Towing Guide
2022.41.4

LUCID
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Towing Guide

This version (2022.41.4) of the Towing Guide supersedes all previous versions of this document. This guide provides information on transporting Lucid vehicles.

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## Vehicle Towing and Recovery Methods

### WARNING
Attaching chains or hooks directly to vehicle components is not approved by Lucid and may result in vehicle damage. Lucid will not warrant nor be held liable for damage caused by attaching hooks, chains, or straps directly to vehicle components.

Lucid recommends these vehicle recovery methods:

<table>
<thead>
<tr>
<th>Method</th>
<th>Description</th>
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<tr>
<td><strong>1. High-Speed Dolly</strong></td>
<td>High-speed dolly systems support the vehicle’s rear wheels, while a tow vehicle supports the front wheels. <strong>This is Lucid’s preferred recovery option.</strong>&lt;br&gt;Always follow recovery equipment’s manufacturer instructions for use.</td>
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<tr>
<td><strong>2. Self-Loading Recovery Dolly</strong></td>
<td>Self-loading dolly systems allow winching a vehicle onto a flatbed carrier or rollback tow truck. They incorporate an attachment point for the winch cable directly to the dollies. Use this method when wheels are locked (e.g., due to power loss). Self-loading dollies support all wheels during winching to reduce the risk of vehicle damage.&lt;br&gt;Always follow recovery equipment’s manufacturer instructions for use.&lt;br&gt;Make sure to secure the vehicle onto the bed as per the dolly’s manufacturer instructions, with the vehicle remaining on the dollies.&lt;br&gt;See detailed instructions under <strong>Securing the Vehicle for Transport</strong> on page 10.</td>
</tr>
<tr>
<td><strong>3. Tow Eye</strong></td>
<td>The tow eye can only be used at the front of the vehicle but has load limitations (13.9kN/ 1426kg/ 3100lbs) with vertical and horizontal angular limitations for the operation of the winch cable relative to the towing eye attachment location.&lt;br&gt;<strong>Before use, carefully review the instructions under Tow Eye Method on page 7</strong> and consider these limits before using the tow eye.</td>
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Transporting the Vehicle

WARNING If the high-voltage battery pack has been damaged, punctured, or compromised, further flexing or structural twisting of the vehicle could lead to thermal runaway, fire, or re-ignition of the high-voltage battery pack. If you know or suspect that the high-voltage battery pack has been severely damaged, do not move the vehicle unless it is necessary for safety reasons to do so, and contact Lucid Customer Care.

NOTE: All four wheels must remain off the ground when towing or transporting the vehicle.

DO NOT TOW THE VEHICLE WITH ANY OF ITS WHEELS ON THE GROUND.

WARNING Towing the vehicle with the wheels on the ground may cause serious damage to the vehicle.
Preparing the Vehicle for Transportation

**WARNING** The high-voltage battery pack can ignite or re-ignite after an incident if the structure of the battery has been damaged as a result of an accident. Store the vehicle a minimum of 50 ft / 15 m from other vehicles, structures, and flammable materials for a minimum of 24 hours, and monitor vehicle temperatures with a thermal imaging camera.

**WARNING** The vehicle is equipped with high-voltage components that may be compromised as a result of a collision. It is important to assume these components are energized. Always follow high-voltage safety precautions until emergency response professionals have evaluated the vehicle and can confirm that all high-voltage systems have been disabled. Failure to do so may result in serious injury or death.

**WARNING** Lack of engine sounds does not mean the vehicle is off. Silent movement or instant restart capabilities exist until the vehicle is fully shut down. Wear appropriate PPE.

**Note:** The vehicle automatically engages the electronic parking brake when the driver’s door opens. If vehicle electrical systems are not functioning and/or the electronic parking brake cannot be disengaged, use a combination of jack/dollies or tire skates under rear wheels to prevent vehicle damage.

**Pushing the Vehicle**

In situations where there is minimal risk of fire or high-voltage exposure (for example, the vehicle does not accelerate after stopping at an intersection) and 12V power is present, the Lucid Air can be pushed to clear the roadway. If a driver is present, shift the Lucid Air into Neutral (N), and push the vehicle. If a driver is not present, the Lucid Air may shift into Park (P) when it detects the driver leaving the vehicle, even if it has previously been shifted into N.

Lucid recommends using only the A and B pillars when pushing by hand, with the windows in the down position.

**Note:** Body damage will likely occur if the pushing recommendation is not followed. Lucid will not warranty nor be held liable for issues that may result from failure to follow these instructions.

**Note:** Lucid Air must detect a key in the vehicle, and low-voltage power is required to shift the vehicle into Neutral (N).

**Note:** The touchscreen is unresponsive if the Lucid Air has no low-voltage power. Chock the wheels. Then, use an external, low-voltage power source to supply power and shift into Neutral (N). **Once in N, the external power source must be disconnected before moving the vehicle.** When using this method, the vehicle will be free rolling until the external power is reconnected and the vehicle is shifted into the Park (P) position.

See detailed instructions under **Connecting External 12-Volt Power** on page 10.
Immobilize the Vehicle

1. Before starting any recovery operation, immobilize the vehicle by installing wheel chocks to prevent roll-away.

2. Apply the Electronic Parking Brake (EPB) by pressing the button on the end of the right-hand mode selector stalk.

3. If lifting is required, ensure the vehicle has been immobilized in the previous steps.

4. When lifting the vehicle, use the provided jack points indicated in the image. Do not lift the vehicle under the battery pack location, illustrated by the orange shaded area in the adjacent image.

Approved lifting points

High-voltage battery pack
Tow Eye Method

WARNING Use the tow eye only for loading and unloading the vehicle to/from tow trucks or transports. Under no circumstances should the vehicle be towed by another vehicle along the road using the vehicle tow eye. Doing so can lead to sudden tow eye detachment, which may lead to vehicle damage, injury, or death.

WARNING The tow eye should not be used in situations where the winch cable load will exceed 13.9kN/1426kg/3100lbs. Exceeding these limits may cause failure of the tow eye, which may lead to damage, serious injury, or death.

The vehicle includes a vehicle tow eye in the trunk under the right-hand side access panel.

Opening the Trunk

Note: If the vehicle’s low-voltage power has been disabled, it is necessary to connect an external 12-volt power source to access the tow eye before proceeding. See the instructions under the section titled Connecting External 12-Volt Power on page 10.

Option 1:
From the large center touchscreen, touch the ‘Openings’ icon at the top. Then touch the Trunk Open icon on the lower right of the touchscreen.

Option 2:
1. Push the trunk release button located above the rear license plate area.

Continued on next page
2. Open the trunk and remove the tow eye from under the right-side trunk floor panel.

3. If an external power source was used to access the trunk, remove the power source, and secure the wiring before moving the vehicle to avoid damage.

Installing the Tow Eye

**WARNING** Improper tow eye installation could result in the tow eye detaching suddenly during vehicle winching. This may cause significant vehicle damage and could result in injury or death to anyone nearby.

1. The attachment point is located on the front of the vehicle towards the left side. Release the rubber cover from the attachment point between the front grille.

Continued on next page
2. Position the tow eye through the bumper and rotate it clockwise into the attachment point on the body until it is fully seated. The tow eye should be parallel to the ground as shown in the image to the right.

3. Attach the winch cable to the tow eye. **The pull angles must not exceed 5 degrees from center either up or down and must not exceed 25 degrees from center either left or right.** See the illustrations and warnings below.

![Illustration of pull angles](image)

**WARNING** Do not use the vehicle tow eye if the pull angle is greater than 5 degrees vertically from eye-center either up or down. Exceeding these limits may cause tow eye detachment that could result in injury or death.

**WARNING** Do not use the vehicle tow eye if the pull angle is greater than 25 degrees horizontally from eye-center to either side. Exceeding these limits may cause tow eye detachment that could result in injury or death.

4. Place the vehicle in Neutral (N) by pressing and holding halfway down on the mode selector stalk while holding the brake pedal. The vehicle must always be placed in Neutral with all brakes disengaged. Wheels must be able to move freely. **Do not winch the vehicle while the parking brake or the brake pedal is applied. Never drag the vehicle along the ground, as this may exceed the maximum towing line force.** If wheels cannot roll freely, use a combination of jack dollies or tire skates.

5. Winch the vehicle slowly onto the trailer or transporter. Avoid shock loading. **Ensure the winch cable line load does not exceed 13.9kN/ 1426kg/ 3100lbs.**
WARNING Do not allow anyone to stand or walk behind the vehicle during winching operations. In the event of winch/cable or tow eye failure, vehicle may roll backwards unexpectedly. This could cause serious injury or death.

6. Once the vehicle is loaded, immobilize it by placing the vehicle in Park (P).

7. After using the tow eye, store it back in the trunk and install the rubber cover on the attachment point. Proceed with securing the vehicle for transport.

Securing the Vehicle for Transport

WARNING Attaching straps to the chassis, suspension, or other parts of the body may damage the vehicle.

When the vehicle is in position on the transporter or trailer, use chocks and tie-down straps to secure the wheels.

To avoid damage:

- Ensure that the metal parts on the tie-down straps do not come in contact with the vehicle’s painted surfaces or the face of any wheels.
- Do not place straps over or through the vehicle’s body panels.

Connecting External 12-Volt Power

WARNING Do not connect a battery charger to the jumper wires. This will exceed the maximum allowable electrical ratings of 12-14.4 Volts 50 Amps. Damage to the ECUs will result. Do not use 12-volt jumper leads for charging the 12-volt batteries. They are only intended for opening a car when the low-voltage system is depleted.

WARNING While external power source is connected, ensure positive (+ red) and negative (- black) leads do not come in contact with each other. This could cause sparks or damage the external power source. Refer to the external power source manufacturer’s instructions for use.

Note: Use a 12-volt jumper pack or equivalent. Do not use “Boost” or “Starting” modes as these may exceed the electrical specifications of the vehicle jumper connection (12-14.4 Volts 50 Amps Max).

Note: Lucid will not warranty nor be held liable for issues that may result from failure to follow these instructions.
1. Jumper leads are located under the wheel well liner just aft of the right rear wheel. Using a tool such as a flathead screwdriver, carefully remove the 2 lower pop clips. Pull the wheel liner out far enough to expose the jumper leads.

2. To extend the leads from the wheel well area, carefully remove the jumper lead retainer clips (indicated by yellow arrows in the image) using a tool such as a flathead screwdriver. Route the black lead back through the retainer loop (indicated by the blue arrow in the image). Once the leads are free, they can be extended beyond the wheel to connect to the external power source. The red lead should be connected before the black lead.

3. Remove external power source and re-secure wires before moving vehicle. **Failure to disconnect an external 12V system prior to continuing tow activities can lead to serious vehicle damage.**

**For Additional Information:**

Towing providers with questions should call 888-99-LUCID (888-995-8243).