

Truck Bed Installation Guide

General installation guidance for dealers and professional upfitters. Designed as a clean reference for safe, consistent installs and better warranty documentation.

Professional installation required

LegendX truck beds should be installed by qualified personnel using proper lifting equipment and safe shop practices. Because chassis configurations vary by OEM and model year, the installer is responsible for confirming fitment, clearances, and compliance with the vehicle manufacturer's body builder guidance.

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1. Before You Begin

Before placing the bed on the chassis, confirm the key fitment and job details below to prevent rework, delays, and installation issues.

- Verify **cab-to-axle (CA)**, wheelbase, and frame width match the ordered bed configuration.
- Inspect the chassis frame rails for damage, corrosion, or prior modifications.
- Confirm required clearances for tires, suspension travel, fuel tank, DEF system, exhaust, and wiring routes.
- Inspect the shipment and verify all ordered options are present.
- Record the **bed serial number** on the job file before installation.
- Confirm customer-ordered accessories such as toolboxes, headache rack options, lighting upgrades, or hitch components.

2. Safety Requirements

- Installation must be performed by trained professionals.
- Use proper PPE, including safety glasses, gloves, hearing protection, and appropriate footwear.
- Use a forklift, crane, or lifting system rated for the bed weight.
- Work on level ground and use wheel chocks, jack stands, or a lift correctly.
- Disconnect battery power before beginning electrical work.
- Do not cut, drill, weld, or alter the chassis frame unless the OEM explicitly permits it.

3. Recommended Tools and Materials

Typical tools and materials may include the following. Actual requirements can vary by bed and chassis combination.

- SAE and metric wrench/socket sets
- Impact wrench or ratchet
- Torque wrench capable of required fastener ranges
- Measuring tape and marking tools
- Drill and drill bits when OEM guidance permits drilling
- Jack and jack stands or vehicle lift
- Approved lifting straps, chains, or rigging hardware
- Electrical tools including crimpers, heat shrink, test light, or multimeter
- Hardware kit, mounting components, spacers, and isolators as required

4. General Installation Process

Use the following sequence as a general installation reference. Always adjust as needed for the chassis, ordered options, and approved mounting method.

4.1 Prepare the Chassis

- Remove the OEM bed when applicable using OEM-approved procedures.
- Clean the top of the frame rails and remove debris or material that could affect mounting.
- Review the mounting zones and identify chassis-specific clearance concerns before lifting the bed into place.

4.2 Lift and Position the Bed

- Attach lifting equipment to approved lift points.
- Confirm the bed is balanced before raising it.
- Position the bed slowly over the chassis while maintaining safe clearance to the cab and chassis components.
- Set the bed onto temporary supports or alignment points as needed.
- Verify the bed is centered, square, and properly spaced from the cab.

4.3 Mount the Bed to the Frame

- Align the bed and mounting points before installing hardware.
- Use correct fastener grades, washers, and any required clamping or bracket components.
- Tighten hardware in stages, alternating sides to keep the bed aligned.
- Final-torque all fasteners to the appropriate specification for the hardware kit or approved install standard.
- Verify that no structural or mounting component contacts fuel, DEF, exhaust, or suspension-related components.

4.4 Fuel Filler and DEF Considerations

- Route filler necks and vent lines with smooth bends.
- Avoid kinks, pinch points, and abrasion areas.
- Secure all lines properly and keep them away from heat and moving components.
- Verify DEF access remains usable and clearly identified.

4.5 Electrical and Lighting

- Keep battery power disconnected until installation is ready for final testing.
- Use approved harnesses or adapters whenever available.
- Protect wiring with loom and secure all runs away from sharp edges, heat, and pinch points.
- Seal or weatherproof all connections.
- Test all lighting functions before delivery, including tail, brake, turn, reverse, marker, and license plate lighting where equipped.

4.6 Accessories and Options

- Install all ordered accessories according to their intended mounting method.
- Confirm latch operation, door clearances, and weather seal contact.
- Route wiring for added lights, cameras, or powered accessories cleanly and fuse them appropriately.

5. Final Inspection Before Delivery

Before the vehicle leaves the shop, complete the checks below and document the install clearly.

- Re-check all bed-to-frame fasteners
- Confirm final torque on mounting hardware
- Verify tire and suspension clearances
- Confirm there are no rattles, rub points, or visible interference concerns
- Test all lighting and electrical functions
- Mark critical fasteners for quick visual inspection when desired
- Take installation photos of mount points, wiring routes, and serial identification

Re-torque recommendation

LegendX recommends re-checking mounting fasteners after initial use and during routine service intervals. A common first re-check interval is after the first **500-1,000 miles**.

6. Warranty Documentation

For the fastest warranty review, keep the following information on file for each install.

- Bed serial number
- Installation date
- Dealer or installer name
- Photos of the installation and the issue
- Any related estimate, invoice, or supporting documentation

Early documentation helps speed review and supports accurate service decisions.

Dealer Installation Checklist

Use this page as a simple internal handoff checklist for each installation.

	Chassis fitment verified
	Bed serial number recorded
	Shipment inspected for damage before install
	Bed positioned square and level
	Mounting hardware installed and torqued correctly
	Fuel filler and vent routing checked when applicable
	Wiring secured and lighting tested
	Accessories installed and checked for proper operation
	Installation photos saved to job record
	Re-torque guidance communicated at delivery

Job Information

Dealer / Installer	
Customer	
Chassis Year / Make / Model	
VIN	
Bed Model	
Bed Serial Number	
Install Date	