



## Installation Instructions

**NOTE:** It is the responsibility of the installer to ensure the slide unit is securely fastened to a base that will provide safe and reliable operation. The many variations in usage and placements of a slide unit present specific issues to consider for safety and reliability; and the following recommendations are only intended to be general in nature to provide awareness to the installer to consider safety during installation.

### Usage

All slide units are designed for use only in static and level conditions. When installed in a vehicle, the CargoGlide unit must be closed and latched securely prior to and during any vehicle movement. The vehicle must be parked in a level position prior to unlocking and extending a slide unit or the weight of your cargo could be difficult or dangerous to move. Control Loads opening and closing slowly when loaded.

### Forces

The slide unit must be securely fastened to a base floor or other structure to resist movement. A tipping force is applied to the unit when it is extended, which is countered by the attachments at the front (cab side) and middle of the unit. Furthermore, vehicle acceleration, cornering and braking will result in additional forces affecting your cargo and the slide unit. Impacts due to dropping a load will result in temporarily higher forces seen by the fasteners and should be avoided.

### Position & Check Clearances

1. Set the CargoGlide unit into the position it will be installed in.
2. Center the CargoGlide unit between the wheel wells in the bed of the truck or van, set the CargoGlide forward toward the cab of the truck, leave at least  $\frac{1}{2}$  to 1" of space between the front wall (cab) of the truck bed and the CargoGlide.
3. Check to ensure that nothing interferes with the location and operation of the slide including clearance of the tailgate, opening or doorway edges. Allowing a small gap (at least  $\frac{1}{2}$ " ) on each side to accommodate any slide deflection due to loads and slight misalignments due to the installation itself.
4. **Prior to drilling holes** for Plus-Nut installations confirm there are no Fuel Lines or other obstructions under the vehicle bed where you plan to drill holes.

### Attachment Points

- Normally, a slide unit will have 4 to 6 points to attach to the base. A single direction slide unit must have at least the 4 rear points (2 cab end and 2 middle points) fastened and a dual direction slide must have at least 6 points (2 at both ends and 2 middle points) attached.

- **Mark the locations you will need to drill holes as indicated on the Diagrams page.**

## **Fasteners**

1. **Provided is our Plus-Nut fastening system for easy installation from the top of the vehicle bed so you don't have to crawl under your vehicle to bolt in your slide. (NOTE: Aluminum bed vehicles do not use Plus-Nut fasteners. Instead use a nut and bolt with aluminum washers and only drill a 3/8" hole for the bolt).**
2. **Typical slide unit attachment is made by use of a Plus-nut anchor, a 5/16 USS washer and 1.5" to 3" long 5/16 bolts.**
3. **Drill a 1/2" hole in each of your marked locations to accept the Plus-Nut anchor.**
4. **Move the Slide a few inches out of your way and Insert a Plus-Nut anchor into each hole.**
5. **Using the included Plus-Nut install tool (grey metal nut with no threads and gripper teeth on one end), a 2 1/2" long 5/16 bolt and a steel washer, Insert the bolt through the washer then through the smooth end of the install tool and thread into the Plus-Nut you are installing.**
6. **Using a wrench to hold the install tool in place, use another wrench or socket on an impact driver drill to tighten the bolt into the Plus-Nut. As you tighten the bolt you will feel strong resistance, then light resistance, then strong resistance again as it collapses the Plus-Nut anchor under the vehicle bed. After the Plus-Nut has been fully compressed, remove the bolt and repeat on the other Plus-Nuts you are installing.**
7. **If the Plus-Nut is at an angle making it difficult to thread the bolt in, you may be able to thread a bolt a few turns in to the Plus-Nut from underneath the vehicle and use pliers to hold it straight enough for someone inside the vehicle bed to thread their bolt a few turns through the frame from above, then remove the temporary bolt below before you finish tightening once the upper one starts to thread.**
8. **Move the Slide back in to place over the Plus-Nuts and install with a 1.5" long 5/16" bolt through a 5/16 washer then through the hole in the slide frame and into the Plus-Nut and tighten securely in each of your mounting locations.**

## **Spacers**

**Many vehicle compartments have a lip on the bottom of the bed, or angled tailgates and other obstructions above the floor level. Some CargoGlide models may have to be Spaced Up to clear the obstruction or tailgate angle during extension. Spacers can be made from many alternatives including wood, metal tubing, etc. The Spacers must be placed under all of the slide areas that normally contact the floor to provide necessary support. Optional Spacer Kits are available for most models.**

**\*CargoGlide CG1000, CG1200, CG1500 models have built in height adjusters for easy adjustment to clear various tailgate angles or other clearance issues. Simply turn the adjustment plate to reach the appropriate height. If this feature is used, add spacers to mid cross member before tightening down bolts, so the bottom frame sides remain**

straight. \*HEIGHT ADJUSTERS ARE ONLY AVAILABLE UPON REQUEST WHEN ORDERING. Not for use in aluminum bed vehicles, use full width spacers only.

## **Frame Separation**

CargoGlide slide frames can be separated to make installation and removal easier.

CG1000, CG1200, CG1500, CG1800HD, CG2200HD models you slide the top open at least 24” lift up the deck about 18” to 24 “ and move the end you are holding to your right until the roller bearing and latch pin clear the track (the distance you move to the right varies based on frame length, but is usually less than 24”). Once the bearing clears the track you can lift the top up and out then slightly to the left so the right side bearing clears the track as well. Once both bearings are clear of the track you can carry the top frame out from the bottom frame.

Reinstall in the reverse, starting at an angle inserting the right side bearing first, then lower the left side into place and straighten the frame so the top and bottom are in line and set it down on the rollers of the bottom frame, then it will slide normally.

CG2200XL, CG1500XL and DuraGlide/DualGlide models have hinged stopper flaps on the top and middle frames. To separate frames, simply open the slide all the way until it stops, then close it just enough that you can lift the hinged stoppers while holding the handle open, slide it open past the stop point, then it will continue to slide open. (Make sure someone is holding each side of the frame securely as you remove it because it’s weight will drop abruptly as the last bearing clears the track).

Reinstallation is as easy as simply sliding the frames back into place since the hinged stoppers automatically move as it passes the stop points, then gravity swings them down so the slide will not open again until you manually lift the hinged stoppers.

## **Thank you for buying CargoGlide products!**

Please let us know if you have any questions while doing the installation.

We really like to see pictures of our CargoGlide products in use. Please send a picture(s) via email to us at [sales@cargoglide.com](mailto:sales@cargoglide.com) so we can add it to our gallery of customer shots.

All the best from the CargoGlide crew!

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