

WIRING DIAGRAM**FZ09E/FZ09EC 2014**

1. AC magneto
2. Rectifier/regulator
3. Main switch
4. Main fuse
5. Electric throttle valve fuse
6. Backup fuse
7. Radiator fan fuse
8. Parking lighting fuse
9. Ignition fuse
10. Signal fuse
11. Headlight fuse
12. Auxiliary DC outlet fuse
13. Battery
14. Engine ground
15. Fuel injection system fuse
16. Starter relay
17. Starter motor
18. Joint connector
19. Joint coupler
20. Relay unit
21. Starting circuit cut-off relay
22. Fuel pump relay
23. ECU (engine control unit)
24. Ignition coil #1
25. Ignition coil #2
26. Ignition coil #3
27. Spark plug
28. Injector #1
29. Injector #2
30. Injector #3
31. Air induction system solenoid
32. O₂ sensor
33. Crankshaft position sensor
34. Intake air temperature sensor
35. Coolant temperature sensor
36. Intake air pressure sensor 1
37. Intake air pressure sensor 2
38. Lean angle sensor
39. Speed sensor
40. Throttle servo motor
41. Accelerator position sensor
42. Throttle position sensor
43. Yamaha diagnostic tool connector
44. Yamaha diagnostic tool coupler
45. Meter assembly
46. Neutral indicator light
47. Meter light
48. Tachometer
49. Multi-function meter
50. Oil level warning light
51. Fuel level indicator light
52. Engine trouble warning light
53. Coolant temperature warning light
54. High beam indicator light

55. Left turn signal indicator light
56. Right turn signal indicator light
57. Oil level switch
58. Gear position sensor
59. Fuel sender
60. Fuel pump
61. Sidestand switch
62. Right handlebar switch
63. Drive mode switch
64. Start/engine stop switch
65. Hazard switch
66. Front brake light switch
67. Rear brake light switch
68. Turn signal/hazard relay
69. Left handlebar switch
70. Clutch switch
71. Horn
72. Horn switch
73. Turn signal switch
74. Pass switch
75. Dimmer switch
76. Rear right turn signal light
77. Rear left turn signal light
78. Front right turn signal/position light
79. Front left turn signal/position light
80. Headlight
81. Auxiliary light
82. License plate light
83. Tail/brake light
84. Headlight relay
85. Radiator fan motor relay
86. Radiator fan motor
87. Auxiliary DC jack

COLOR CODE

B	Black
Br	Brown
Ch	Chocolate
Dg	Dark green
G	Green
Gy	Gray
L	Blue
Lg	Light green
O	Orange
P	Pink
R	Red
Sb	Sky blue
V	Violet
W	White
Y	Yellow
B/L	Black/Blue
B/R	Black/Red
B/W	Black/White
B/Y	Black/Yellow
Br/L	Brown/Blue
Br/R	Brown/Red
Br/W	Brown/White
Br/Y	Brown/Yellow
G/B	Green/Black
G/W	Green/White
G/Y	Green/Yellow
Gy/G	Gray/Green
Gy/R	Gray/Red
L/B	Blue/Black
L/R	Blue/Red
L/W	Blue/White
L/Y	Blue/Yellow
Lg/L	Light green/Blue
Lg/W	Light green/White
O/G	Orange/Green
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/G	White/Green
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