

The Backbone[®]

Safety Bar for Reach Trucks and Standup Counterbalance Trucks

Installation Instructions

Please read these instructions and view the online video before proceeding with installation.

The Backbone kit includes:

- One (1) Backbone Safety Bar.
- One (1) cushion pad with three (3) fastening straps.
- One (1) hardware installation kit (in the plastic bag).
- One (1) removable foam spacer with dimensions 1" x 1" x 2" (in the plastic bag).
- This set of instructions.

To perform the installation you will need:

- Your Personal Protective Equipment.
- A power drill.
- A half (1/2) inch drill bit and pilot drill bit.
- A center punch.
- A pencil or scribing tool.
- A five-sixteenth (5/16) inch hex or Allen key.

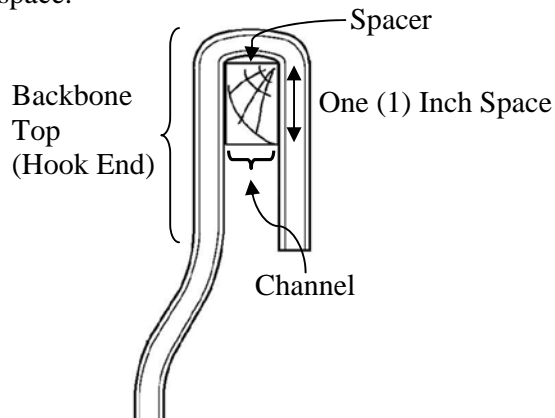
Note: Some models of truck will require you to tap the bolt holes. This occurs where you cannot access the inside of the truck body to fasten the nuts for the bolts. In this case you will need a half (1/2) inch tap.

Safety first!

- Park the truck on a no-slip, level surface.
- Shut down the truck and remove the key.
- Disconnect the battery and perform all other lock out procedures.
- Secure the work area to prevent other workers from entering.

Installation Instructions:

- 1) Place the removable foam spacer into the channel of the hook end of the Backbone to create a one (1) inch space.



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- 2) Gently hang the top (hook end) of the Backbone by the hook over the overhead guard.
- 3) The bottom (flat end) of the Backbone should sit flush against the outside of the truck body. There may be a small gap, but this will disappear when you bolt the Backbone to the truck body. DO NOT affix the Backbone to the inside of the truck body, as this will weaken the protective capability of the safety bar.
- 4) Position the Backbone on the truck so that it sits behind the operator. You will be drilling into the truck body so you may need to offset the Backbone to avoid drilling into vital truck components.
- 5) Once you have positioned the Backbone where you want to install it, mark holes on the truck body where you intend to drill.
- 6) Double-check to ensure you are not drilling into truck components. Reposition the Backbone if necessary.
- 7) Center punch your guide holes.
- 8) Remove the Backbone to drill half (1/2) inch holes into the truck body.
- 9) If you can't access the inside wall of the truck body to attach the nuts, tap the holes.
- 10) When you have finished drilling (and tapping if required), remount the Backbone.
- 11) Fasten the unit with the two (2) half (1/2) inch bolts provided.
- 12) Tighten the bolt at the top that holds the Backbone against the overhead guard. DO NOT drill into the overhead guard! The Backbone is held snugly against the guard by pressure alone.
- 13) Fasten the cushion pad with the straps provided.
- 14) Remove the spacer from the hook end of the Backbone.

The installation is complete.

To view a video of these instructions visit: <http://www.lakeportmetalcraft.com>

For technical assistance telephone or email:

1-855-272-1445

support@lakeportmetalcraft.com

The Backbone® Safety Bar for Reach Trucks
conforms with the relevant standards ANSI B56.1 Sections 7.29 and 7.30.

If you require the engineering test results for The Backbone, contact
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<http://www.lakeportmetalcraft.com>

Thank you for purchasing

The Backbone®

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