WIRING DIAGRAM

YZFR6X(C)

1. AC magneto
2. Rectifier/regulator
3. Main switch
4. Ignition fuse
5. Backup fuse (odometer, clock and immobilizer system)
6. Main fuse
7. Battery
8. Starter relay
9. Fuel injection system fuse
10. Starter motor
11. Engine ground
12. ETV fuse
13. Relay unit
14. Starting circuit cut-off relay
15. Fuel pump relay
16. Neutral switch
17. Sidestand switch
18. Fuel pump
19. Fuel sender
20. Throttle position sensor (for throttle cable pulley)
21. Throttle position sensor (for throttle valves)
22. ECU (engine control unit)
23. Spark plug
24. Cylinder-#1 ignition coil
25. Cylinder-#2 ignition coil
26. Cylinder-#3 ignition coil
27. Cylinder-#4 ignition coil
28. Primary injector #1
29. Primary injector #2
30. Primary injector #3
31. Primary injector #4
32. Secondary injector #1
33. Secondary injector #2
34. Secondary injector #3
35. Secondary injector #4
36. Air induction system solenoid
37. Throttle servo motor
38. EXUP servo motor
39. O₂ sensor
40. Crankshaft position sensor
41. Air temperature sensor
42. Coolant temperature sensor
43. Intake air pressure sensor
44. Atmospheric pressure sensor
45. Cylinder identification sensor
46. Speed sensor
47. Lean angle sensor
48. Meter assembly
49. Fuel level warning light
50. Oil level warning light
51. Neutral indicator light
52. Tachometer
53. Shift timing indicator light
54. Multi-function meter
55. Engine trouble warning light
56. Coolant temperature warning light
57. High beam indicator light
58. Left turn signal indicator light
59. Right turn signal indicator light
60. Meter light
61. Oil level switch
62. Right handlebar switch
63. Front brake light switch
64. Engine stop switch
65. Start switch
66. Turn signal relay
67. Left handlebar switch
68. Dimmer switch
69. Horn switch
70. Clutch switch
71. Turn signal switch
72. Horn
73. Rear right turn signal light
74. Rear left turn signal light
75. Front right turn signal/position light
76. Front left turn signal/position light
77. Headlight (low beam)
78. Headlight (high beam)
79. License plate light
80. Rear brake light switch
81. Tail/brake light
82. Headlight relay (on/off)
83. Headlight relay (dimmer)
84. Signaling system fuse
85. Headlight fuse
86. Radiator fan motor relay
87. Right radiator fan motor fuse
88. Left radiator fan motor fuse
89. Right radiator fan motor
90. Left radiator fan motor
91. Intake funnel servo motor

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
W  White
Y  Yellow
B/G  Black/Green
B/L  Black/Blue