

## Main Wiring Circuit Diagram - Models without ABS Brakes

### Key to circuit diagram

Key	Item Description
1	Instrument Assembly
2	Vehicle Speed Sensor
3	Front Brake Lever Switch
4	Engine Kill Switch
5	Starter Button
6	Engine Control Module
7	Lambda Sensor
8	Fuel Injector 1
9	Fuel Injector 2
10	Fuel Injector 3
11	Exhaust Air Injection Solenoid
12	Fall Detection Switch
13	Inlet Air Temperature Sensor
14	Coolant Temperature Sensor
15	Throttle Potentiometer
16	Ambient Pressure Sensor
17	MAP Sensor
18	Engine Management Relay
19	Fuel Level Sender
20	Neutral Switch
21	Cooling Fan Relay
22	Cooling Fan
23	330 ohm resistor
24	Purge Valve
25	Ignition Coil 1
26	Ignition Coil 2
27	Ignition Coil 3
28	Side stand Switch
29	Engine Earth
30	Crankshaft Sensor
31	Idle Speed Control Actuator
32	Diagnostic Connector
33	Rear Brake Lever Switch
34	RH Rear Indicator
35	Rear Light
36	Number Plate Light
37	LH Rear Indicator
38	Alarm Connector (Accessory)
39	Starter Motor
40	Starter Solenoid
41	Battery
42	Starter Relay

43	Rectifier / Regulator
44	Alternator
45	Fuse Box
46	Ignition Switch
47	Accessory Socket
48	Satellite Navigation Connector (Accessory)
49	Heated Handlebar Grips Connector (Accessory)
50	Fuel Pump
51	Direction Indicator Unit
52	Clutch Lever Switch
53	Horn Button
54	Direction Indicator Switch
55	Headlamp Dip Switch
56	Oil Pressure Switch
57	LH Front Indicator
58	Position Light
59	Headlight
60	Horn
61	RH Front Indicator
62	Fuel Pump Relay

### Key to wiring colours

Key	Wiring Colour
B	Black
U	Blue
N	Brown
G	Green
S	Slate / Grey
O	Orange
K	Pink
R	Red
P	Purple
W	White
Y	Yellow
LG	Light Green
LU	Light Blue