

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.

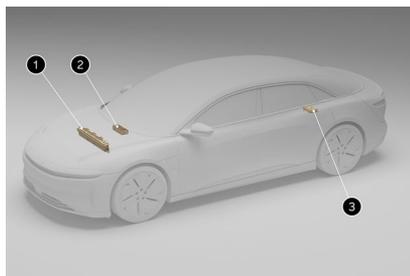
Light Source Replacement

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

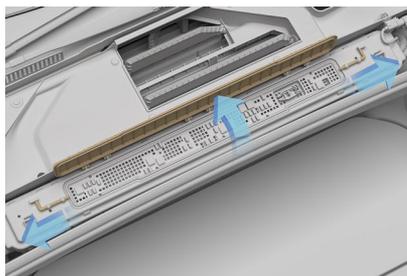
- **WARNING:** Make sure the vehicle is powered off and unplugged from the charger before changing a fuse.
- **WARNING:** Only use Lucid-approved replacement fuses of the same rating and type, or fuses of matching specification. Using an incorrect fuse may result in damage to the vehicle's electrical 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.

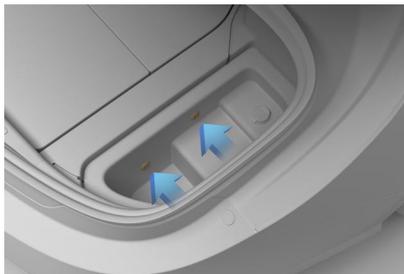
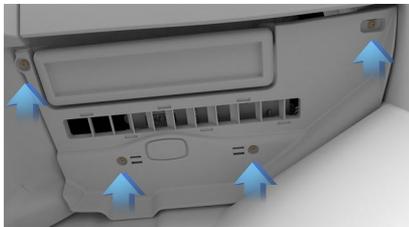
Front fuse box



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.

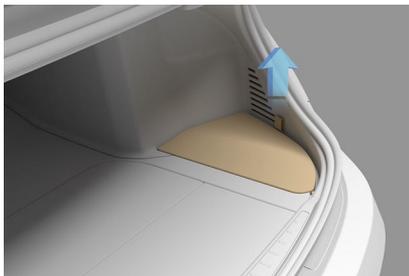


Remove the four star screws securing the close-out panel in place. Lower the panel to access the fuse box.

- **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.

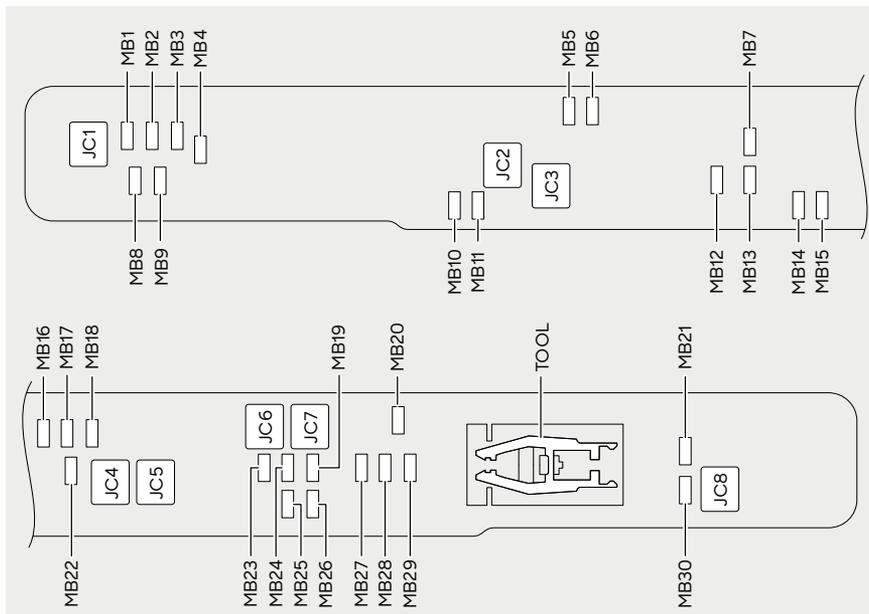
Rear fuse box

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.

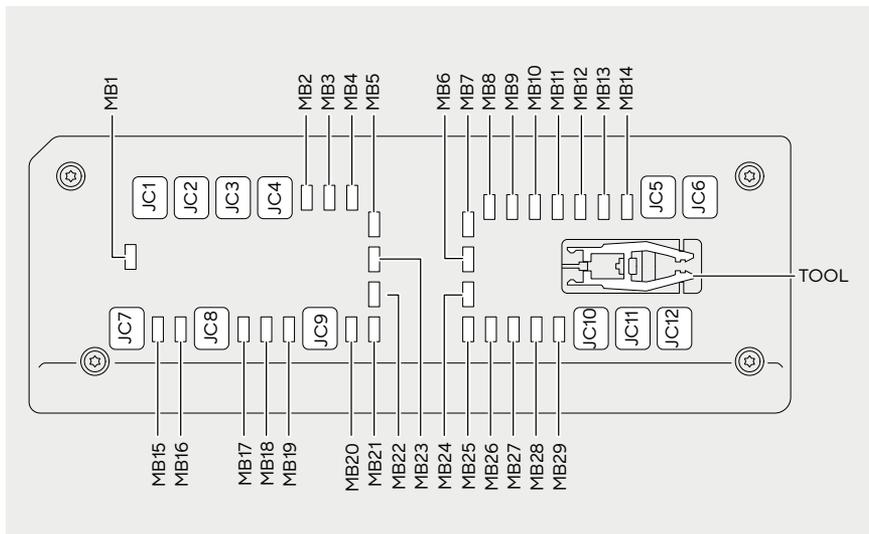
Front Fuse Box



| 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 |
| MB25 | 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 |
| MB50 | 20 | Left Headlight |
| Low-Profile JCase Fuse | Rating (A) | Usage |
| JC1 | 40 | Intelligent Booster Unit (IBU) |
| JC2 | 20 | Vehicle Control Unit |
| JC5 | 50 | Left Front Window Motor |
| JC4 | 20 | Frunk Actuators |
| JC5 | 50 | Right Front Window Motor |
| JC6 | 40 | HVAC Blower Left |
| JC7 | 40 | HVAC Blower Right |
| JC8 | 60 | Vehicle Dynamics Controller (VDC)/Electronic Stability Program (ESP) |

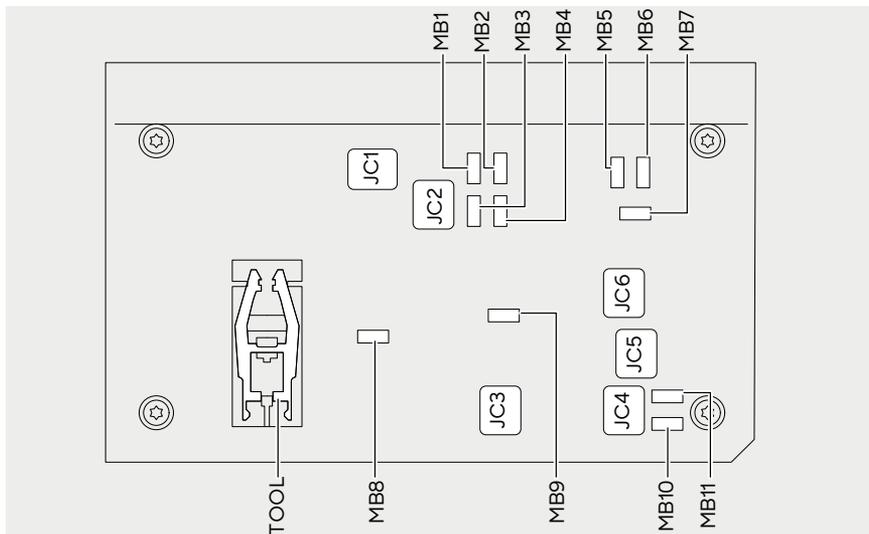
Cabin Fuse Box



| 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 | 50 | Not Applicable |
| JC2 | 50 | Left Rear Door Window Motor |
| JC3 | 40 | Left Cooling Fan |
| JC4 | 25 | Passenger Seat Heater and Ventilation |
| JC5 | 50 | Not Applicable |
| JC6 | 50 | Passanger Seat Adjust |
| JC7 | 50 | Right Rear Door Window Motor |
| JC8 | 40 | Right Cooling Fan |
| JC9 | 25 | Driver Seat Heater and Ventilation |
| JC10 | 50 | Not Applicable |
| JC11 | 50 | Not Applicable |
| JC12 | 50 | Driver Seat Adjust |

Rear Fuse Box



| Micro2 Blade Fuse | Rating (A) | Usage |
|-------------------|------------|-------------------------|
| MB1 | 10 | Not Applicable |
| MB2 | 10 | Not Applicable |
| MB5 | 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 | 50 | Not Applicable |
| JC2 | 40 | Not Applicable |
| JC5 | 50 | Not Applicable |
| JC4 | 50 | Decklid Actuators |
| JC5 | 25 | Not Applicable |

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