Yamaha Venture
1990 - 1993 XVZ13DA
Wiring Diagram
Sheet #1 of 1

Revision -C-
Gary Dinges
10/28/2009 2:23 PM

Left Handle Bar Switch Assembly
Dimmer Switch
Horn Switch
Turn Signal Switch
PTT Switch
Hazard Switch
Cruise Pilot Box
Cruise Switch
On
Set
Resume
Rear Brake Switch
Front Brake Switch
Clutch Switch
Right Handle Bar Switch Assembly
Venture Cruise Switch Switch
Cancel Switch
Start Switch
Engine Stop Switch
Main Switch
Flasher Relay Assembly
Starting Circuit Cut-off Relay
Flasher Relay
Canceling Unit
Meter Lights
All Dash Bulbs #158
Illumination Controller
High Beam Indicator Light
Fuel (Reserve) Pilot Light
Turn (R) Indicator Light
Turn (L) Indicator Light
Neutral Indicator Light
Tachometer
Temperature Meter
Volt Meter
Speedometer Sensor
Reserve Lighting Unit
Cruise Unit
Vacuum Pump
Release Valve
Air Valve
Cruise Vacuum Pump Assembly
EAND Relay
EAND Solenoid
EAND Solenoid
For California Only Air Solenoid
Fuse
Acc - 10A
Head - 15A
Ignition - 15A
Signal - 20A
Tail - 10A
Backup - 5A
Audio CB - 5A
Fan - 10A
Hazard - 15A
CLASS Fuse Holder - 20A
Front Flasher Light (L) Bulb #1157
Front Flasher Light (R) Bulb #1157
Diode Assembly
8.2 Ohms
Headlight Bulb #H4
High
Low
C.P.U. Monitor
Gear Indicator
Stop Watch
Digital Clock
Front Brake Fluid Level Sensor
Rear Brake Fluid Level Sensor
N.C.
Horn
Gear Position Switch
Thermo Unit
Oil Level Switch
Fuel Sendor
Sidestand Switch
Sidestand Relay
Emergency Stop Sensor "Fall Over"
N.O.
Fuel Pump Control Relay
Fuel Pump
Rectifier/Regulator
IC Regulator
Pressure Sensor
Ignitor Unit
Pick Up Coil
81 ~ 121 Ohms
A.C. Generator
0.28 ~ 0.35 Ohms Each Pair of Coils
Ignition Coils
Primary
2.4 ~ 3.0 Ohms
Secondary
10.6K ~ 15.8K Ohms
#1 (L.R.)
#2 (L.F.)
#3 (R.R.)
#4 (R.F.)
Spark Plugs
Rider Remote Controller Unit
Remote Controller Box
Rear Headset (Option)
Rear Radio Remote
Front Headset (Option)
C.B. Radio
Matching Box
Antenna
Amplifier Controller
Cassette Deck
Tuner Controller
Amplifier
Tuner
Speaker (Left)
Speaker (Right)
Noise Filter
Trunk Light Switch
Trunk Light
Rear Flasher Light (R) Bulb #1156
Rear Flasher Light (L) Bulb #1156
CLASS Controller Unit
CLASS Relay
(CLASS) Compressor
(CLASS) Solenoid Valve
(CLASS) Pressure Sensor
Tail/Brake Light Bulb #1157
Fuse Holder - 40A
Battery
Starter Solenoid
Starter Motor
Thermo Switch
Fan Motor

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

Wire Connectors
Bullet
Spade Lug
Soldered or at Plug Connector

Relay
Operating Coil
Contacts

Ground
Indicates current path to Negative Battery is through frame or engine member

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

Color Codes

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/Gy	Black/Gray
B/L	Black/Blue
B/R	Black/Red
B/W	Black/White
B/Y	Black/Yellow
Br/Gy	Brown/Gray
Br/R	Brown/Red
Br/W	Brown/White
Br/Y	Brown/Yellow
G/L	Green/Blue
G/R	Green/Red
G/W	Green/White
G/Y	Green/Yellow
L/B	Blue/Black
L/G	Blue/Green
L/R	Blue/Red
L/W	Blue/White
L/Y	Blue/Yellow
R/B	Red/Black
R/L	Red/Blue
R/Br	Red/Brown
R/W	Red/White
R/Y	Red/Yellow
W/B	White/Black
W/G	White/Green
W/R	White/Red
Y/B	Yellow/Black
Y/G	Yellow/Green
Y/L	Yellow/Blue
Y/R	Yellow/Red
Y/W	Yellow/White