


Lucid Group Inc.

Suspension Replacement Post-Accident	Date: 09/29/23
Model: Lucid Air	Region: All Regions

Suspension Replacement Post-Accident

Lucid Motors requires examining all suspension components* in the area of impact during the repair planning process at a Lucid Service Center or Lucid Certified Body Repair Shop.

Lucid Motors ***prohibits*** using used or reconditioned parts when repairing any vehicle steering or suspension components during the collision repair.

 **Note:** Only Lucid-certified technicians should inspect and replace parts, following Lucid-approved procedures.

* Lucid Motors requires that suspension components have matching revisions on replaced parts, irrespective of whether both sides are being replaced. If the current revision is unavailable, both must be replaced due to design upgrades.

Vehicles with Exterior Panel (Superficial Damage) damage but no damage to the wheel or tire:

Perform a four-wheel alignment check. If the alignment shows any outside of normal tolerances:

1. Inspect all suspension items in the impact area and replace them as needed.
2. If any of the damaged components identified are Hub Assembly, Front Knuckle, or Front Camber Link; Lucid Motors **requires** replacing all suspension components in the area of impact.

Vehicles with damage to the wheel and crash structure (underlying vehicle structure under exterior panels):

1. If the wheel has fractured, or a suspension arm has broken, causing damage to the vehicle's structure; Lucid Motors **requires** all suspension components replaced in the area of impact, including the steering rack assembly. Energy transfer through the broken suspension components can damage the internal workings of the Steering Rack assembly.
2. Damage to the tie rod ends in an accident where the suspension and the wheel are damaged. Lucid Motors requires replacing the steering rack assembly.
3. The Steering rack assembly (aside from tie rod ends) is not serviceable. There is no approved method to inspect the internal working of the steering gear after an accident. In the event of a damaged suspension, combined with a fractured wheel assembly, the steering rack replacement is required.
4. Perform a four-wheel alignment check.

Vehicles with more than 60K miles (96K kilometers), and all suspension items at the point of impact being replaced:

- Lucid requires replacing the opposing side suspension components due to bushing and bearing wear. This action will ensure that the vehicle is aligned correctly and that the steering suspension will perform as designed.