

WIRING DIAGRAM**XTZ12E/XTZ12EC 2014**

1. AC magneto
2. Rectifier/regulator
3. Main switch
4. Accessory light fuse (OPTION)
5. ABS ECU fuse
6. Signaling system fuse
7. Ignition fuse
8. Auxiliary DC jack fuse
9. Hazard lighting fuse
10. Main fuse
11. Battery
12. ABS motor fuse
13. Starter relay
14. Engine ground
15. Starter motor
16. Headlight fuse
17. ABS solenoid fuse
18. Electric throttle valve fuse
19. Fuel injection system fuse
20. Backup fuse
21. Radiator fan motor fuse
22. Brake light fuse
23. Cruise control system fuse
24. Rear brake light switch
25. Front brake light switch
26. Clutch switch
27. Relay unit
28. Starting circuit cut-off relay
29. Fuel pump relay
30. Neutral switch
31. Fuel pump
32. Fuel sender
33. Sidestand switch
34. Joint coupler
35. O₂ sensor #2
36. O₂ sensor #1
37. Throttle position sensor
38. Accelerator position sensor
39. Crankshaft position sensor
40. Intake air temperature sensor
41. Coolant temperature sensor
42. Intake air pressure sensor
43. Yamaha diagnostic tool coupler
44. Lean angle sensor
45. ECU
46. Cylinder-#1 ignition coil (left)
47. Cylinder-#1 ignition coil (right)
48. Cylinder-#2 ignition coil (left)
49. Cylinder-#2 ignition coil (right)
50. Spark plug
51. Injector #1
52. Injector #2
53. Throttle servo motor
54. Front wheel sensor
55. Rear wheel sensor
56. ABS ECU
57. ABS test coupler

58. Frame ground
59. Oil level switch
60. Meter assembly
61. Neutral indicator light
62. Meter light
63. Tachometer
64. Oil level warning light
65. Engine trouble warning light
66. Traction control system indicator/warning light
67. Turn signal indicator light (left)
68. Turn signal indicator light (right)
69. Cruise control system indicator light
70. Cruise control setting indicator light
71. ABS warning light
72. High beam indicator light
73. Multi-function meter
74. Handlebar switch (right)
75. D-Mode switch
76. Start/engine stop switch
77. Hazard switch
78. Handlebar switch (left)
79. Cruise control power switch
80. Cruise control setting switch
81. Dimmer/pass switch
82. Horn switch
83. Menu switch
84. Select switch
85. Turn signal switch
86. Horn
87. Rear turn signal light (right)
88. Rear turn signal light (left)
89. Front turn signal/position light (right)
90. Front turn signal/position light (left)
91. Headlight assembly
92. Auxiliary light
93. Headlight
94. Headlight relay
95. Accessory light (OPTION)
96. Grip cancel switch
97. Brake light relay
98. Auxiliary DC jack
99. License plate light
100. Tail/brake light assembly
101. Tail/brake light
102. Radiator fan motor relay
103. Radiator fan motor
- A. Wire harness
- B. Negative battery sub-wire harness
- C. Neutral switch sub-lead
- D. Lean angle sensor sub-lead

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1. AC magneto
2. Rectifier/regulator
3. Main switch
4. Accessory light fuse (OPTION)
5. ABS ECU fuse
6. Signaling system fuse
7. Ignition fuse
8. Auxiliary DC jack fuse
9. Hazard lighting fuse
10. Main fuse
11. Battery
12. ABS motor fuse
13. Starter relay
14. Engine ground
15. Starter motor
16. Headlight fuse
17. ABS solenoid fuse
18. Electric throttle valve fuse
19. Fuel injection system fuse
20. Backup fuse
21. Radiator fan motor fuse
22. SCU fuse
23. Brake light fuse
24. Cruise control system fuse
25. Rear brake light switch
26. Front brake light switch
27. Clutch switch
28. Relay unit
29. Starting circuit cut-off relay
30. Fuel pump relay
31. Neutral switch
32. Fuel pump
33. Fuel sender
34. Sidestand switch
35. Joint coupler
36. O₂ sensor #2
37. O₂ sensor #1
38. Throttle position sensor
39. Accelerator position sensor
40. Crankshaft position sensor
41. Intake air temperature sensor
42. Coolant temperature sensor
43. Intake air pressure sensor
44. Yamaha diagnostic tool coupler
45. Lean angle sensor
46. ECU
47. Cylinder-#1 ignition coil (left)
48. Cylinder-#1 ignition coil (right)
49. Cylinder-#2 ignition coil (left)
50. Cylinder-#2 ignition coil (right)
51. Spark plug
52. Injector #1
53. Injector #2
54. Throttle servo motor
55. Grip warmer (left)
56. Grip warmer (right)
57. SCU relay
58. SCU
59. Front fork stepping motor (left)

60. Front fork stepping motor (right)
 61. Rear shock absorber assembly stepping motor
 62. Rear shock absorber assembly DC motor
 63. Front wheel sensor
 64. Rear wheel sensor
 65. ABS ECU
 66. ABS test coupler
 67. Frame ground
 68. Oil level switch
 69. Meter assembly
 70. Neutral indicator light
 71. Meter light
 72. Tachometer
 73. Oil level warning light
 74. Engine trouble warning light
 75. Traction control system indicator/warning light
 76. Turn signal indicator light (left)
 77. Turn signal indicator light (right)
 78. Cruise control system indicator light
 79. Cruise control setting indicator light
 80. Electronically adjustable suspension system warning light
 81. ABS warning light
 82. High beam indicator light
 83. Multi-function meter
 84. Handlebar switch (right)
 85. D-Mode switch
 86. Start/engine stop switch
 87. Hazard switch
 88. Handlebar switch (left)
 89. Cruise control power switch
 90. Cruise control setting switch
 91. Dimmer/pass switch
 92. Horn switch
 93. Menu switch
 94. Select switch
 95. Turn signal switch
 96. Horn
 97. Rear turn signal light (right)
 98. Rear turn signal light (left)
 99. Front turn signal/position light (right)
 100. Front turn signal/position light (left)
 101. Headlight assembly
 102. Auxiliary light
 103. Headlight
 104. Headlight relay
 105. Accessory light (OPTION)
 106. Grip cancel switch
 107. Brake light relay
 108. Auxiliary DC jack
 109. License plate light
 110. Tail/brake light assembly

111. Tail/brake light
 112. Radiator fan motor relay
 113. Radiator fan motor
 A. Wire harness
 B. Negative battery sub-wire harness
 C. Neutral switch sub-lead
 D. Lean angle sensor sub-lead
 E. Front fork stepping motor sub-lead
 F. Rear shock absorber assembly stepping motor/DC motor sub-lead

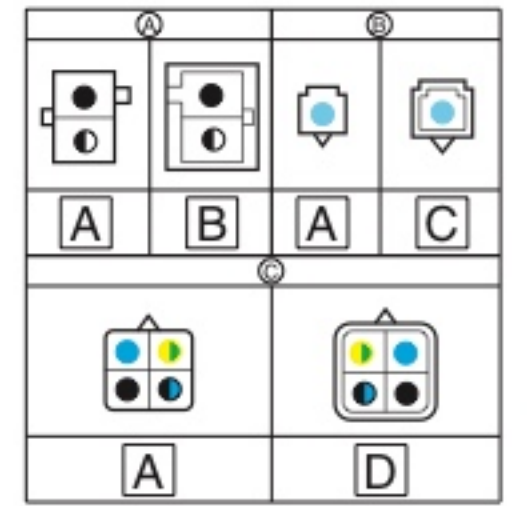
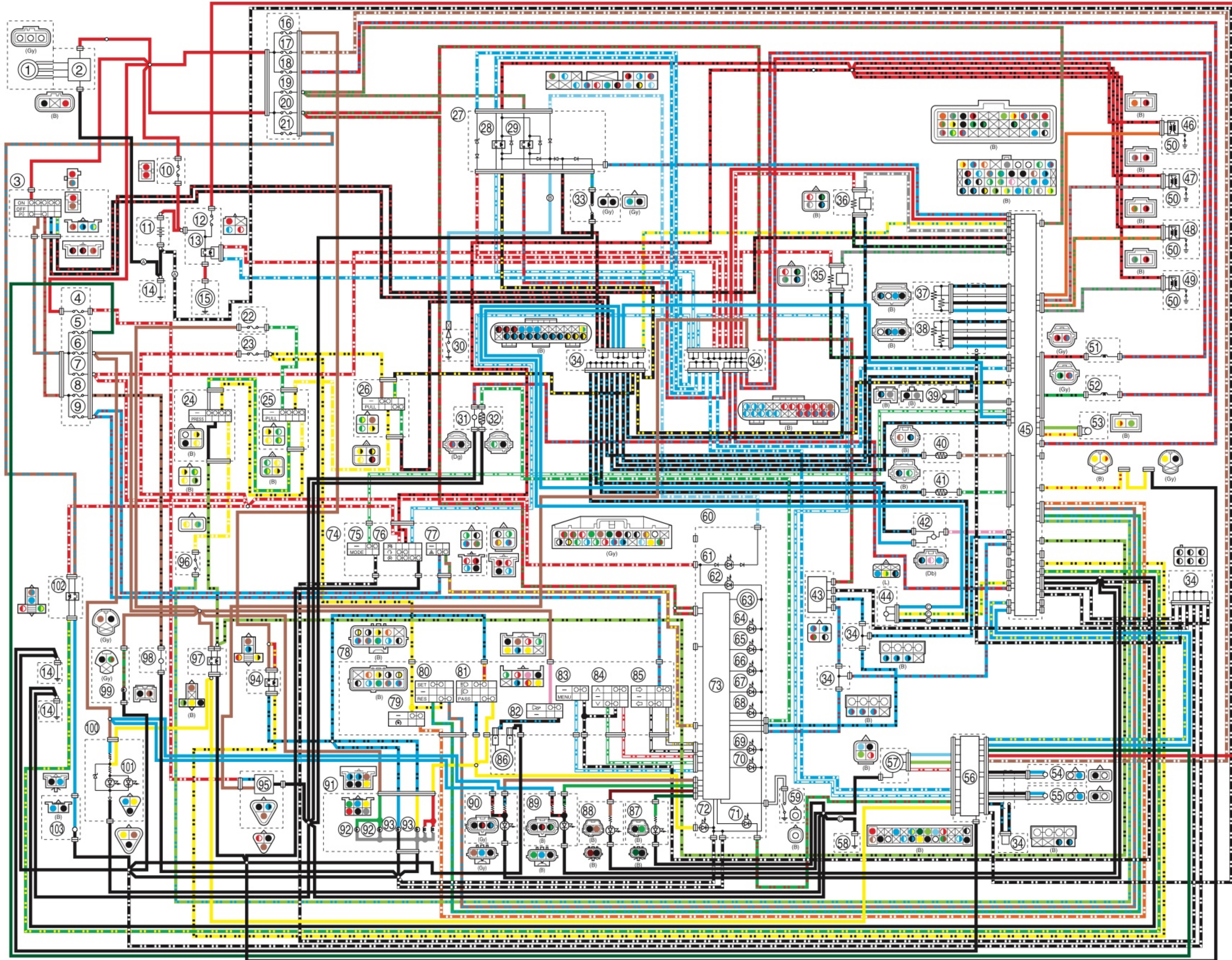
EAS30613

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
B/R	Black/Red
B/W	Black/White
B/Y	Black/Yellow
Br/B	Brown/Black
Br/G	Brown/Green
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/R	Green/Red
G/W	Green/White
G/Y	Green/Yellow
Gy/B	Gray/Black
Gy/G	Gray/Green
Gy/R	Gray/Red
Gy/W	Gray/White
L/B	Blue/Black
L/G	Blue/Green
L/R	Blue/Red
L/W	Blue/White
L/Y	Blue/Yellow
Lg/B	Light green/Black
Lg/L	Light green/Blue
Lg/R	Light green/Red
O/B	Orange/Black
O/G	Orange/Green
O/W	Orange/White
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

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WIRING DIAGRAM



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