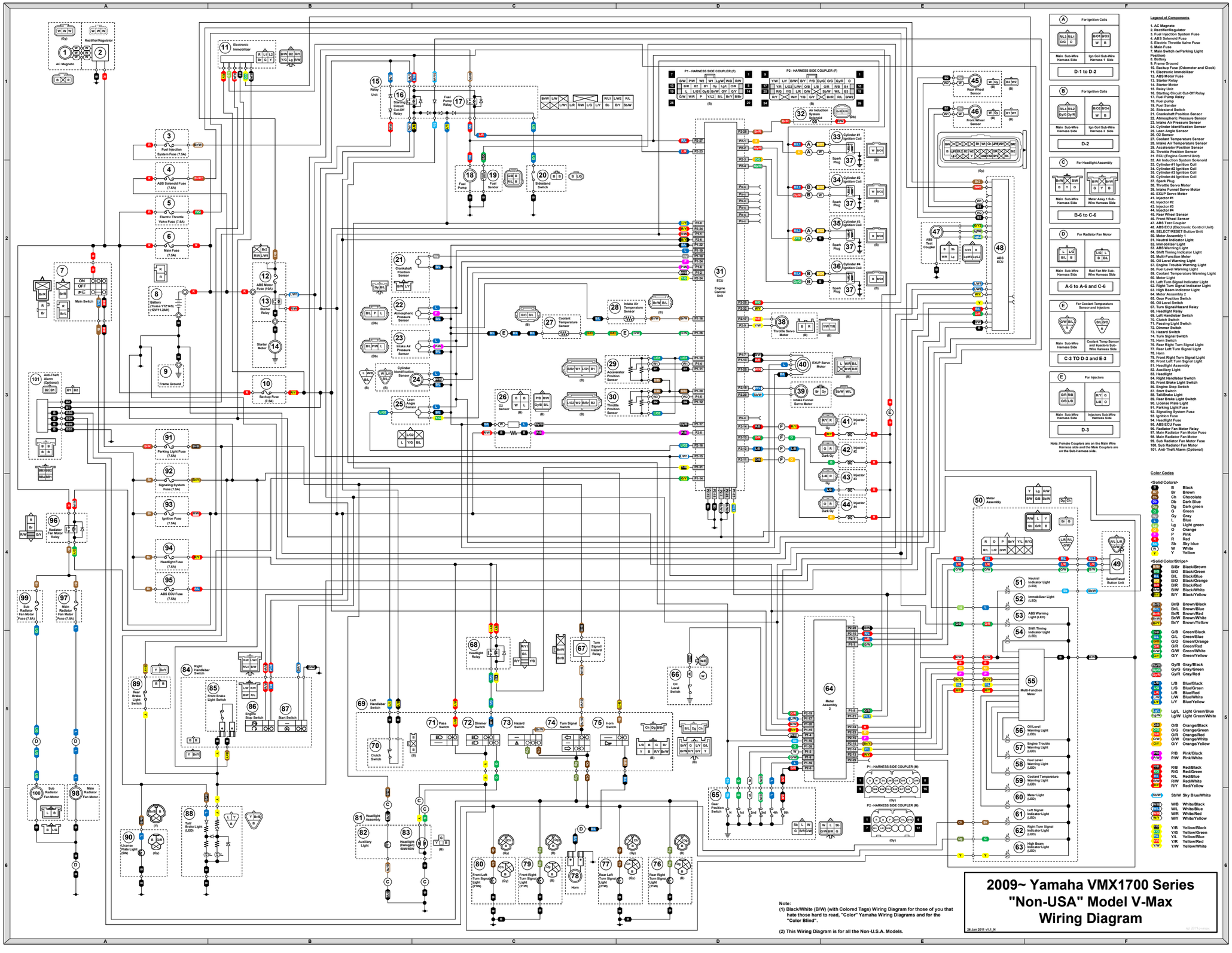
A
B
C
D
E
F
1
2
3
4
5
6
1 AC Magneto
2 Rectifier/Regulator
3 Fuel Injection System Fuse (7.5A)
4 ABS Solenoid Fuse (7.5A)
5 Electric Throttle Valve Fuse (7.5A)
6 Main Fuse (7.5A)
7 Main Switch
8 Battery (Yuasa YTZ14S) (12V11.2AH)
9 Frame Ground
10 Backup Fuse (7.5A)
11 Electronic Immobilizer
12 ABS Motor Fuse (15A)
13 Starter Relay
14 Starter Motor
15 Relay Unit
16 Starting Circuit Cut-Off Relay
17 Fuel Pump Relay
18 Fuel Pump
19 Fuel Sender
20 Sidestand Switch
21 Crankshaft Position Sensor
22 Atmospheric Pressure Sensor
23 Intake Air Pressure Sensor
24 Cylinder Identification Sensor
25 Lean Angle Sensor
26 O2 Sensor
27 Coolant Temperature Sensor
28 Intake Air Temperature Sensor
29 Accelerator Position Sensor
30 Throttle Position Sensor
31 ECU Engine Control Unit
32 Air Induction System Solenoid
33 Cylinder #1 Ignition Coil
34 Cylinder #2 Ignition Coil
35 Cylinder #3 Ignition Coil
36 Cylinder #4 Ignition Coil
37 Spark Plug
38 Throttle Servo Motor
39 Intake Funnel Servo Motor
40 EXUP Servo Motor
41 Injector #1
42 Injector #2
43 Injector #3
44 Injector #4
45 Rear Wheel Sensor
46 Front Wheel Sensor
47 ABS Test Coupler
48 ABS ECU
49 Select/Reset Button Unit
50 Meter Assembly
51 Neutral Indicator Light (LED)
52 Immobilizer Light (LED)
53 ABS Warning Light (LED)
54 Shift Timing Indicator Light (LED)
55 Multi-Function Meter
56 Oil Level Warning Light (LED)
57 Engine Trouble Warning Light (LED)
58 Fuel Level Warning Light (LED)
59 Coolant Temperature Warning Light (LED)
60 Meter Light (LED)
61 Left Signal Indicator Light (LED)
62 Right Turn Signal Indicator Light (LED)
63 High Beam Indicator Light (LED)
64 Meter Assembly 2
65 Gear Position Switch
66 Oil Level Switch
67 Turn Signal / Hazard Relay
68 Headlight Relay
69 Left Handlebar Switch
70 Clutch Switch
71 Pass Switch
72 Dimmer Switch
73 Hazard Switch
74 Turn Signal Switch
75 Horn Switch
76 Rear Right Turn Signal Light (21W)
77 Rear Left Turn Signal Light (21W)
78 Horn
79 Front Right Turn Signal Light (21W)
80 Front Left Turn Signal Light (21W)
81 Headlight Assembly
82 Auxiliary Light
83 Headlight (Halogen) 60W/55W
84 Right Handlebar Switch
85 Front Brake Light Switch
86 Engine Stop Switch
87 Start Switch
88 Tail/ Brake Light (LED)
89 Rear Brake Light Switch
90 License Plate Light (5W)
91 Parking Light Fuse (7.5A)
92 Signaling System Fuse (7.5A)
93 Ignition Fuse (7.5A)
94 Headlight Fuse (7.5A)
95 ABS ECU Fuse (7.5A)
96 Radiator Fan Motor Relay
97 Main Radiator Fan Motor (7.5A)
98 Main Radiator Fan Motor
99 Sub Radiator Fan Motor Fuse (7.5A)
100 Sub Radiator Fan Motor
101 Anti-Theft Alarm (Optional)
P1 - HARNESS SIDE COUPLER (F)
P2 - HARNESS SIDE COUPLER (F)
P1 - HARNESS SIDE COUPLER (M)
P2 - HARNESS SIDE COUPLER (M)
(A) For Ignition Coils
Main Sub-Wire Harness Side
Ign Coil Sub-Wire Harness 1 Side
D-1 to D-2
(B) For Ignition Coils
Main Sub-Wire Harness Side
Ign Coil Sub-Wire Harness 2 Side
D-2
(C) For Headlight Assembly
Main Sub-Wire Harness Side
Meter Assy 1 Sub-Wire Harness Side
B-6 to C-6
(D) For Radiator Fan Motor
Main Sub-Wire Harness Side
Rad Fan Mtr Sub-Wire Harness Side
A-5 to A-6 and C-6
(E) For Coolant Temperature Sensor and Injectors
Main Sub-Wire Harness Side
Coolant Temp Sensor and Injectors Sub-Wire Harness Side
C-3 TO D-3 and E-3
(E) For Injectors
Main Sub-Wire Harness Side
Injectors Sub-Wire Harness Side
D-3
Note: Female Couplers are on the Main Wire Harness side and the Male Couplers are on the Sub-Harness side.
Legend of Components
Color Codes
<Solid Colors>
B Black
Br Brown
Ch Chocolate
Dbl Dark Blue
Dg Dark green
G Green
Gy Gray
L Blue
Lg Light green
O Orange
P Pink
R Red
Sb Sky blue
W White
Y Yellow
<Solid Color/Stripe>
B/Br Black/Brown
B/G Black/Green
B/L Black/Blue
B/O Black/Orange
B/R Black/Red
B/W Black/White
B/Y Black/Yellow
Br/B Brown/Black
Br/L Brown/Blue
Br/R Brown/Red
Br/W Brown/White
Br/Y Brown/Yellow
G/B Green/Black
G/L Green/Blue
G/O Green/Orange
G/R Green/Red
G/W Green/White
G/Y Green/Yellow
Gy/B Gray/Black
Gy/G Gray/Green
Gy/R Gray/Red
L/B Blue/Black
L/G Blue/Green
L/R Blue/Red
L/W Blue/White
L/Y Blue/Yellow
Lg/L Light Green/Blue
Lg/W Light Green/White
O/B Orange/Black
O/G Orange/Green
O/R Orange/Red
O/W Orange/White
O/Y Orange/Yellow
P/B Pink/Black
P/W Pink/White
R/B Red/Black
R/G Red/Green
R/L Red/Blue
R/W Red/White
R/Y Red/Yellow
Sb/W Sky Blue/White
W/B White/Black
W/L White/Blue
W/R White/Red
W/Y White/Yellow
Y/B Yellow/Black
Y/G Yellow/Green
Y/L Yellow/Blue
Y/R Yellow/Red
Y/W Yellow/White
Note:
(1) Black/White (B/W) (with Colored Tags) Wiring Diagram for those of you that hate those hard to read, "Color" Yamaha Wiring Diagrams and for the "Color Blind".
(2) This Wiring Diagram is for all the Non-U.S.A. Models.
2009~ Yamaha VMX1700 Series
"Non-USA" Model V-Max
Wiring Diagram
26 Jan 2011 v1.1_N