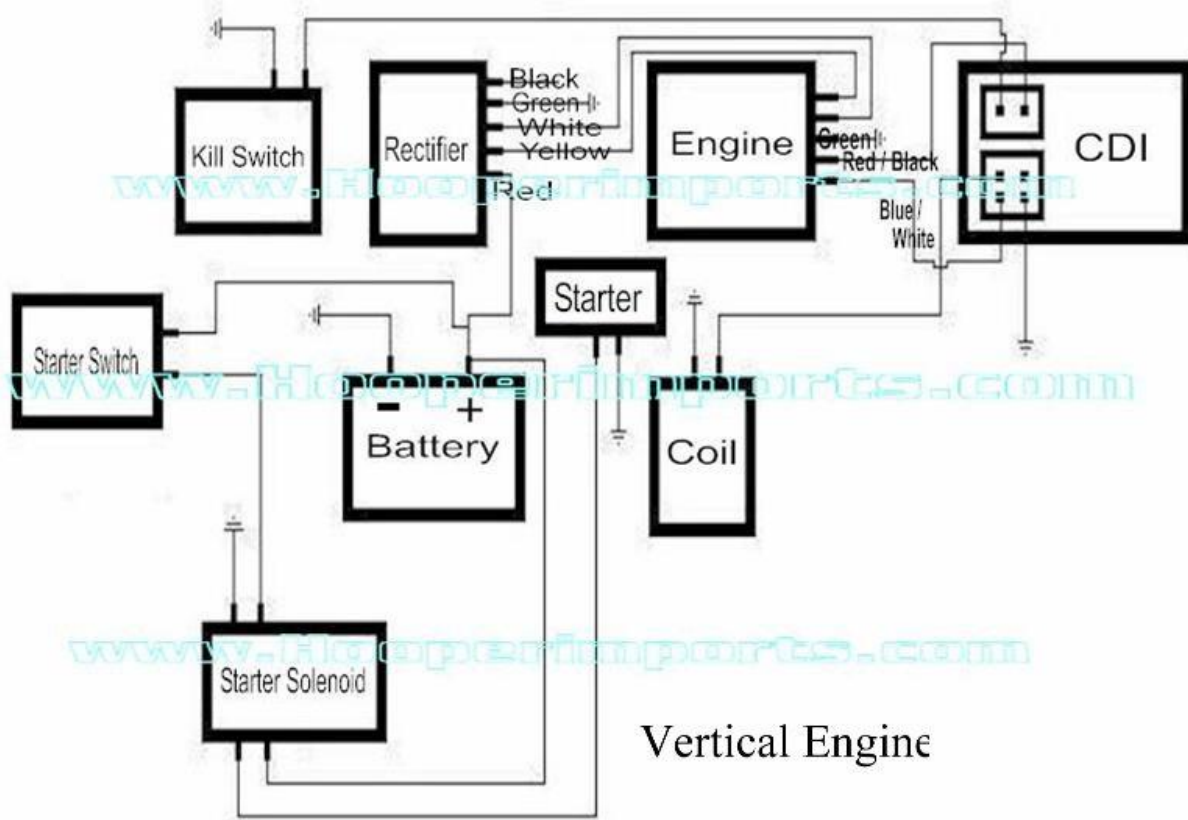
2 BLUE/YELLOW

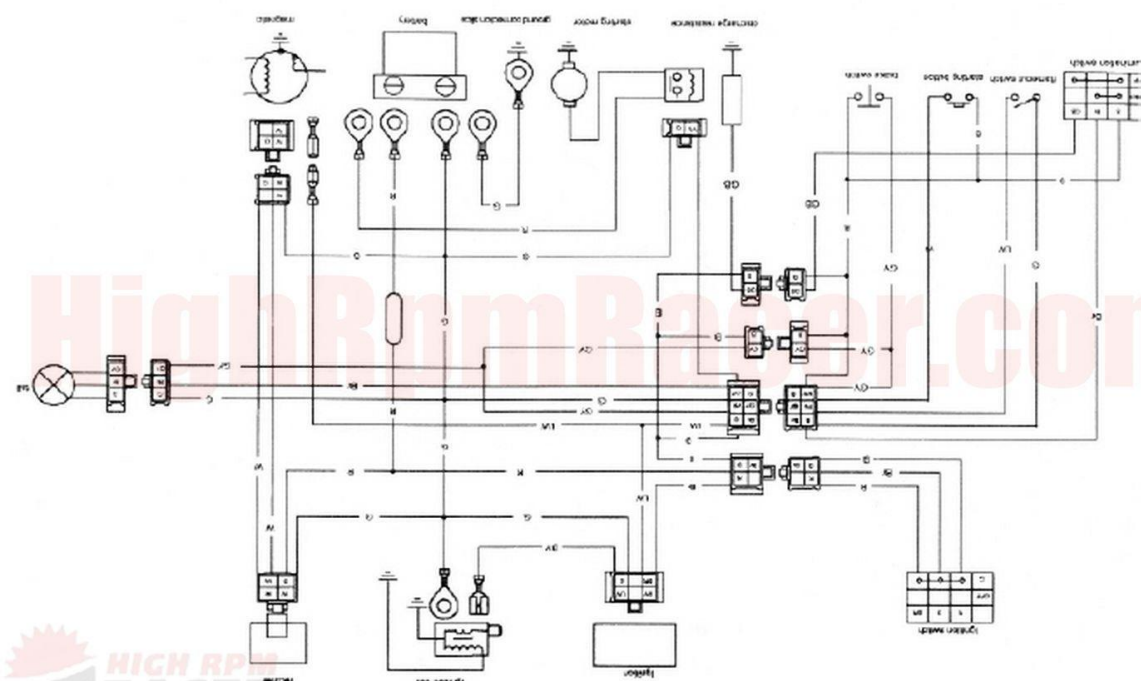
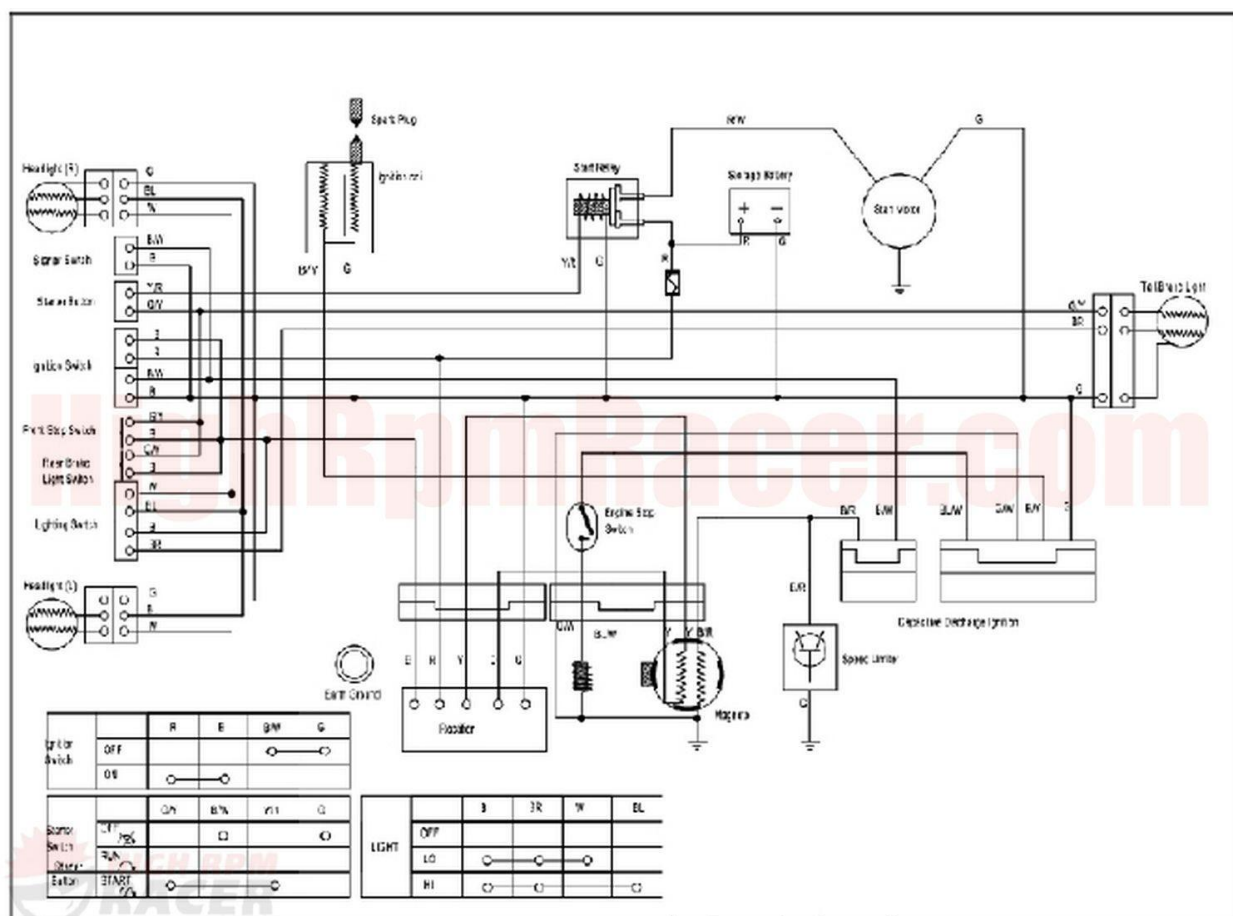
5 GREEN/WHITE

3 BLACK/YELLOW

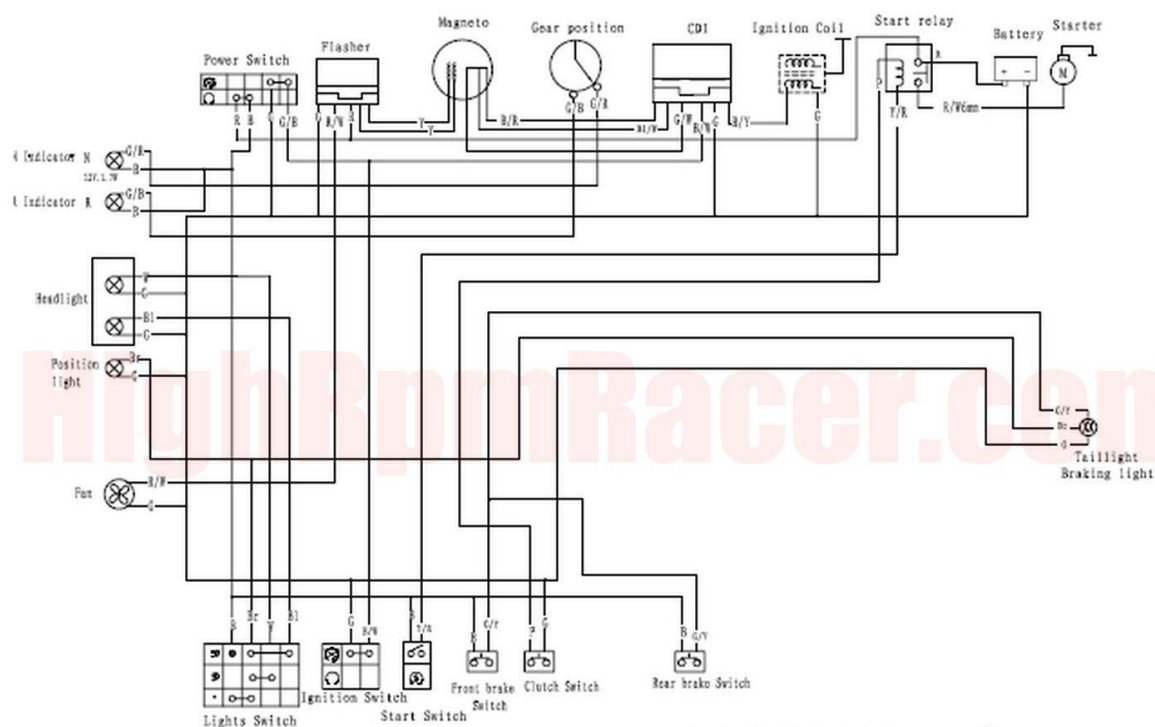
6 BLACK/RED



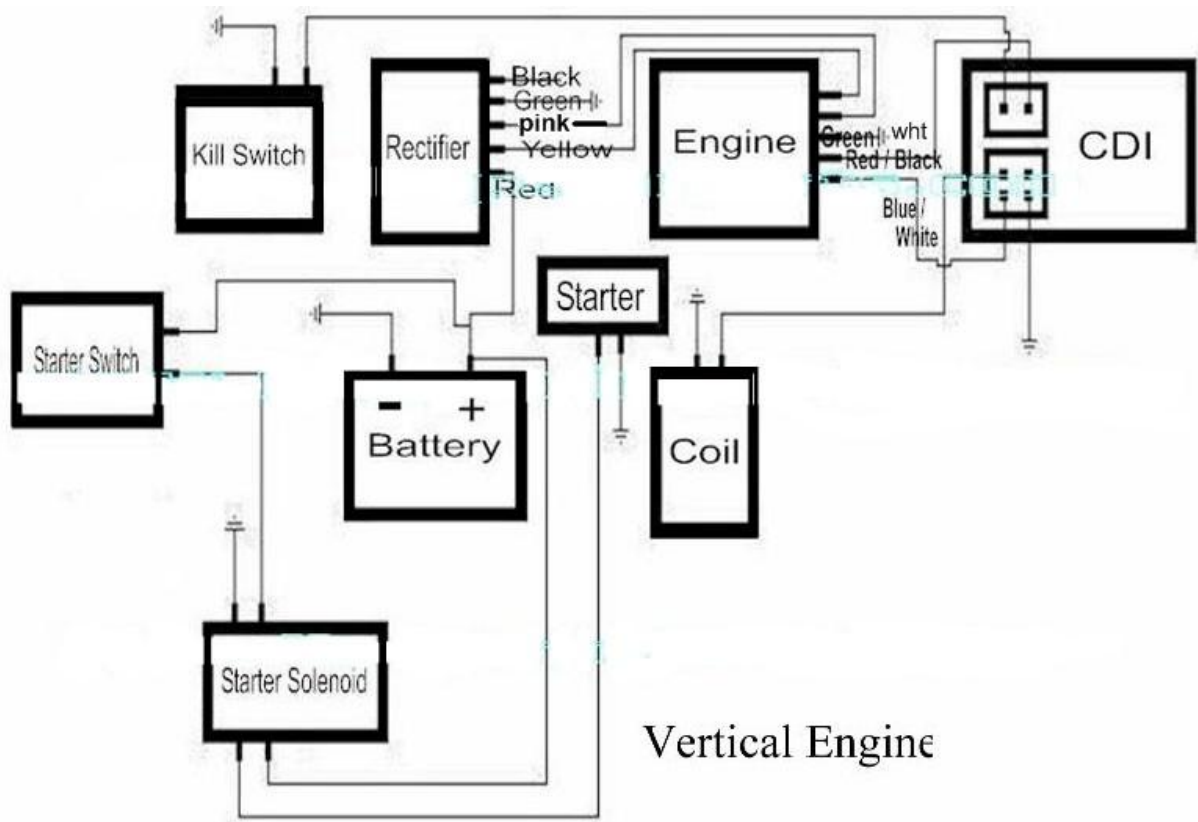




BAJA 150 CIRCUIT DIAGRAM

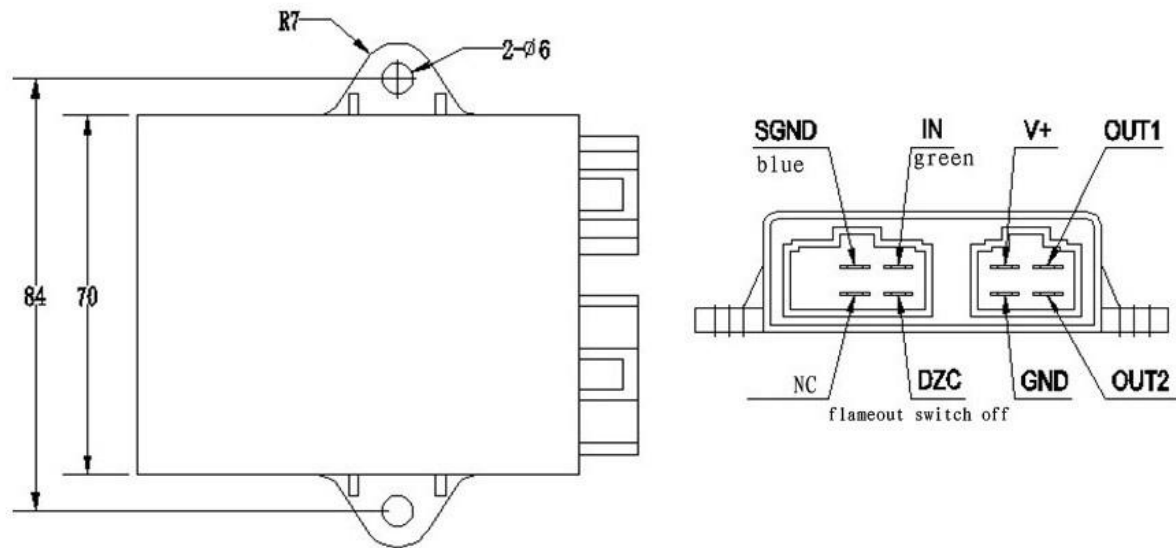


BA250 Wire diagram

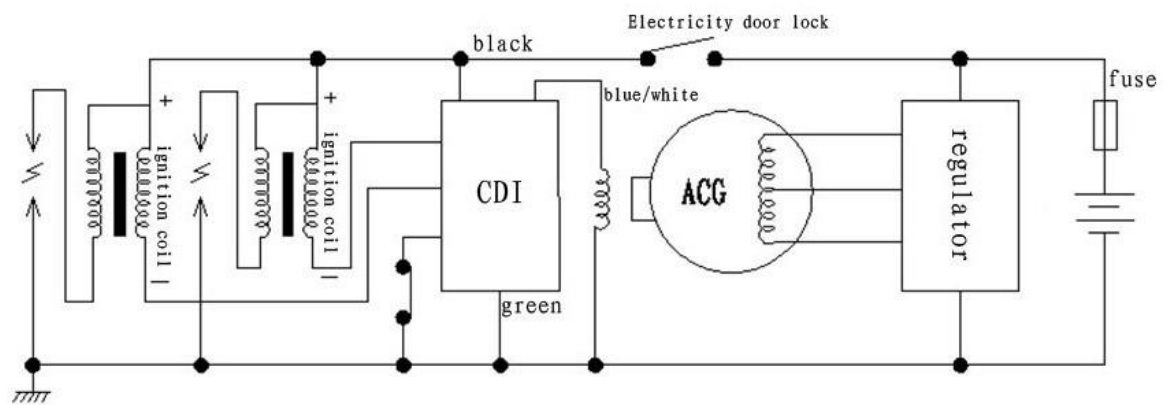


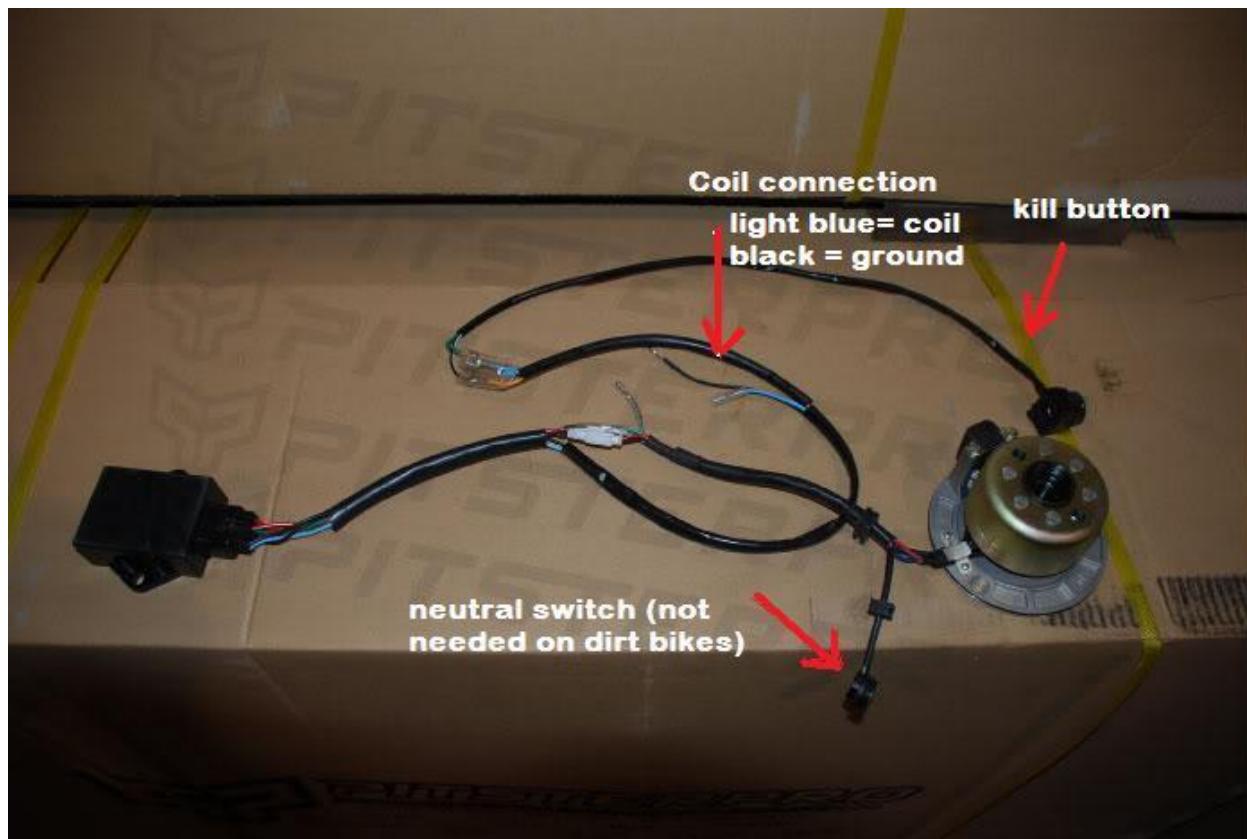
Vertical Engine

Size and interface diagram

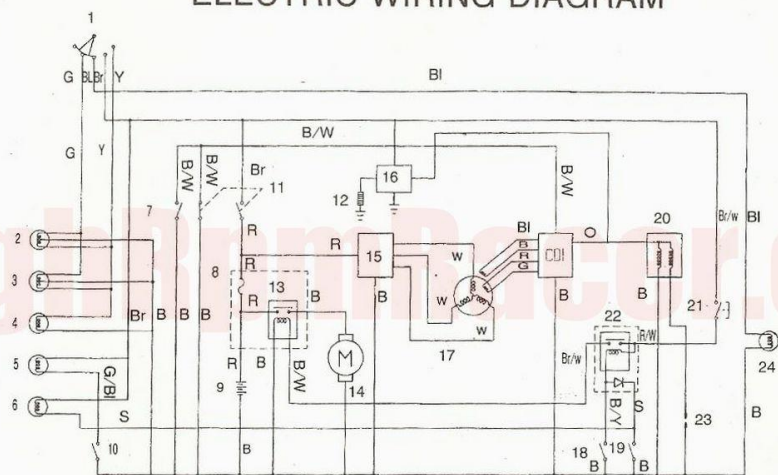


Wiring diagram

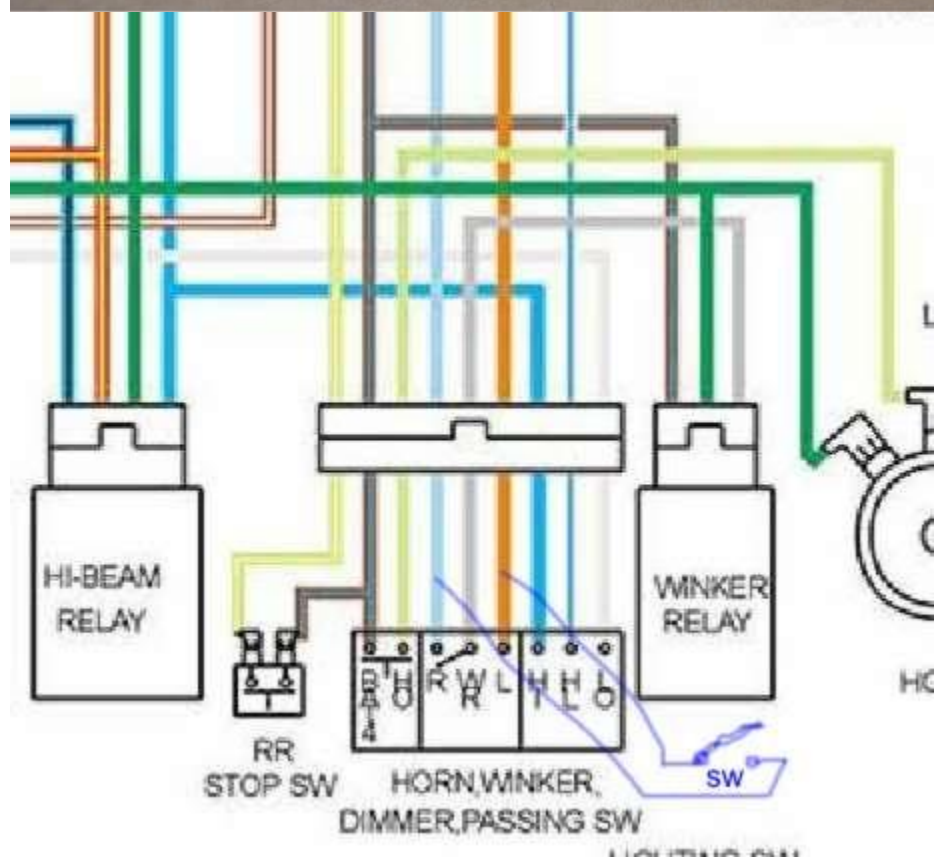
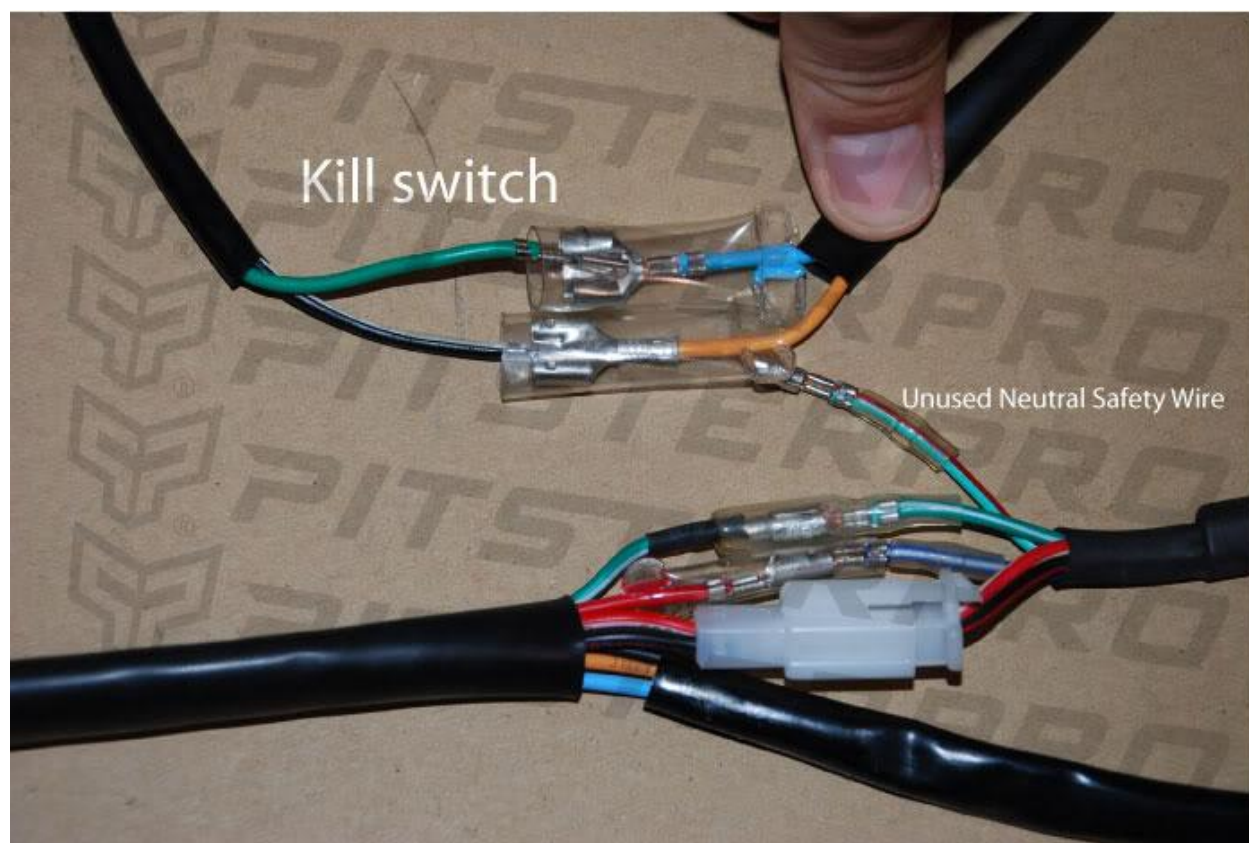




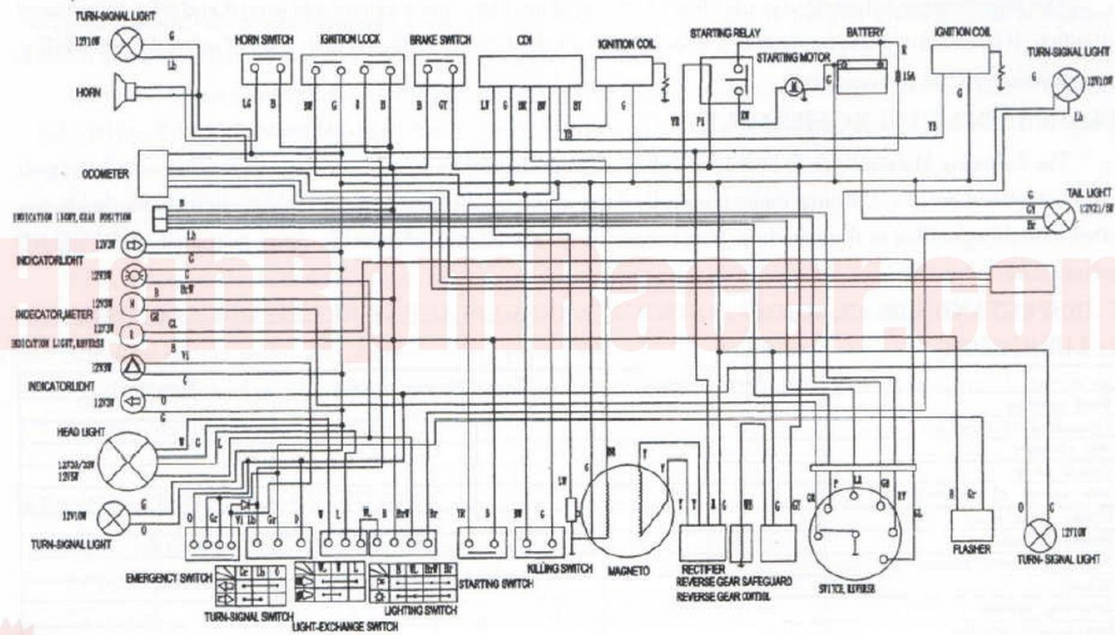
ELECTRIC WIRING DIAGRAM

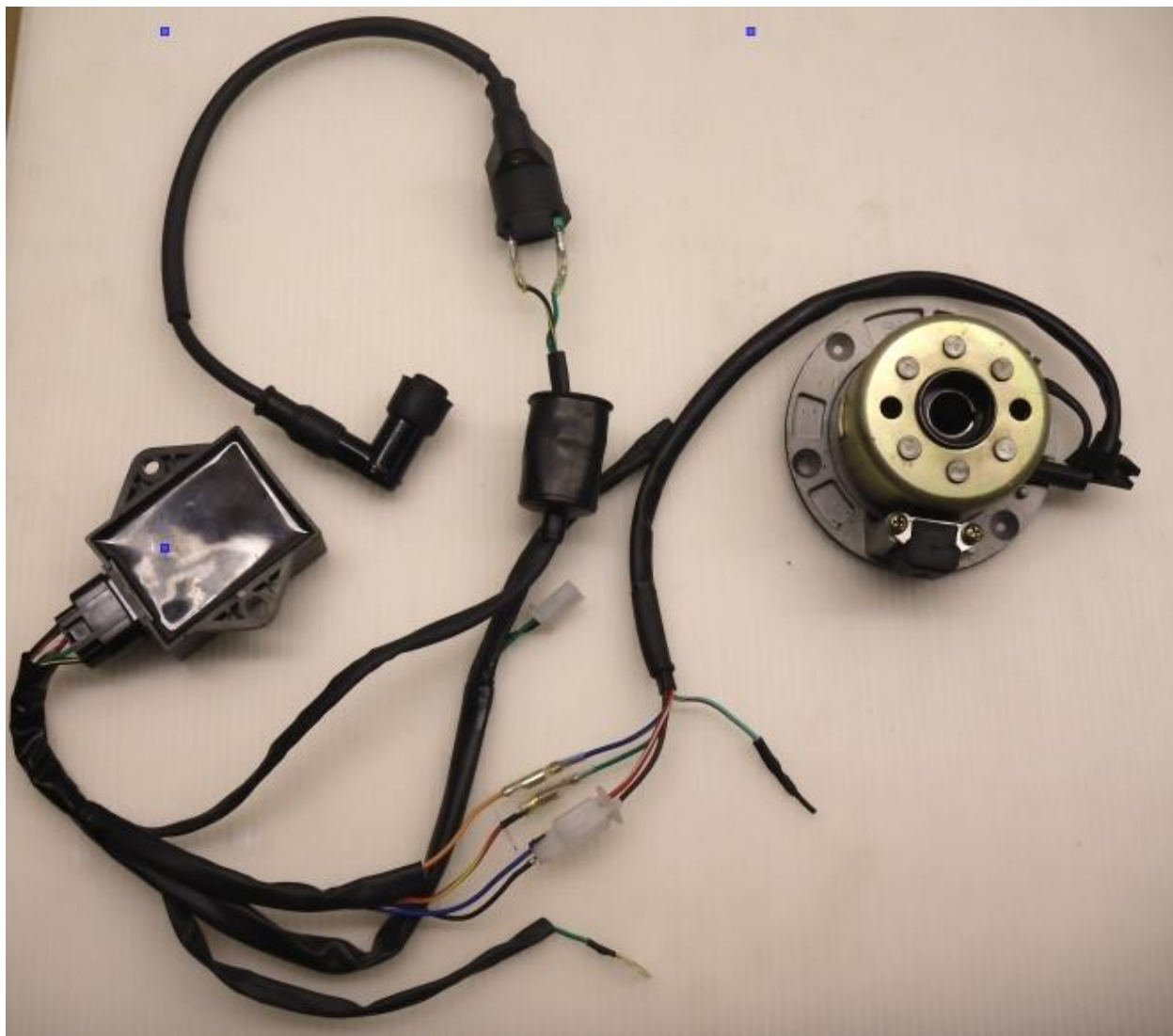


- | | | | | |
|----------|-----------------|---------------------------|----------------------------|-------------------|
| G-Green | S-Sky blue | 5-Reverse indicator light | 12-Automatic air choke | 19-Neutral switch |
| B-Black | O-Orange | 6-Neutral indicator light | 13-Start relay | 20-Ignition coil |
| Bl-Blue | 1-Light switch | 7-Engine stop switch | 14-Start motor | 21-Start switch |
| Br-Brown | 2-Headlight | 8-Fuse | 15-Rectification regulator | 22-Cut off relay |
| Y-Yellow | 3-Headlight | 9-Battery | 16-Controller | 23-Spark plug |
| W-White | 4-Highbeam | 10-Reverse switch | 17-Magnetor | 24-Taillight |
| R-Red | Indicator light | 11-Main switch lock | 18-Rear brake switch | |



ELECTRIC DIAGRAM





ZS and Lifan 150

