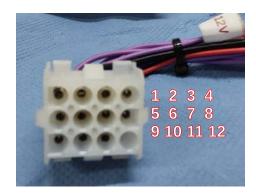
S Low Beam → 12V PCB IHC - Connection plan free (worklight?) S Brake → 12V 26. Jun 2022 PB0 PB1 D_TV\$ ● 22k ● 22k ● 22k ● 10k 12V IN 4mm2 PD5 K1 Blinker left (rear) - F1 **ISP** programmer PB7 K2 Blinker right (rear) - F2 PB6 K3 Blinker left (front only) - F3 PD4 K4 Blinker right (front only) - F4 PD3 K5 [free] - F5 -[[22k]]-PD2 K6 free worklight? - F6 📭 🕟 PD1 K7 High beam - F7 PD0 K8 Low beam - F8 GND GND 12V 12V Control light? → 12V mos2 PC3 12V IN 4mm2 mos1 PC4 Repositories: GND GND GND S_HORN → GND https://github.com/Jonny999999/ihc-control_pcb S_HIGH_BEAM → GND https://github.com/Jonny999999/ihc-control fw 1 S_WARNING_LIGHTS → **Documentation:** F9 - OUT_HORN → 12V S_BLINK_LEFT https://pfusch.zone/control-pcb S_BLINK_RIGHT Notes: - Parking light: switched directly with key switch - Control lamps for blinker are connected to K3/K4 (front blinker)

- Control lamp high beam connected to K7

IHC - Connector pin assignment

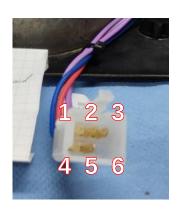
12 Pin Connector Dashboard right



Female connector Dashk	ooard	right
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Pin	Assignment
1	GND
2	12V
3	Control lamp blinker → Blinker left F3
4	Control lamp blinker → Blinker right F4
5	Switch high beam
6	Control lamp center → mos
7	dashboard light → low beam
8	Control lamp high beam → F7
9	Switch Horn
10	Switch blinker left
11	Switch blinker right
12	

6 Pin Connector Dashboard left



Male connector Dashboard left

Pin	Assignment
1	GND
2	12V
3	dashboard light → low beam
4	Switch work light
5	Switch warning lights
6	free

12x0.5 Cable

Cable PCB → **connectors**

Wire	Assignment	
green	GND	
1	GND	tor
2	12 V	d ri
3	Switch blinker left	oar
4	Control lamp center	pin connector dashboard right
5	Switch high beam	das
6	Switch horn	17
7	Switch blinker right	
8	Switch work light	eft
9	Switch Warning lights	6 pin con → dashb. left
10	12V	6 p
11	Switch Brake	da

IHC - Fuse box



F1 F2 F3 F4 F5 F6 F7 F8 F9 F10

No.	Fuse	Source	Device	Power	Current max
F1	7.5 A	K1	Blink left (rear + connector)	~3 x 21 W	5.2 A
F2	7.5 A	K2	Blink right (rear + connector)	~3 x 21 W	5.2 A
F3	3 A	K3	Blink left (front only)	1 x 21 W	1.75 A
F4	3 A	K4	Blink right (front only)	1 x 21 W	1.75 A
F5		K5	[FREE]		
F6		K6	Worklight	?	?
F7	15 A	K7	High beam	2x H4 60W	10 A
F8	10 A	K8	Low beam	2x H7 55W	
F9	5 A	MOS2	Horn		4 A
F10	3 A	Key sw	Parking Light	6 x 5 W	2.5 A

Notes:

Missing (no fuse):

- Starter
- Glow plug
- 12V Dashboard
- Master fuse