

### Rover SD1 Efi Main Circuit Diagram - 1985 - On

No.	Description	Grid reference	No.	Description	Grid reference
1	Alternator	A1	115	Heated rear screen switch	B4
3	Battery	A1	116	Heated rear screen	B4
4	Starter motor solenoid	A1	118	Windscreen washer / wiper switch	A3
5	Starter motor	A1	134	Oil level indicator	B4
6	Lighting switch	B2	135	Oil level indicator switch	B3
7	Headlamp dip switch	B2	136	Oil level sump unit	B3
8	Headlamp dip beam	B1	147	Oil pressure transducer	B3
9	Headlamp main beam	B1	150	Heated rear screen warning lamp	B4
10	Main beam warning lamp	B1	153	Hazard warning switch	C2
11	R.H. side lamp	C1	164	Ballast resistor or resistive cable	C3
12	L.H. side lamp	C1	165	Handbrake warning lamp switch	B4
14	Panel illumination lamp(s)	C1,C3	166	Handbrake warning lamp	B4
15	Number plate illumination lamp(s)	C2	174	Starter solenoid relay	A1
16	Stop lamp(s)	C1	176	Fuel level warning lamp	B3
17	R.H. tail lamp	C1	182	Brake fluid level switch	B4
18	Stop lamp switch	C2	208	Cigar lighter illumination lamp	C2
19	Fuse box	Various	210	Panel illumination lamp	C3
20	Interior lamp(s)	C4		rheostat / resistor	
21	Interior lamp door switch	C4	231	Headlamp relay	B2
22	L.H. tail lamp	C1	240	Heated rear screen relay	B4
23	Horn(s)	C3	242	Two way interior lamp switch	C4
24	Horn push	C3	246	Glove box illumination lamp	C2
26	Direction indicator switch	C2	247	Glove box illumination switch	C2
27	Direction indicator warning lamp(s)	C1	248	Bonnet lamp	C4
28	R.H. front direction indicator lamp	C1	249	Bonnet lamp switch	C4
29	L.H. front direction indicator lamp	C1	255	Fibre optics illumination bulb	C1
30	R.H. rear direction indicator lamp	C1	256	Brake warning blocking diode	B2
31	L.H. rear direction indicator lamp	C1	270	Rear screen wiper motor	A4
34	Fuel level indicator	B3	271	Rear screen washer motor	A4
35	Fuel level indicator tank unit	B3	272	Rear screen wipe wash switch	A4
37	Windscreen wiper motor	A3	273	Front fog lamp(s) relay	B2
38	Ignition/starter switch	A2	274	L.H. door lamp	C4
39	Ignition coil	A1	275	R.H. door lamp	C4
40	Distributor	A2	286	Fog rearguard lamp switch	C2
42	Oil pressure switch	B3	287	Fog rearguard warning lamp	C1
43	Oil pressure warning lamp	B3	288	Fog rearguard lamp(s)	C1
44	Ignition/no charge warning lamp	B4	293	Foglamp warning lamp	B1
45	Headlamp flash switch	B2	297	Brake failure warning lamp	C4
46	Water temperature indicator	B3	298	Windscreen wiper delay unit	A3,A4
47	Water temperature transducer	B3	308	Direction indicator / hazard	C2
49	Reverse lamp switch	A3		flasher unit	
50	Reverse lamp(s)	A4	314	Clock illumination lamp (console)	C1
53	Fog lamp switch	B2	316	Coolant level sensor switch	B3
54	Fog lamp(s)	B1	324	Parcel shelf / map lamp	C4
56	Clock	C4	325	Brake pad wear warning lamp	B4
57	Cigar lighter	C4	326	Brake pad wear sensor	B3
64	Voltage stabiliser	B3	333	Bulb failure warning lamp	C4
65	Boot lamp switch	B4	337	Bulb fail unit(s)	C2
66	Boot lamp	B4	338	Low fuel warning light delay unit	B3
67	Line fuse	A4,B4	344	Door lock motor	B1
75	Automatic gearbox ignition	A2	345	Door lock motor control unit	A1
	Inhibitor switch		356	Speed transducer	A2
76	Automatic gearbox selector	B3	367	Trailer towing warning light	B3
	indicator lamp		394	Radiator switch	B3
77	Windscreen washer motor	A3	400	Fuseable link	A1
78	Windscreen washer switch	A3	401	Interior lamp delay unit	CL
82	Switch illumination lamp(s)	C1	448	Speedometer	B4
95	Tachometer	B4	449	Oil pressure gauge	B3
101	Map light switch	C4	450	Low coolant level indicator	B3
102	Map light	C4	451	Low coolant warning lamp	B3
110	Direction indicator repeater lamps	C1	452	Fuel injection trigger	A2

### Pick-up Point Connection Codes

A1	Digital clock	B3
A2	Ignition feed	A2

### Electronic Fuel Injection Circuit

B1	Efi main relay	A1
B2	Efi steering module	A2
B3	Efi inertia switch	A2
B4	Efi inline resistor / ECU	A2

### Window Lift Circuit

E1	Thermal cut-out	A1
E2	Passenger front window lift switch	B2
E3	Driver front window master switch	B2
E4	Window isolation switch	B2
F1	Passenger electric door mirror	See door mirror cct
F2	Driver electric door mirror	See door mirror cct

### Door Mirror Circuit

F1	Passenger door demist element	See window cct
F2	Driver door demist element	See window cct
F3	Control switch	A3

### Radio / Radio Cassette Circuit

G1	Battery feed	C4
G2	Auxiliary ignition feed	B2
G3	Starter relay / electric arial relay	A1

### Trip Computer Circuit

J1	Ignition feed to interface unit	A3
J2	No. 8 cylinder	See Efi cct
J3	Ignition feed to trip computer	A3
J4	Battery feed to computer	C3
J5	Speed transducer to computer	B4
J6	Ignition feed to trip computer	

### Electric Sunroof Circuit

K1	Fuse	B1
K2	Switch	B2

### Headlamp Powerwash Circuit

L1	Powerwash system	A1,B2
L2	Timer delay relay	B2
L3	Powerwash pump	A2

### Air conditioning (CCOT) Circuit

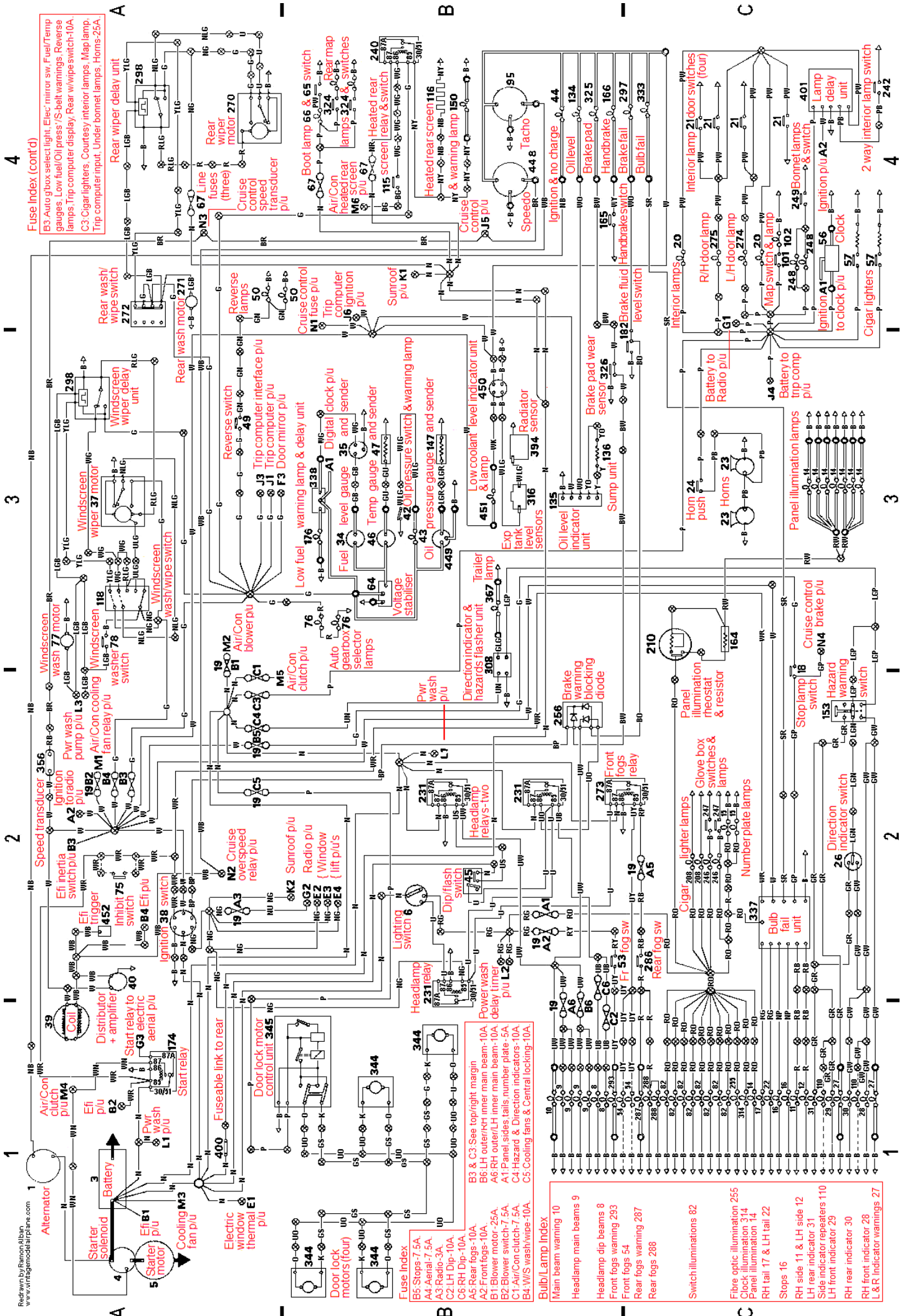
M1	Cooling fan relay	A2
M2	Blower motor	A3
M3	Cooling fan	A3
M4	Magnetic clutch	A1
M5	Magnetic clutch	B2
M6	Heated rear screen connection	B4

### Cruise Control Circuit

N1	Inline fuse	B4
N2	Overspeed relay	A2
N3	Speed transducer to Electronic control unit	A4
N4	Brake switch	C2

### Wiring Colour Code

B	Black
G	Green
K	Pink
LG	Light Green
N	Brown
O	Orange
P	Purple
R	Red
S	Slate (Grey)
U	Blue
W	White
Y	Yellow



**Fuse Index (cont'd)**  
 B3: Auto g box select light, Elec mirror sw, Fuel/Temp gauges, Low fuel/Oil press /S belt warnings, Reverse lamps, Trip computer display, Rear w/wipe switch-10A, C3: Cigar lighters, Courtesy interior lamps, Map lamp, Trip computer input, Under bonnet lamps, Homs-25A

Redrawn by Ramon Alban  
 www.vrmagmodelairplane.com

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 Main beam warning 10  
 Headlamp main beams 9  
 Headlamp dip beams 8  
 Front fogs warning 293  
 Front fogs 54  
 Rear fogs warning 287  
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 Clock illumination 314  
 Panel illumination 14  
 RH tail 17 & LH tail 22  
 Stops 16  
 RH side 11 & LH side 12  
 LH rear indicator 31  
 Side indicator repeaters 110  
 LH front indicator 29  
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**Fuse Index**  
 B5: Stops-7.5A  
 A4: Aerial-7.5A  
 A3: Radio-3A  
 C2: LH Dip-10A  
 C6: RH Dip-10A  
 A5: Rear fogs-10A  
 A6: LH outer/RH inner main beam-10A  
 B1: Blower motor-25A  
 B2: Blower switch-7.5A  
 C1: Air/Con clutch-7.5A  
 C5: Cooling fans & Central locking-10A

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