

Land Rover Series III - Electrical Layout

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Legend

DT – Deutsch connector

PFB – Permanent Fuse Box

IFB – Ignition Fuse Box

REL - Relay

Relays

REL1 – Horn

Pin	Circuit
86 Engine DT8.1 (Yellow)	
85 GND	
30 PLB 6.1 (Blue) 10 A	
87 Horn + (Blue)	

REL2 – Low Beam

Pin	Circuit
86 Stalk DT8.2 ()	
85 GND	
30 PLB 6.1 (Blue) 15 A	
87 Left Front DT8.	
87A Right Front DT8.	

REL3 – Main Beam

Pin	Circuit
86 Stalk DT8.3 ()	
85 GND	
30 PLB 6.1 (Blue) 15 A	
87 Left Front DT8.	
87A Right Front DT8.	

REL4 – Ignition Fuse Block Power

Pin	Circuit
86 Engine DT8.2 (Brown)	
85 GND	
30 Permanent Fuse 6.6 (Blue) 25 A	
87 IFB +	

Fuse boxes

PFB6 – Permanent Live Fuse Box

Pin	Circuit	Fuse
1	Horn relay feed	10 A
2	Low beam relay feed	15 A
3	Main beam relay feed	15 A
4	Ignition switch feed	5 A
5	Flash, interior lamp, Dashcam +Batt feed	10 A
6	Ignition relay feed	20 A

IFB12 – Ignition Live Fuse Box

Pin	DT8 pin	Circuit	Fuse
1	A1	Headlamp switch + pin 4	7.5 A
2	A2	Blower	10 A
3	A3	Spare	
4	A4	USB/Auxillary/Tachometer/ Voltage meter	10 A
5	A5	Alternator warning/Oil pressure/Voltage stabiliser (Fuel/Water temp)	5 A
6	A6	Coil +	5 A
7	B1	Dashcam +	7.5 A
8	B2	Horn switch	5 A
9	B3	LED blinker +	7.5 A
10	B4	Wipers and washer	10 A
11	B5	Reverse lights	5 A
12	B6	Brake lights	5 A

Deutch Connectors

DT8-A: Ignition Fuse A

DT8-C	Circuit
1	Light switch pin 4
2	Blower
3	Spare?
4	USB/ Auxiliary / Voltage meter
5	Alternator warning / Oil pressure / Voltage stabiliser
6	Coil +
7	Spare
8	Spare

DT8-B: Ignition Fuse B

DT8-C	Circuit
1	Dashcam +Acc
2	Horn trigger on stalk
3	Wipac LED blinker +
4	Wipers and washer
5	Reverse lamp feed
6	Brake lamp feed
7	Spare
8	Spare

DT8-C: Engine bay to wings

DT8-C	Circuit
1	Main beam
2	Dipped beam
3	Spare?
4	RH indicator
5	LH indicator
6	Washer
7	Side lamp
8	Spare

DT8–D: Wing (x2)

DT6-E	Circuit
1 Side lamp	
2 Earth	
3 Indicator	
4 Earth	
5 Main beam	
6 Dipped beam	
7 Earth	
8 Spare	

DT8-E: Engine bay sensors and fused feeds

DT8-D	Circuit
1 Horn switch fused feed	
2 Ignition switch fused feed	
3 Alternator warning → Alternator warning lamp	
4 Water temperature feed → Voltage stabiliser	
5 Oil pressure feed → Oil pressure lamp	
6 Hazard switch – permanent fused feed	
7 Ignition switch supply	
8 Petrol gauge → Voltage stabiliser	

DT6–F: Stalk-A

DT6-E	Circuit
1 Dipped-beam relay control	
2 Horn relay control	
3 Horn switch feed	
4 Spare	
5 Main-beam relay control	
6 Headlamp switch pin 8	

DT8–G: Stalk-B

DT8-F	Circuit
1 Spare	
2 Left indicator	
3 Spare	
4 Main beam flash feed	
5 Right indicator	
6 Spare	
7 Indicator feed from L pin on blinker	
8 Spare	

DT8-H: Rear loom

DT8-C	Circuit
1 LH indicator	
2 Reverse lamp	
3 Earth return	
4 RH indicator	
5 Not used	
6 Stop lamp	
7 Tail lamp / number plate	
8 Spare	

DT6–I: Rear distribution

DT6-E	Circuit
1 LH indicator	
2 Reverse lamp	
3 Earth return	
4 RH indicator	
5 Stop lamp	
6 Tail lamp / number plate	

Switches

Ignition switch – Lucas 47SA

Pin	Function
3	Permanent +12 V input
2	Ignition RUN output
1	Starter-solenoid output

Headlamp switch

Pin	Function
1	Side lamps *
2	
3	
4	Power ← IFB12.1
5	
6	
7	Tail lamps & Dashboard illumination *
8	Stalk6.6

* swapped wrt Land Rover guide as pin 1 does not have space for piggyback

WIPAC LED Flasher

Wipac pin	Function	Your connection
+	+12 V supply	Fused supply
–	Earth	Black → earth bus
L	Flashing output	→ indicator/hazard switch circuit
L1	Auxiliary/pilot output	Normally not required for your basic Series III indicator circuit

Stalk wiring pinouts and functions

Stalk wire	Function	Connection in your new wiring
Light Green/Red	Indicator main input	From L terminal of LED flasher unit
Green/Yellow	Right indicator output	To RH front/rear LED indicators and RH dash indicator
Green/Red	Left indicator output	To LH front/rear LED indicators and LH dash indicator
Blue	Headlamp main input	From headlamp ON/OFF switch – fed by your 5 A ignition-switched headlamp control circuit
Blue/Red	Dipped/low beam output	To terminal 86 of low-beam relay
Blue/White	Main/high beam output	To terminal 86 of high-beam relay and high-beam warning lamp as appropriate
Brown	Horn switch input	From 10 A fused permanent live
Brown/Black	Horn switch output	To terminal 86 of horn relay
Purple	High Beam Flash input	From 10 A fused permanent live