

Configuration table

Vehicle model	EH300
Model year	2020
Tonnage / single and double tire	D6
Wheelbase	3308
Body form	Single row
Engine (battery)	CATL 127.7KWh
Gearbox (motor)	Zhong Lian 6AMT
Data recorder	— (Interface reservation)
Electric-heating rearview mirror	○
ESC	●
Front electric window	●
One-button start	—
Central locking + remote key	●
Automatic locking for driving	●
Reminder for seat belt unfastening	●
Electro-hydraulic steering	●
Gateway	●

Blind zone detection	—
Pedestrian warning	●
Remote monitoring system	●
Maintenance-free battery	●
Car backing radar	—
Reversing camera	—
Cruise control	●
Tire pressure monitoring system	○
Car networking	●
Adjustable multifunctional steering wheel	●
Double cell (24V)	●
electricAir conditioner	●
Reminder for turning	●
Electric heating for battery	●
CAN bus	●
Front fog lamp	●

Mutual charging of vehicles	—
DC charging (front-facing)	●
On-board charger	—
Auxiliary power-taking interface (precharge circuit)	●
10-inch touch screen (with intelligent voice)	○
12V / 24V socket (cigarette lighter)	●
LED Headlamp	○
Intelligent working condition	●
Brake energy recovery	●
Adjustable headlamp height (electric)	●
Halogen headlamp	●
Fatigue driving warning system	—
Floodlight	●
Auto-induction headlamp	○

Remarks: ● Standard configuration ○ Selective assembly -- Nothing

Abbreviation

Abbreviation	Definition
OBD	On-board diagnosis
A	Ampere
A/C	Air conditioner
ABS	Antilock brake system
ATN	Antenna
ATC	Air temperature control
B+	Positive pole voltage of battery
BUS	Data bus
CAN	Control area network
Cav	Needle (hole)
BCM	Body controller
CDL	Central-control door lock
CoL	Color
PPW	Pedestrian reminder
DC	Direct current
MCU	Motor controller
DDM	Driver side door combination switch
DI	Steering
DIP	Lower beam
VCU	Vehicle controller
FL	Electrical box fuse
FUSE	Fuse
MSD	Manual service switch

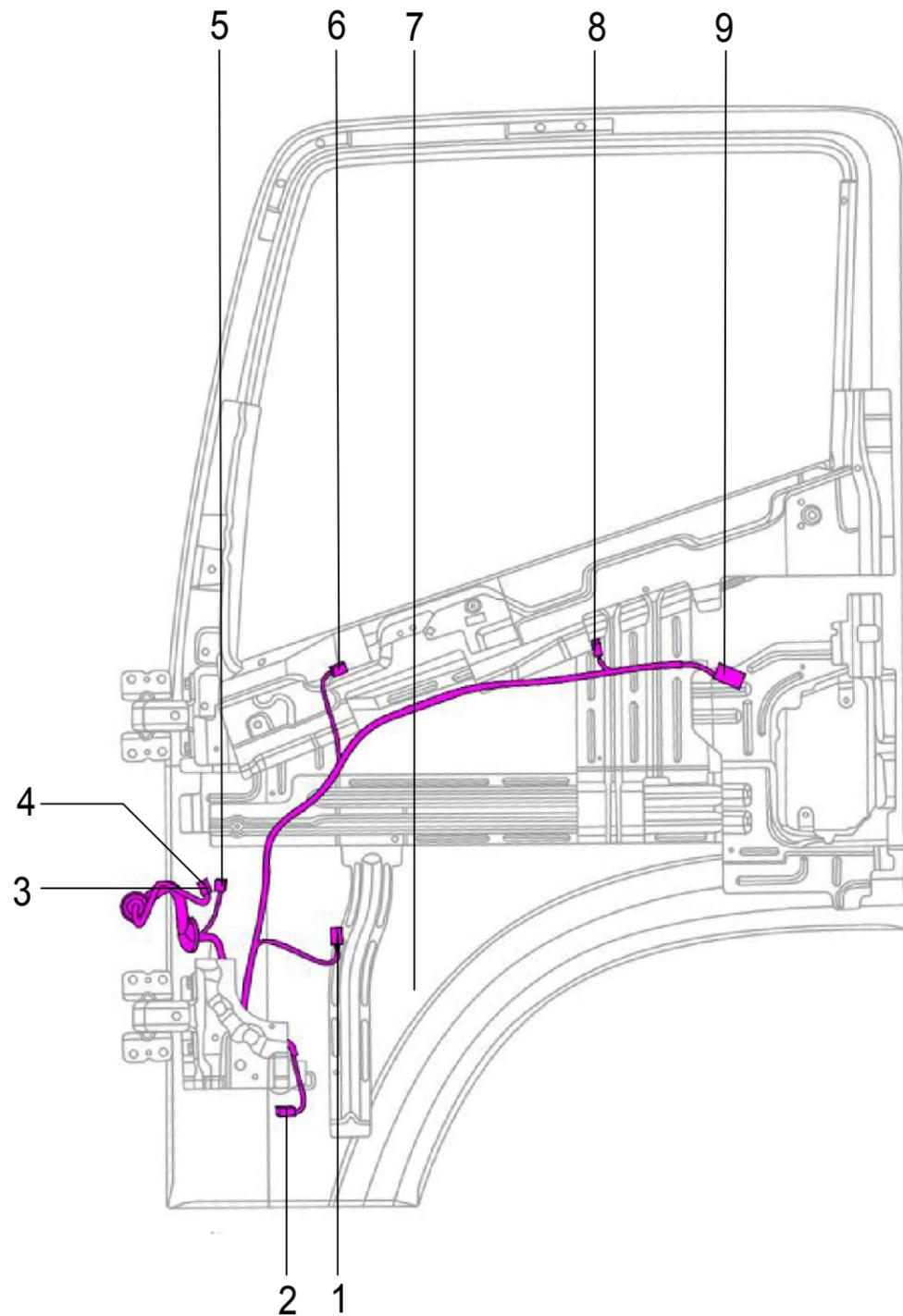
Abbreviation	Definition
IC	Combination instrument
F	Electrical box fuse
GND	Grounding
HLL	Headlamp level
IGN	Ignition
ILL/ILLUM	Lighting
IMMO	Theft prevention
LF/FL	Left front
LSM	Lamp light control module
Pass	Passenger
PCB	Printed circuit board
PDC	Stopping distance control
Pos/Poti	Position
PWM	Pulse width adjustment
PWR	Power supply
R	Relay
RC	Middle rear
REC	Circulation
rev/min	Revolutions per minute
RF	Radio frequency
RF/FR	Right front
QCD	Quick-release maintenance box
TPMS	Tire pressure monitoring system

Abbreviation	Definition
RL/LR	Left rear
RR	Right rear
SCR	Shield
SIG	Signal
SPK	Loudspeaker
SRS	Protective device
ST	Start
SW	Switch
TEMP	Temperature
DCDC	Voltage converter
BMS	Battery management system
V	Volt
VICS	Vehicle information communication system
VIN	Vehicle identification number
T-BOX	Remote monitoring module
ACM	Air pump
SOC	Residual charge
ESHP	Steering pump
PTC	Electric heating
TCU	Transmission control unit
GW	Gateway
PIN1	Foot position 1
PACK1	Battery pack 1

Summary list for butt-joint plug-ins

Connector number (number of stitch, color, attribute)	Connector function description	Connector location	Butt-joint connector number	Connector number (number of stitch, color, attribute)	Connector function description	Connector location	Butt-joint connector number
MN009 (10PIN, White connector)	Instrument to left front door harness	Left side of dashboard	Left front door harness A	MN029 (4PIN, White connector)	Instrument to chassis harness	Under the center control of dashboard	Connect to instrument harnessC (CF012)
MN064 (11PIN, White connector)	Instrument to left front door harness	Left side of dashboard	Left front door harness B	MN027 (20PIN, White connector)	Instrument to chassis harness	Under the center control of dashboard	Connect to instrument harnessB (CF006)
MN065 (6PIN, White connector)	Instrument to right front door harness	Right side of dashboard	Right front door harness A	MN026 (22PIN, White connector)	Instrument to chassis harness	Under the center control of dashboard	Connect to instrument harnessA (CF008)
MN051 (10PIN, White connector)	Instrument to right front door harness	Right side of dashboard	Right front door harness B	MN030 (24PIN, White connector)	Instrument to chassis harness	Under the center control of dashboard	Connect to instrument harnessD (CF009)
MN011 (8PIN, White connector)	Instrument to left floor harness	Under the left side of dashboard	Connect to left floor harness	CF035 (9PIN, White connector)	Chassis to taillight harness	Left rear of frame	Taillight harness
MN052 (8PIN, White connector)	Instrument to right floor harness	Under the right side of dashboard	Right floor harness	Taillight harness (2PIN, White connector, optional)	Taillight to car backing radar harness (reserved)	Right side of left taillight	Wiring harness for car backing radarA
MN048 (6PIN, White connector)	Instrument to toplight harness	Under the right A-pillar	Wiring harness for ceiling 1	Taillight harness (2PIN, White connector, optional)	Taillight to car backing radar harness (reserved)	Left side of right taillight	Wiring harness for car backing radarB
MN102 (20PIN, White connector, optional)	Instrument to toplight harness (reserved)	Under the right A-pillar	Wiring harness for ceiling 2				
CF063 (2PIN, Black connector, optional)	Chassis to rear clearance lamp harness	Left side of frame battery	Rear clearance lamp harness				

3. Right door harness

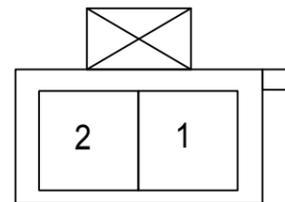


1. Right front loudspeaker



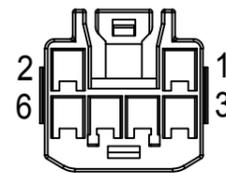
- 1 - 2910 RB 0.5
- 2 - 2911 RW 0.5

2. Right turn light



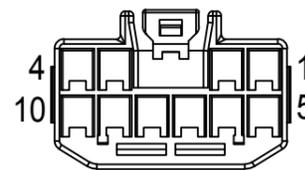
- 1 - 2415 WL 0.75
- 2 - 0052k B 0.75

3. Right front door harness A



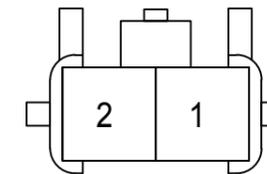
- 1 - 3014a WB 0.35
- 2 - 3015a VW 0.35
- 3 - 3004 R 0.5
- 4 - 3005 RB 0.5
- 5 - 3009 LY 1.0
- 6 - 3010 L 1.0

4. Right front door harness B



- 1 - 2911 RW 0.5
- 2 - 2910 RB 0.5
- 3 - 0052a B 0.75
- 4 - 2415 WL 0.75
- 5 - 3402 GBr 0.5
- 6 - 1076 RO 0.35
- 7 - 2712 WG 0.35
- 8 - 3014a WB 0.35
- 9 - 3015a VW 0.35

5. Right rear-view mirror



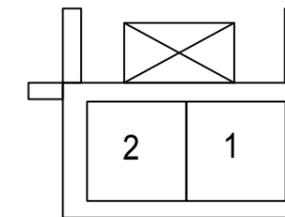
- 1 - 3402 LY 0.5
- 2 - 0052m B 0.5

6. Right front electric window motor



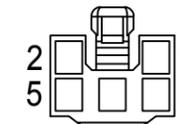
- 1 - 3010 L 1.0
- 2 - 3009 LY 1.0

7. Right floodlight



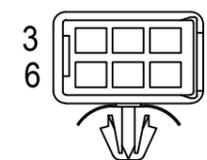
- 1 - 2712 WG 0.35
- 2 - 1076 RO 0.35

8. Right front electric window switch



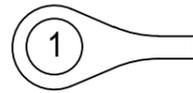
- 2 - 3015c VW 0.35
- 4 - 0052n B 0.35
- 5 - 3014c WB 0.35

9. Central locking



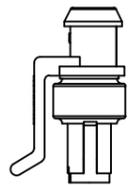
- 2 - 3005 RB 0.5
- 5 - 3004 R 0.5

9. Main power switch B (CF026)



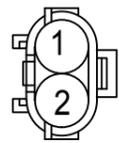
1 - BAT R 8.0

10. Connect to rear clearance lamp (CF063)



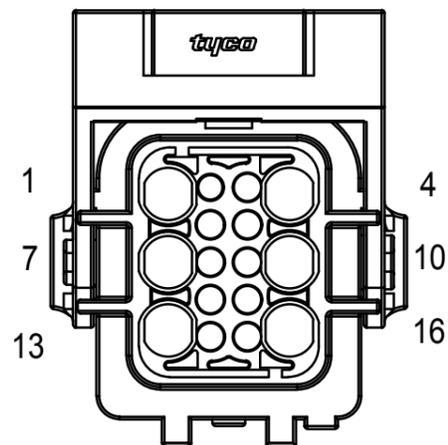
1 - E10d B 0.5
1 - F19b GO 0.5

11. ACM Fan



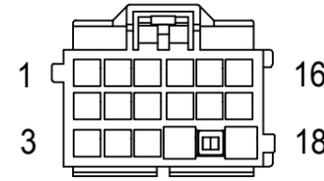
1 - T1 Y 1.5
2 - E10a B 1.5

12. DC charging socket (CF090)



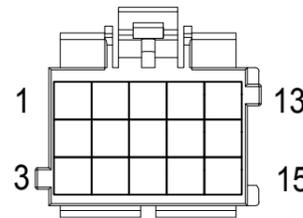
2 - CD+ YW 0.5
3 - CD- YB 0.5
6 - CC2 WR 0.5
8 - OBC-CANHa YG 0.5
9 - OBC-CANLa UG 0.5
11 - KC1 RG 0.5
12 - KC24 GW 0.5
14 - KC3 G0 0.5
15 - KC24 GB 0.5

13. EBS1 (CFEBS1)



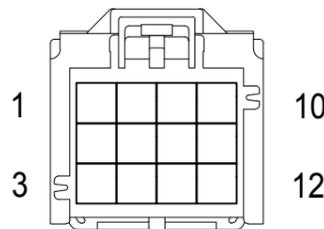
1 - C-CANLb Lg 0.5
3 - C-CANHb W 0.5
4 - 3018 BrR 0.5
7 - F011 RY 1.0
8 - FL008 RG 2.5
9 - FL008 RG 2.5
12 - E9Re B 2.5

14. EBS2 (CFEBS2)



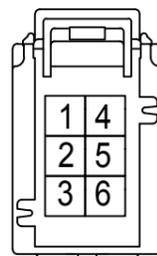
1 - EB20 OL 0.5
2 - EB10A LG 0.5
3 - EB22 LG 0.5
4 - EB21 P 0.5
5 - EB11A BrG 0.5
6 - EB12A GyG 0.5
7 - EB23 WO 0.5
8 - EB13A OG 0.5
10 - EB15 VG 0.5
11 - EB16 WG 0.5
12 - EB14 PW 0.5
13 - EB18 BrO 0.5
14 - EB19 GyO 0.5
15 - EB17 LO 0.5

15. EBS4 (CFEBS4)



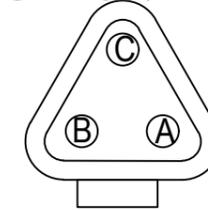
1 - EB31 LR 0.5
2 - CAN3-L GW 0.5
4 - EB30 WV 0.5
5 - CAN3-H GB 0.5
7 - EB29 V 0.5
9 - EP B 0.5
10 - EB28 OB 0.5
12 - UB BR 0.5

16. EBS5 (CFEBS5)



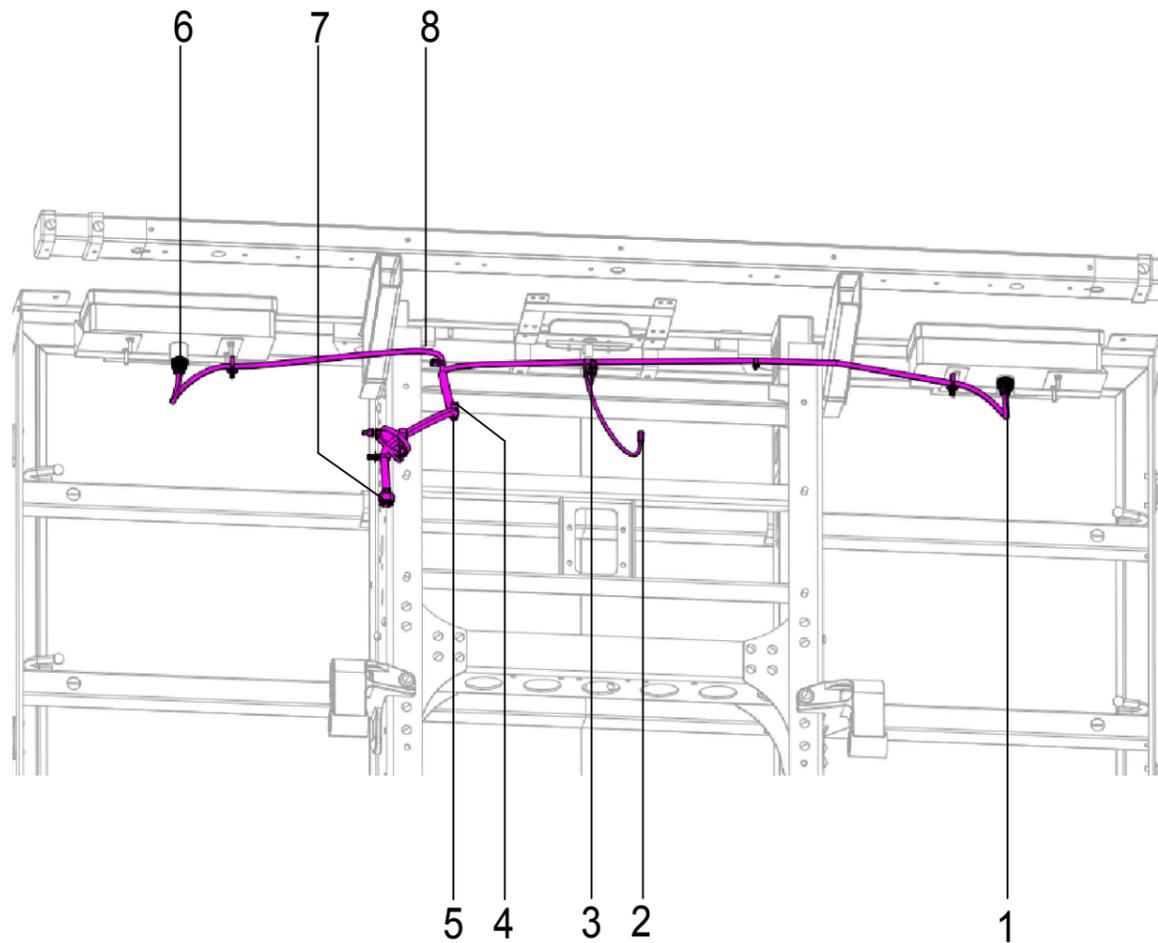
1 - 2027 RW 0.75
2 - 2029 WG 0.5
3 - 2028 GB 0.5
4 - 2026 WY 0.75
5 - 2031 W 0.5
6 - 2030 GL 0.5

17. Terminal resistance B (CF110B)



A - C-CANHb W 0.5
B - C-CANLb Lg 0.5

6. Taillight harness

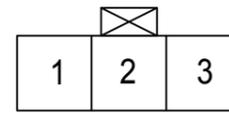


1. Right taillight



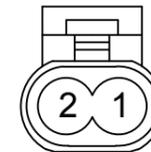
- 1 - 0402b B 0.5
- 2 - 1234b RG 0.5
- 3 - 2420b GY 0.5
- 5 - 2421b WL 0.5
- 6 - 2415 GW 0.5
- 7 - 2413b GO 0.5

2. Connect to rear camera



- 1 - 2912 RW 0.5
- 2 - 2914 R 0.5
- 3 - 2915 B 0.5
- 3 - 2913 RB 0.5

3. License plate lamp



- 1 - 0402c B 0.5
- 2 - 2413c GO 0.5

4. Connect to car backing radar harness A



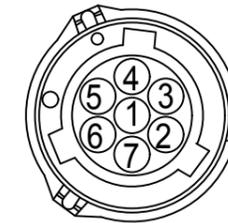
- 1 - 2420c GY 0.5
- 2 - 0402d B 0.35

5. Connect to car backing radar harness B



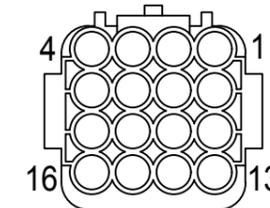
- 2 - 3805 Y 0.35

6. Left taillight



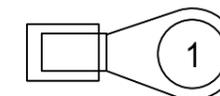
- 1 - 0402a B 0.5
- 2 - 2421a WL 0.5
- 3 - 2420a GY 0.5
- 4 - 2413a GO 0.5
- 5 - 1234a RG 0.5
- 6 - 2414 GB 0.5

7. Taillight harness



- 1 - 2415 GW 0.5
- 2 - 2421 WL 0.5
- 3 - 1234 RG 0.5
- 4 - 2414 GB 0.5
- 5 - 2413 GO 0.5
- 7 - 2420 GY 0.5
- 8 - 3805 Y 0.35
- 10 - 2912 RW 0.5
- 11 - 2913 RB 0.5
- 12 - 2914 R 0.5
- 13 - 2915 B 0.5

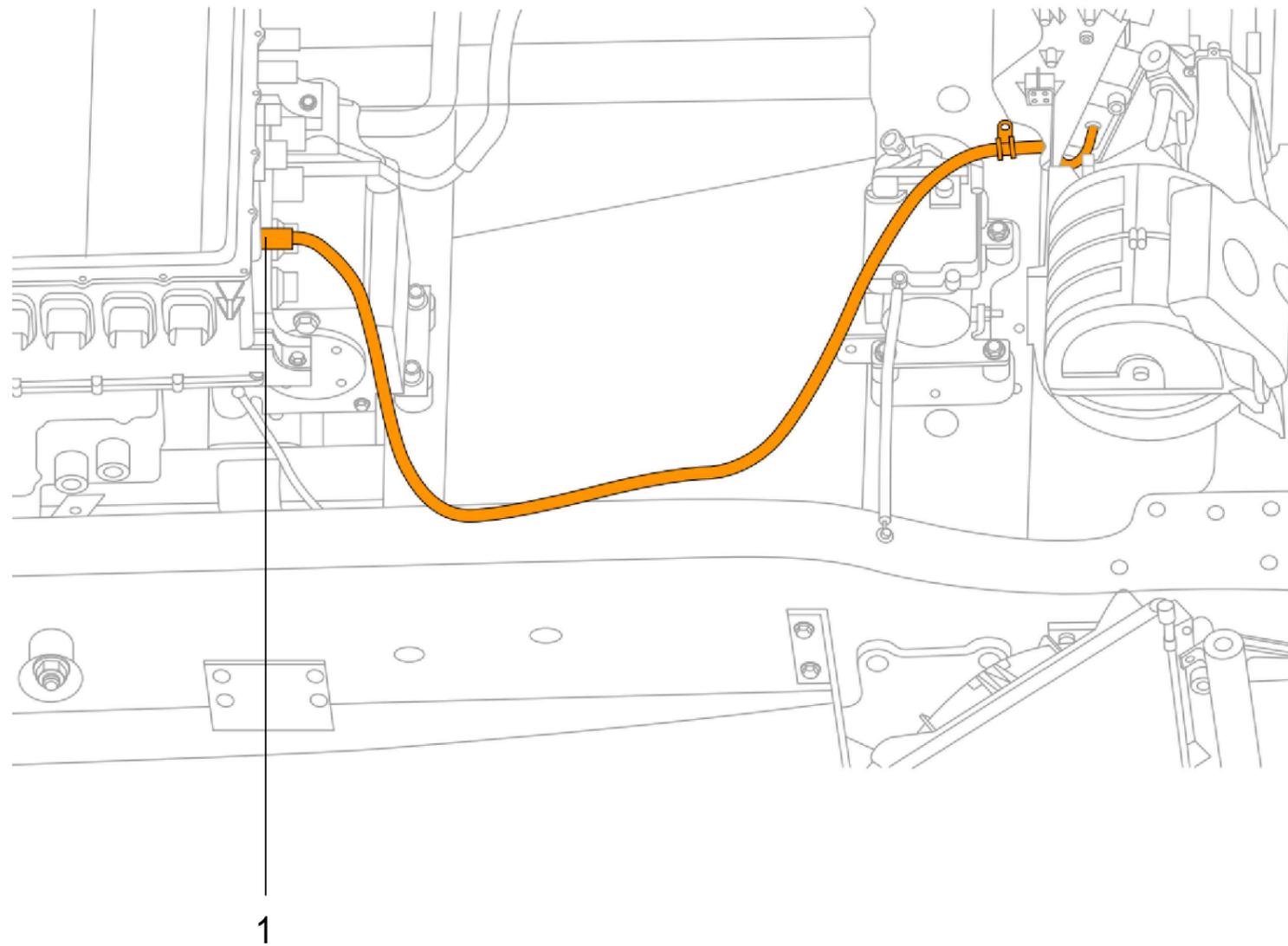
8. Bonding



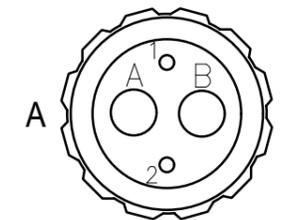
- 1 - 0402 B 1.0

11. High-voltage wiring harness

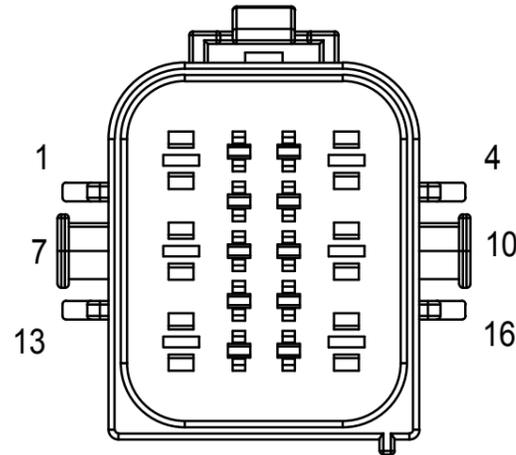
11.7 Five-in-one output high-voltage harness (PTC)



1. PTC power supply



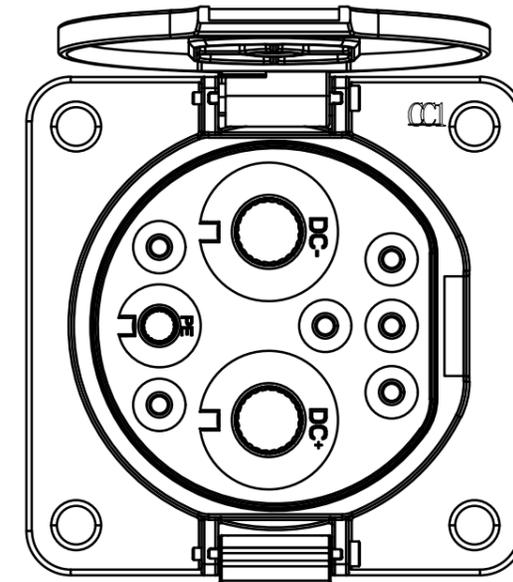
3. Fast-charging
low-voltage communication
plug-in



4. DC charging base
bonding

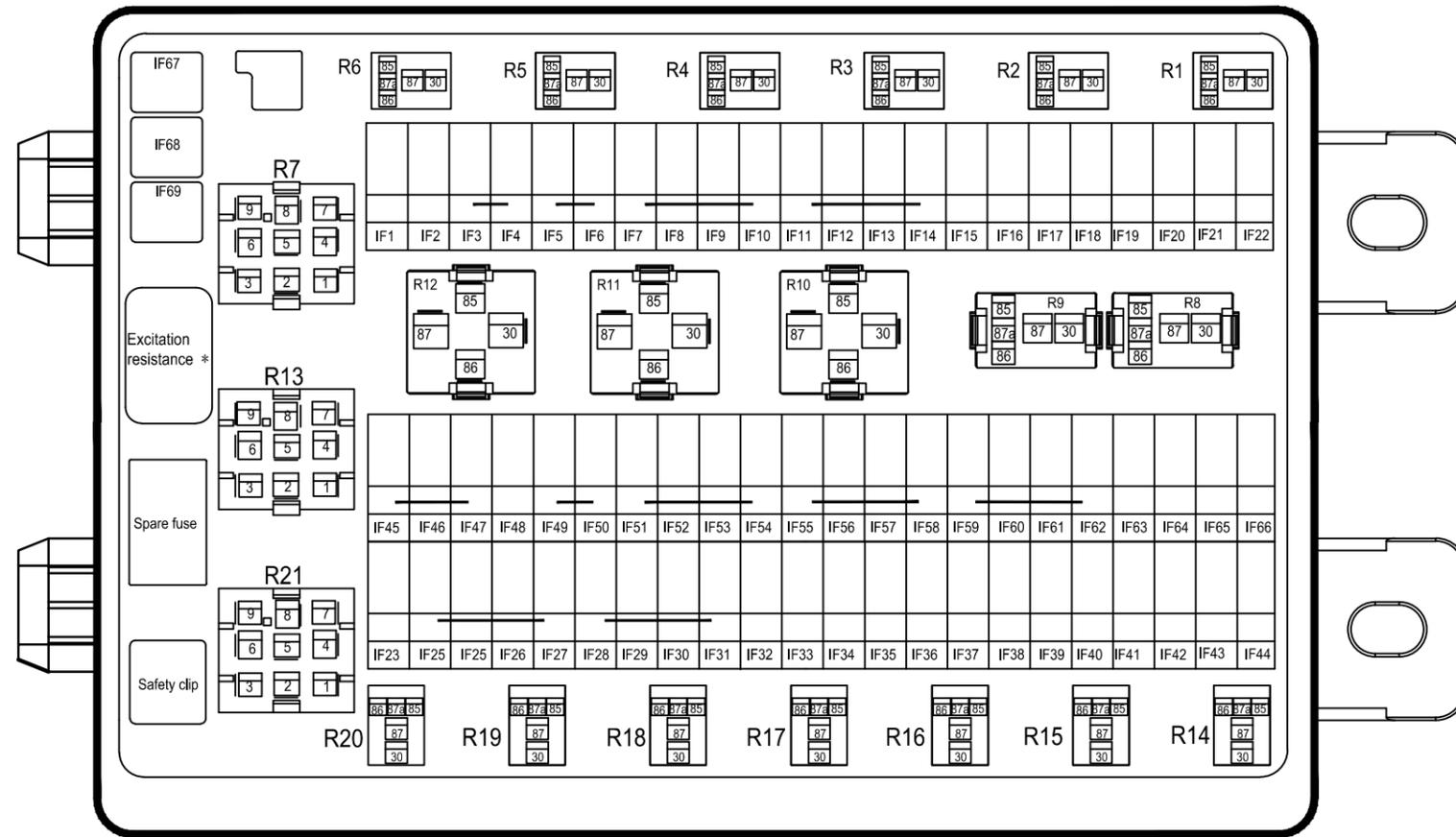


5. DC charging base



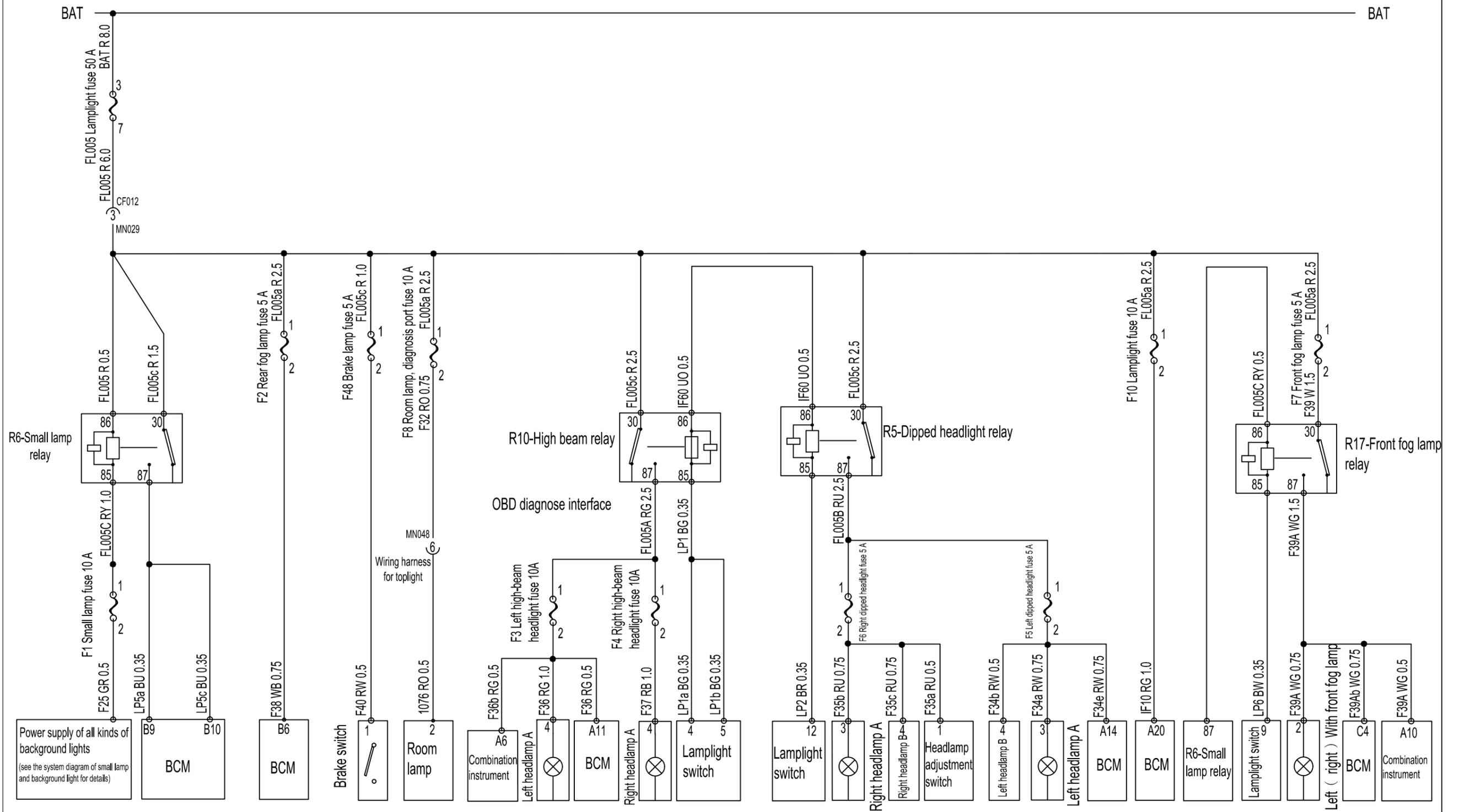
Corresponding table of wiring relationship		
EVS-4-250D9-GS	1-2177053-3	Description
Line number	PIN	Line number
/	1	
A+	2	0.75mm2, Red
A-	3	0.75mm2, Black
/	4	
/	5	
CC2	6	0.75mm2, Yellow
/	7	
S+	8	0.75mm2, Brown
S-	9	0.75mm2, Green
/	10	
T1+	11	0.75mm2, Blue
T1-	12	0.75mm2, Blue
/	13	
T2+	14	0.75mm2, White
T2-	15	0.75mm2, White
/	16	

Cab fuse box

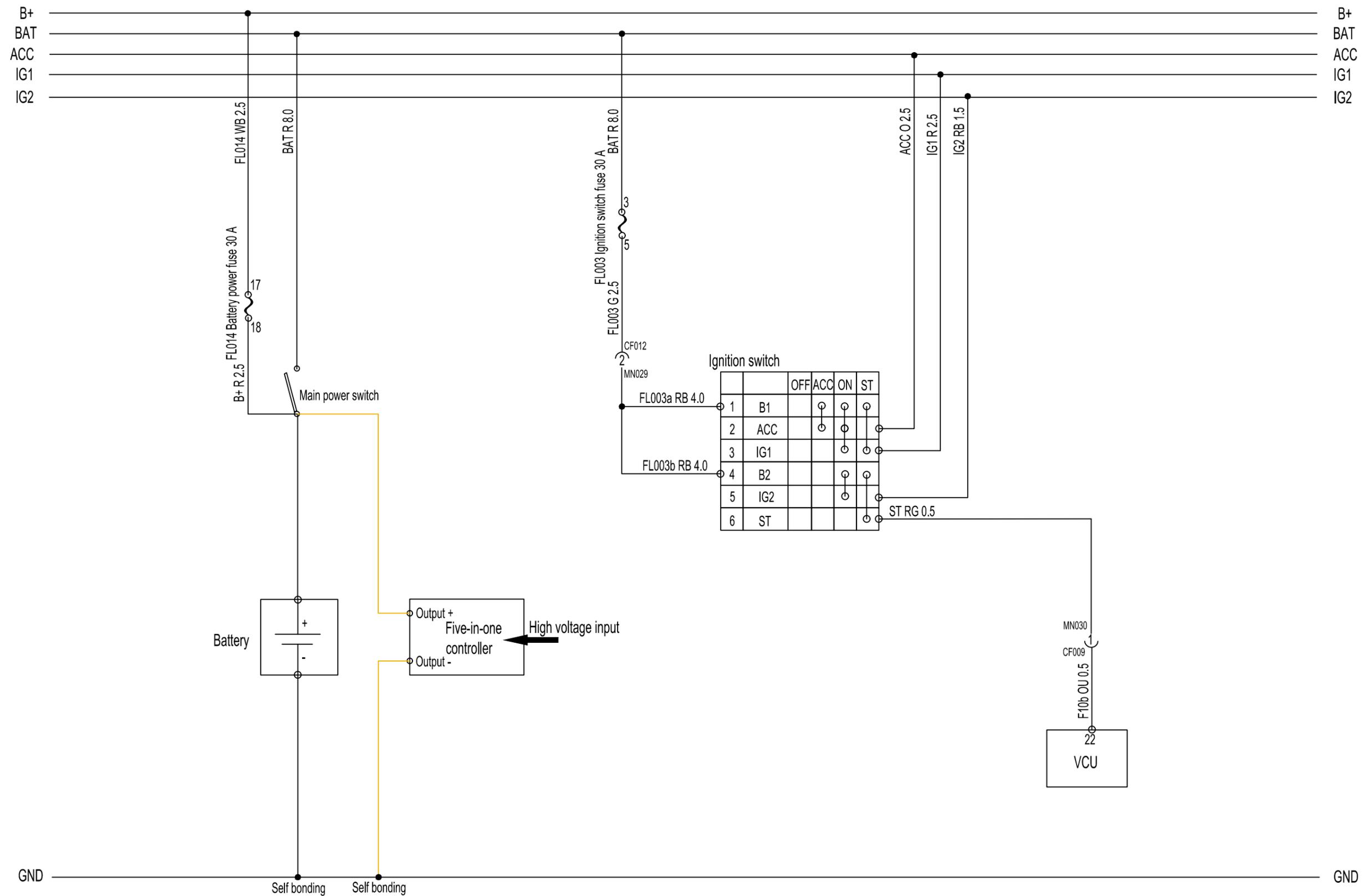


Code name	Function
R5	Lower beam relay
R6	Small lamp relay
R7	Relay of wiper motor
R10	High beam relay
R12	Blower relay
R13	Heating relay of rearview mirror
R17	Front fog lamp relay
R18	Horn relay
R21	Relay of rear fog lamp

5. Power-supply distribution (V)

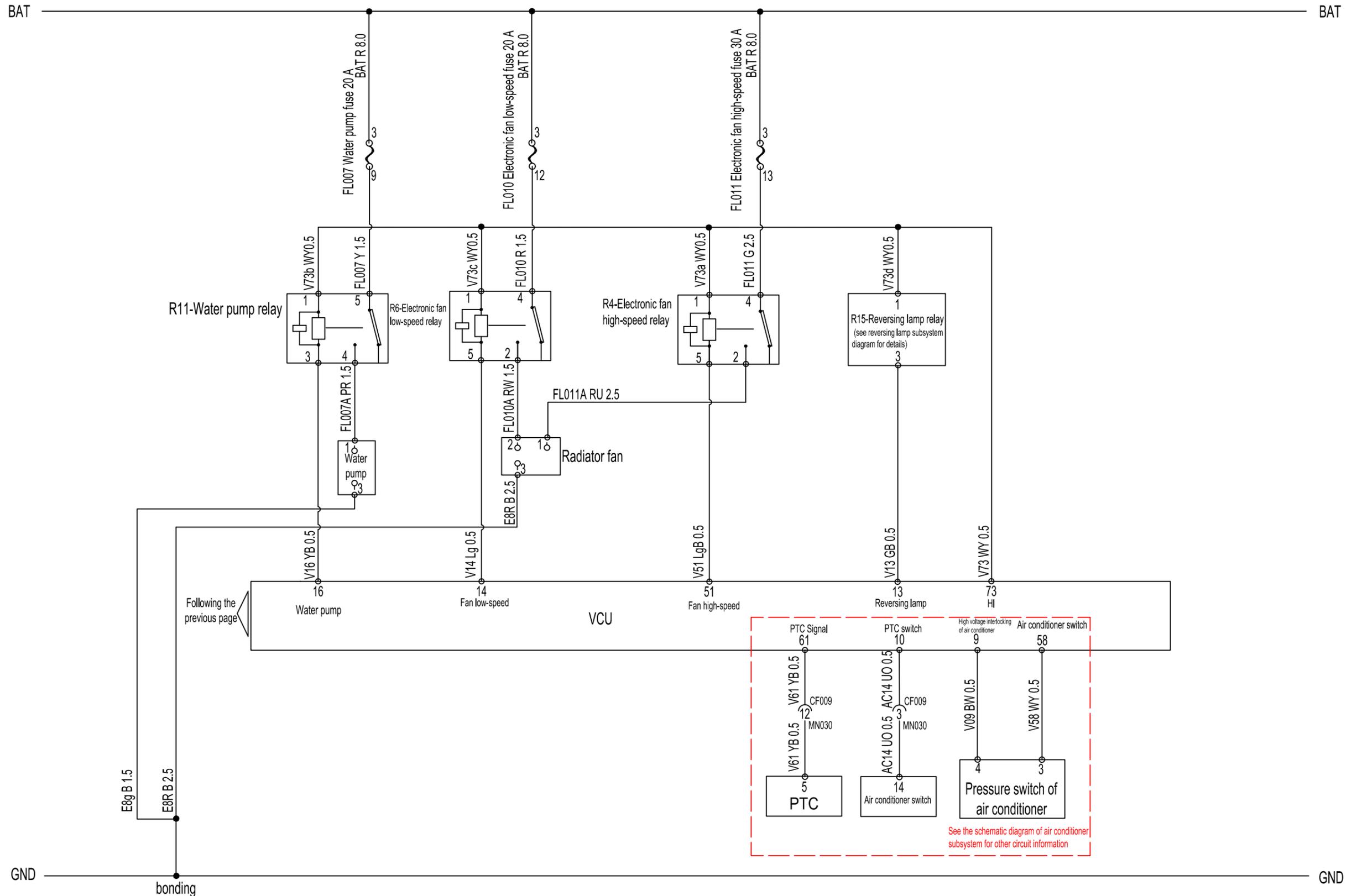


1. Power supply, charging system

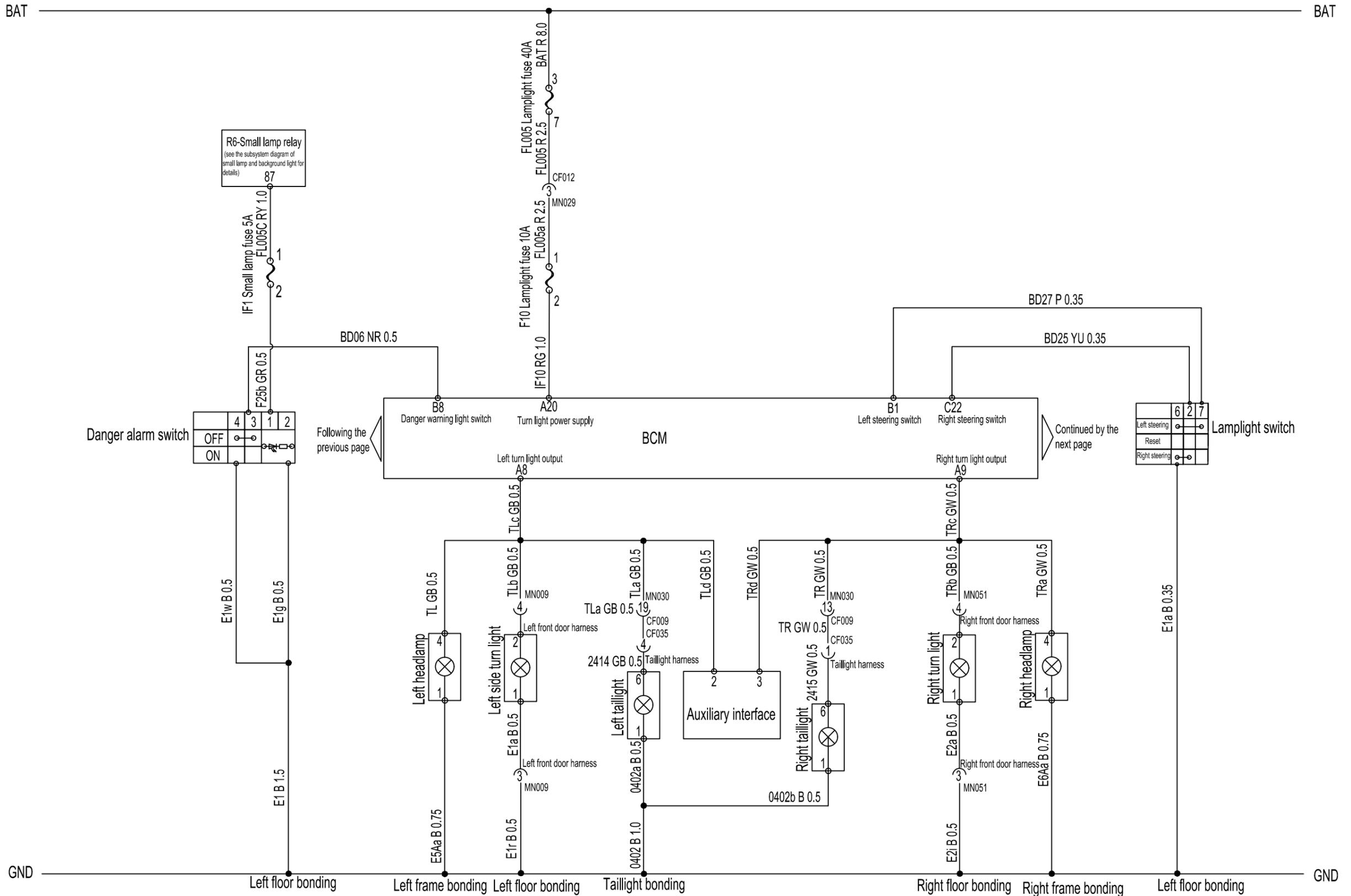


2. VCU system

2.3. Control signals (water pump, fan, reversing lamp, air conditioner signal)



10. BCM system
10.2. Steering, alarm light



17. Combination instrument system

