

Electrical

12V Batteries

- **WARNING:** The correct and safe operation of driver assistance and vehicle autonomy features is dependent on the 12V batteries. It is critical that the 12V batteries in the vehicle are replaced **ONLY** with identical parts or parts that are approved by Lucid. Failure to do so could put safety of the vehicle and occupants at risk.
- **CAUTION:** Your vehicle is equipped with two 12V batteries. Due to the location of the batteries, it is recommended that replacement of the batteries is only carried out by a Lucid Service Center.

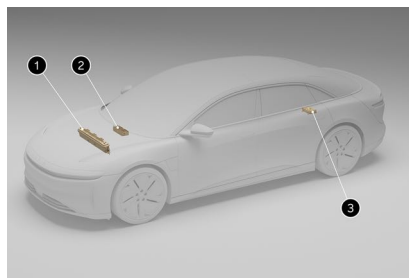
Light Source Replacement

Note: There are no user-serviceable or replaceable bulbs installed on your vehicle.

All the exterior and interior lighting modules use LED technology in place of traditional filament bulbs. If a lighting module fails to operate, please contact a **Lucid Service Center** to have it replaced.

Fuse Box Locations

There are three fuse boxes in your vehicle: one under the hood, one in the cabin, and one in the trunk.



1. Front power distribution fuse box
2. Cabin fuse box
3. Rear power distribution fuse box

Replacing a Fuse

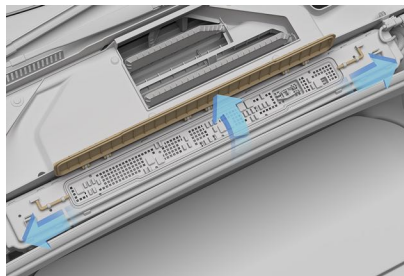
- **WARNING:** Make sure the vehicle is powered off and unplugged from the charger before changing a fuse.
- **WARNING:** Only use Lucid-approved replacement fuses of the same rating and type, or fuses of matching specification. Using an incorrect fuse may result in damage to the vehicle's electrical system and can result in a fire.
- **CAUTION:** If the replacement fuse blows after installation, the system should be checked by Lucid.

Your vehicle uses a number of fuses to protect the electrical system from damage caused by short circuiting or overloading. Fuses are a one-time protection device and must be replaced each time the corresponding circuit is overloaded.

Using the fuse information shown on the following pages, identify the fuse protecting the affected circuit. Use the fuse puller within the fuse box to remove the required fuse.

A break in the wire inside the fuse indicates that the fuse has blown. Always replace a fuse with one of equal current and voltage rating.

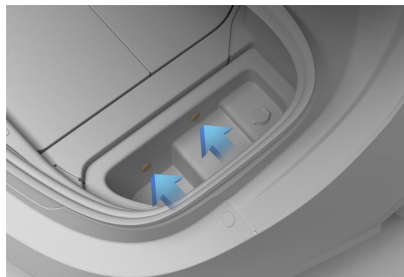
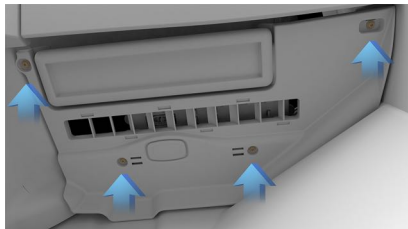
Front fuse box



Pull back the fastener on the sides of the fuse box to release the cover and open.

Cabin fuse box

The cabin fuse box is located in the front passenger's footwell.

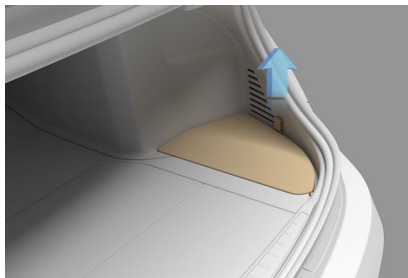


Remove the four star screws securing the close-out panel in place. Lower the panel to access the fuse box.

- **CAUTION:** Take care when lowering the trim panel as the air distribution outlet for the passenger footwell and the footwell lamp are secured to the reverse side of the panel.

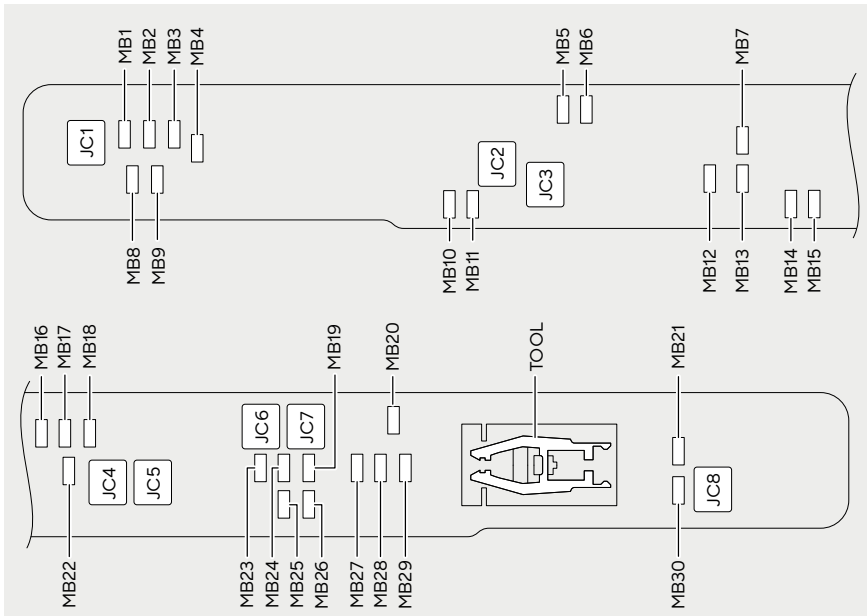
Rear fuse box

Remove the right-hand floor panel.



Remove the two push pins securing the under-floor storage box in place. Remove the storage box to access the rear fuse box.

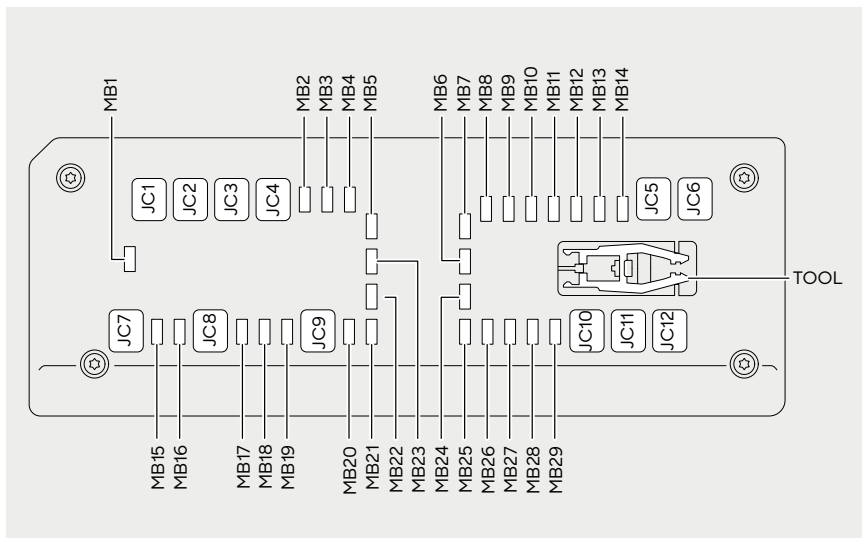
Front Fuse Box



Micro2 Blade Fuse	Rating (A)	Usage
MB1	5	Short Range Radar Enable
MB2	5	Cabin Coolant Valve
MB5	5	Lidar
MB4	5	Powertrain Coolant Valve
MB5	20	Cabin Coolant Pump
MB6	20	Battery Coolant Pump
MB7	20	Front Powertrain Coolant Pump
MB8	10	Vehicle Control Unit
MB9	5	AC Compressor
MB10	10	Right Rear Gateway
MB11	20	Right Headlight
MB12	20	Rear Powertrain Coolant Pump
MB15	20	Not Applicable
MB14	7.5	Quiescent Power Input
MB15	20	Front Motor Control Unit
MB16	15	Body Control Module
MB17	5	Vehicle Control Unit Quiescent Power

Micro2 Blade Fuse	Rating (A)	Usage
MB18	5	Body Control Module Quiescent Power
MB19	5	Onboard Charger
MB20	5	HVAC Heater
MB21	15	Body Control Module
MB22	5	Telematics Control Unit Quiescent Power
MB23	5	Battery Pack Controller
MB24	5	Pedestrian Warning System
MB25	5	Radiator Grill Shutter
MB26	5	Homelink
MB27	10	Left Rear Gateway
MB28	5	Battery Chiller Expansion Valve
MB29	5	Not Applicable
MB30	20	Left Headlight
Low-Profile JCase Fuse	Rating (A)	Usage
JC1	40	Intelligent Booster Unit (IBU)
JC2	20	Vehicle Control Unit
JC3	30	Left Front Window Motor
JC4	20	Frunk Actuators
JC5	30	Right Front Window Motor
JC6	40	HVAC Blower Left
JC7	40	HVAC Blower Right
JC8	60	Vehicle Dynamics Controller (VDC)/Electronic Stability Program (ESP)

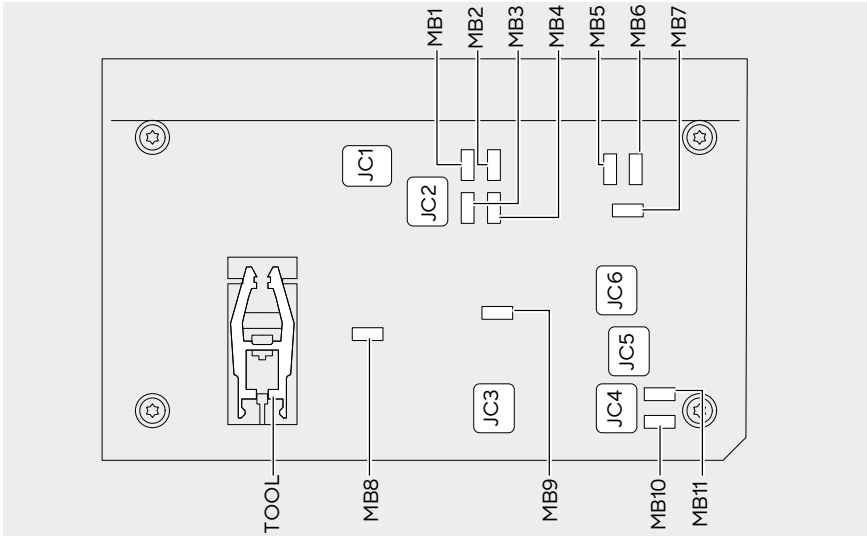
Cabin Fuse Box



Micro2 Blade Fuse	Rating (A)	Usage
MB1	10	Not Applicable
MB2	15	Left Front Door Control Module and Door Handle
MB5	5	Driver Monitoring System
MB4	5	Restraint Control Module (Airbag Module)
MB5	5	Passenger Seat Controller
MB6	5	Rear Solar Sensor
MB7	5	Instrument Cluster Controller and Center Console Controller
MB8	5	Not Applicable
MB9	5	Rear HVAC Control Display
MB10	20	Trunk 12V Outlet
MB11	15	Left and Center Cluster Display
MB12	5	Interior Radar and Intrusion Detection Sensor
MB15	15	Left Rear Door Control Module and Door Handle
MB14	10	Driver Seat Massage Motors
MB15	10	Passenger Seat Massage Motors
MB16	15	Right Front Door Control Module and Door Handle
MB17	5	Tire Pressure Monitoring System (TPMS)
MB18	15	Right Cluster Display and Center Information Display
MB19	20	Steering Column Adjuster

Micro2 Blade Fuse	Rating (A)	Usage
MB20	5	Occupant Classification System
MB21	5	Rear View Mirror
MB22	5	Driver Seat Controller
MB23	5	Steering Column Control Module
MB24	5	Parking Control Unit
MB25	5	Wireless Charging Pad
MB26	5	Access Control Module
MB27	15	HVAC Controller
MB28	15	Right Rear Door Control Module and Door Handle
MB29	10	USB Modules Front and Rear
Low-Profile JCase Fuse	Rating (A)	Usage
JC1	30	Not Applicable
JC2	30	Left Rear Door Window Motor
JC3	40	Left Cooling Fan
JC4	25	Passenger Seat Heater and Ventilation
JC5	30	Not Applicable
JC6	30	Passanger Seat Adjust
JC7	30	Right Rear Door Window Motor
JC8	40	Right Cooling Fan
JC9	25	Driver Seat Heater and Ventilation
JC10	30	Not Applicable
JC11	30	Not Applicable
JC12	30	Driver Seat Adjust

Rear Fuse Box



Micro2 Blade Fuse	Rating (A)	Usage
MB1	10	Not Applicable
MB2	10	Not Applicable
MB3	10	Not Applicable
MB4	10	Not Applicable
MB5	10	Telematics Control Unit
MB6	10	Not Applicable
MB7	10	Not Applicable
MB8	20	Suspension Control Unit
MB9	5	Not Applicable
MB10	5	Not Applicable
MB11	20	Rear Motor Control Unit

Low-Profile JCase Fuse	Rating (A)	Usage
JC1	30	Not Applicable
JC2	40	Not Applicable
JC3	30	Not Applicable
JC4	30	Decklid Actuators
JC5	25	Not Applicable

Low-Profile JCase Fuse	Rating (A)	Usage
JC6	25	Not Applicable