

Yamaha Royal Star Venture 1999-2009 Simplified Circuit Diagram Sheet #1 of 1

Revision -B-
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Legend

All Ground wires are Black

All circuits shown with Key Off, Sidestand Down, Transmission in Neutral & other systems in a normal state.

Diode
Anode → Cathode
Current flow permitted in direction of arrow
Current flow is blocked in opposite direction

Relay
Operating Coil
Contacts

Switch Designations

Switch shown has Top contact Open and Bottom contact Closed, when lever is pulled, spring closes top contact & opens bottom contact. When lever is released it pushes contacts back to shown position

Wire Color Code
Br/W
Indicates Brown Wire with White Tracer
See chart for other designations

Wire Connectors
Soldered or at Plug Connector

Main Switch

	R	Br/B	Br/L	L/Y	L/B
On	●	●	●	●	●
Acc	●				
Off					
Lock					

Color Codes

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

