

ELECTRICAL COMPONENTS

Item	Description	Remarks
1	Alternator	
2	Voltage regulator	
3	Immobilizer antenna	
4	Diagnostic connector	
5	Engine rev sensor	
6	Engine kill switch	
7	Engine compartment fuse boxes	
8	Key switch	
9	Saddle unlatch button	
10	Injection loads relay	
11	Saddle unlatch solenoid	
12	Glove compartment fuse box	
13	Battery	12 V – 14 A•hr
14	Starter motor	
15	Starter relay	
16	Starter button	
17	Rear brake light switch	
18	Front brake light switch	
19	Horn button	
20	Horn	1.2A
21	Headlight relay	
22	Tail lights	A: Brake light - 5W B: Running light - 5W C: License plate light - 5W
23	High beam / low beam switch	
24	Head lights	A: Running lights - 5W B: High beam / low beam - 55/60W
25	Anti-theft alarm connector	
26	Helmet compartment button connector	
27	Deleted	
28	Turn signal lights	10W
29	Turn signal switch	
30	Fuel level sender	
31	Instrument cluster	
32	Outside air temp sensor	
33	Radiator fan	
34	Radiator fan relay	
35	Oil pressure sensor	
36	Water temp sensor	
37	Fuel pump	
38	Fuel injector	
39	Lambda probe	
40	Spark plug	
41	Spark coil	
42	Electronic Control Unit (ECU)	

ECU PINOUTS

Pin	Function
1	Output to cluster (sw to gnd) - Engine fault indicator
2	Output to cluster - Engine speed
3	No connection (CAN bus "L")
4	Input - Lambda probe sensor (-)
5	Input - Key positive (+12VDC)
6	Input - Battery positive (+12VDC)
7	Immobilizer antenna
8	Output (sw to gnd) - Cooling fan relay enable
9	Input - Water temp sensor
10	No connection (CAN bus "H")
11	Input - Lambda probe sensor (+)
12	Input - Engine kill switch
13	Input - Engine rev sensor (+)
14	Output (sw to gnd) - Fuel injector enable
15	Input - Engine rev sensor (-)
16	Output - Diagnostic port
17	Output to cluster (sw to gnd) - Code indicator
18	Tied to pin 19
19	Ground - Water temp sensor, Engine kill switch
20	Output (sw to gnd) - Injection load relay enable
21	Output (sw to gnd) - Lambda probe heater enable
22	Output (sw to gnd) - Spark coil enable
23	No connection (Speed sensor)
24	Output (sw to gnd) - Starter relay enable
25	No connection (Tip switch)
26	Ground

INSTRUMENT CLUSTER PINOUTS

Pin	Function
1	Input - Water temp sensor
2	Input - Outside Air Temp sensor (+)
3	No connection
4	Input - Panel backlight power
5	Input - High beam indicator
6	Input from ECU - Engine speed
7	No connection
8	Ground
9	Input - Battery positive (+12VDC)
10	Input - Key positive (+12VDC)
11	Input - ABS indicator (No connection)
12	Input - Low oil pressure switch
13	Input - Fuel level sender (+)
14	Input - Fuel level sender (-)
15	Input from ECU - Code indicator
16	Input from ECU - Engine fault indicator
17	Input - Outside Air Temp sensor (-)
18	Input - Turn signal indicator, Left
19	Input - Turn signal indicator, Right
20	Output - Turn signal power (pulsed)

FUSES

Position	Rating	Protected Circuits	Switched
1	30A	Main	N
2	7.5A	Ignition ECU, Injection loads relay, Fan relay	Y
3	10A	Injection loads, Ignition coil	N
4	3A	Injection ECU	N
5	10A	Instrument cluster, Anti-theft pre-wiring	Y
6	7.5A	Headlight relay, Horn	Y
7	15A	Headlight, Fan, Seat latch	N
8	10A	Instrument cluster, Anti-theft pre-wiring	N
9	7.5A	Starter motor relay, Brake light	Y
10	7.5A	Running lights, Instrument cluster backlighting	Y