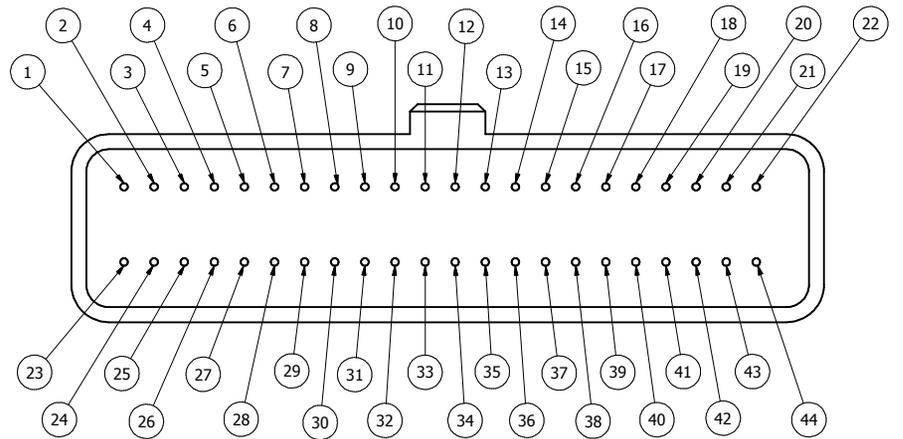


Pin No.	Wire Color	Connected Components
1	Black/Orange	Rear Cylinder (Cyl. #1) Coil
2	Black/White	Front Cylinder (Cyl. #2) Coil
3	Black	Ground
4	Light Green	Decompression Solenoid
5	Gray	Rear Cylinder (Cyl #1) Injector
6	Green	Front Cylinder (Cyl #2) Injector
7	Blue/Black	Ignition Switch
8	Red/White	Starter Relay, Engine Stop Switch, Ignition Fuse
9	-	
10	Blue	12V Power Supply (Speed Sensor, Throttle Position Sensor, Intake Air Pressure (Cyl #1, #2 and Atm.), Cylinder ID Sensor, Lean Angle Sensor)
11	-	
12	White/Black	Cylinder ID Sensor Signal
13	Black/Red	Battery Ground
14	Brown/White	Atmospheric Air Pressure Sensor Signal
15	Pink Yellow	Intake Air Pressure Sensor (Cyl #2)
16	Pink/White	Intake Air Pressure Sensor (Cyl.#1)
17	Pink	Intake Air Temp Sensor Signal
18	White/Yellow	Speed Sensor Signal/Turn Signal Cancel (Flasher Unit Cancels Signal)
19	Yellow	Throttle Position Sensor Signal
20	-	
21	Red/Green	Linear Control Valve
22	White/Green	Linear Control Valve
23	Black/Green	Starter Push Button Switch
24	Black/Yellow	Clutch Switch, Start Circuit Relay
25	Black	Ground
26	Blue/White	Starter Solenoid, Start Circuit Relay
27	Yellow/Red	ECU Adjust/Diagnostic Mode
28	Red/Blue	Fuel Pump, Fuel Injection Relay
29	Yellow/Red	ECU Adjust/Diagnostic Mode
30	Gray	Crank Position Sensor
31	White	Oil Temperature Sensor
32	Blue/Red	Fuel Injection System Relay
33	Yellow/Black	Headlight Relay
34	Black/Blue	Digital Ground (Crank Position Sensor, Throttle Position Sensor, Intake Air Pressure (Cyl. #1 & #2), Atm. Air Pressure, Cylinder ID Sensor, Lean Angle Sensor, Decompression Solenoid)
35	-	
36	Brown	Engine Temperature Sensor
37	Red/Black	Linear Control Valve
38	Yellow/Blue	Tachometer
39	Red/White	Starter Relay, Engine Stop, Ignition Fuse
40	-	
41	Yellow/Green	Lean Angle Cutoff Switch
42	Green/Red	Decompression Solenoid
43	Pink/Blue	Linear Control Valve
44	Brown/Blue	Linear Control Valve



DRAWN BY: stowawarrior		DATE: 6/26/2009	TITLE ELECTRICAL CONTROL UNIT PINOUT	
MAKE: YAMAHA		SIZE: C	PART NO: 5PX-8591A-01-00	REV
MODEL: ROADSTAR WARRIOR		SCALE: N.T.S.		
ENGINE: 1670cc V2 EFI		SHEET 1 OF 1		