

# CargoBuckle® G2

RETRACTABLE Tie-Down System

Product	Breaking Strength	Safe Working Load
F15131 - Standard	5,000 lbs./pair (2,268 kg)	1,667 lbs./pair (756 kg)
F15131BU - Standard Bulk	5,000 lbs./pair (2,268 kg)	1,667 lbs./pair (756 kg)
F15132 - Stainless Steel	3,000 lbs./pair (1,360 kg)	1,000 lbs./pair (454 kg)
F15132BU - Stainless Steel Bulk	3,000 lbs./pair (1,360 kg)	1,000 lbs./pair (454 kg)

Patent No. 5,282,706 Patents Pending

## INSTALLATION TO TRAILER FRAME:

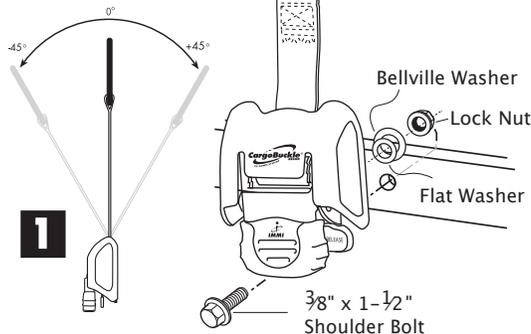
### 1. Determine best location on trailer for mounting.

**CAUTION:** Before drilling hole, contact your trailer manufacturer to ensure of proper and safe mounting locations for your trailer.

Locate mounting position where the web angle exiting the CargoBuckle does not exceed +/- 45 degrees forward or back.

**Do not mount CargoBuckle in a flat horizontal position.**

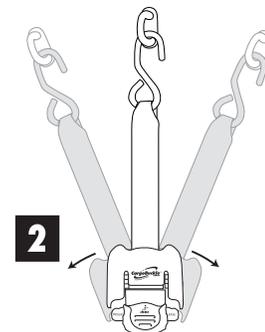
Attach CargoBuckle to the trailer as shown in figure 1 using the Shoulder Bolt, Washer, Belleville Washer, and Lock Nut in the sequence illustrated. Rotational and fixed mounting options are available. See figure 2.



### 2. ROTATIONAL:

Drill 3/8" hole in trailer frame. The CargoBuckle can be rotated left or right after mounting when using the 3/8" mounting hole and the hardware is placed in the sequence illustrated.

**FIXED:** Drill a 7/16" hole for fixed mounting as shown in figure 1.



## CAUTIONS:

- Before drilling mounting hole, contact your trailer manufacturer to ensure safe and proper mounting locations on trailer members.
- Before mounting, be sure the tie-down point is at least 22" from the mounting hole on the CargoBuckle retractor frame. Do not use CargoBuckle otherwise. Failure to do so may not enable the CargoBuckle to fully lock or ratchet tight.
- Mount CargoBuckle in such a manner that you do not exceed the +/- 45-degree forward or back angle as noted in installation instructions. Failure to do so could cause damage to web, CargoBuckle, or trailer frame, lessening the tie-down's rated capacity.
- Do not mount the CargoBuckle in a flat/horizontal position. Mounting in this position could cause inertial release of the strap and cargo if a sharp suspension rebound occurs.
- Do not over tighten shoulder bolt. Over tightening bolt could damage trailer frame or the CargoBuckle frame. Maximum recommended torque is 45-ft. lbs.
- The CargoBuckle will remain in free-spool mode allowing web to retract or extend and will not secure cargo until the ratchet handle is fully engaged (lifted) to tighten strap. Pull on web to make sure strap is in a locked position.
- When ratcheting handle, do not over tighten. Over tightening web could exert too much leverage, potentially damaging the mounting point. Use only the buckle for tightening. If an extra lever is used, damage to the load, tie-down and possible injury to the user may result.
- Check tightness of the strap after driving a short distance (not to exceed three miles) and tighten if necessary. Often a load will settle down onto a trailer after it is in motion, which will permit slack to develop on the tie-down. Check anchor points and tightness of strap every 20-30 miles and adjust as required.
- Care must be taken to keep web from coming in contact with sharp or abrasive edges that could cut or wear web.
- Periodic inspection of this tie-down must be made to ensure that the hardware is not damaged or the webbing cut or frayed. If such a condition exists, replace the tie-down at once.
- This tie-down should only be used for its intended purpose. Any other use can be dangerous.
- Safe working load is 1/3 of the product's rated capacity. Do not exceed safe working load for this tie-down.

**CargoBuckle®**  
TIE-DOWN SYSTEMS  
BRAND

**IMMI**  
**Outdoor**  
**Division**  
Bringing Safety to People™

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Engineered, Designed & Tested in the U.S.A. Made in Taiwan.

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