

Lightning Bolt Lock Pin Installation on Box Truck

1 Installing the Lightning Bolt Lock Pin



Description

A patent pending innovation from Thunderbolt Locks, Inc.

2 Installation Kit Available



Description

Included in the installation kit are the following items: Tap is a 3/4 - 24 Left Hand Thread, 1/8" Starter bit, 3/16" Pilot bit, 11/16" Step Bit, Automatic Center Punch, and a Sturdy Zippered Tool Bag. Kit is sold separately.

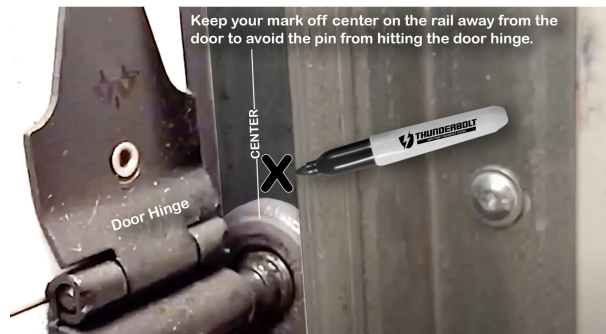
3 Pick a Side for the Installation



Description

Select an unobstructed side of the truck to install the Lock Pin.

4 Mark Location for Pin



Description

With help from a friend, ensure the door is fully closed, and the handle is latched and locked. Locate a spot about 1/4" above a roller wheel that is just off-center and away from the door to ensure the hinge will not obstruct the pin after completion.

5 Look for Obstructions



Description

Ensure there are no obstructions on the truck's exterior for where you marked the interior spot. There needs to be ample room for where you will eventually be installing the Anchor part.

6 Center Punch



Description

Using a center punch, make an indentation. A drill tends to "wander" if it does not start in an indentation. A center punch forms a large enough dimple to "guide" the tip of the drill.

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7 Pilot Drill Bit



Description

Drill a pilot hole using a small 1/8" drill bit, then drill a larger hole using a longer 3/16" drill bit to drill to the outside of the truck box. A 6" long drill bit should accomplish the task. Always drill level and straight holes.

8 11/16" Hole From Outside of Truck



Description

Next, use a step-bit to open the drilled hole to a larger hole that is 11/16". Do not make the hole larger than 11/16" as it needs to fit the tap and anchor.

9 1/2" Hole From Outside of Truck



Description

On the truck's interior, use a step-bit to open the hole in the rail to a 1/2"; this will fit the diameter of the pin.

10 Tapping the Exterior Hole



Description

Using a LEFT-hand TAP (3/4 24), tap the outside hole. We suggest using a tap handle or an impact gun (in reverse) with a 13mm, 12-point socket to hold the tap.

11 Tapping In & Out Slowly



Description

Since it is a left-hand tap, you must tap in reverse slowly and stay level. It may help on thicker walls to move the tap in and out as you proceed to tap so the shavings fall out. A tiny bit of lubricant can be helpful.

12 The Threaded Hole



Description

The hole should now be threaded and ready for the Anchor to be screwed in.

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13 Insert the Anchor



Description

You can use the key tool or an 11mm hex tool to insert the Anchor. Turn the Anchor to the left to insert it. If more strength is needed, protect the key with a rag and slowly turn it with pliers.

14 The Anchor



Description

The Anchor should fit snug and as flat to the wall as possible.

15 Insert the Pin



Description

From outside the truck and with the door shut completely, insert the pin into the hole and turn it by hand to the left to tighten it. All the Lightning Bolt parts are reverse threads, so you must turn to the left to tighten and turn to the right to loosen.

16 Unobstructed Pin



Description

The pin should be unobstructed on the interior after being inserted. If needed, the pin can be cut down to shorten it as long as it rests over the roller wheel to prevent the door from rising.

17 Lock the Pin in Place



Description

Using your Key Tool lock the pin in place and you are finished.

18 You're done...Great Job!



Description

Be sure to keep the Key Tool in a safe place or on your truck's key chain. We suggest keeping the anchor lubricated periodically. Be safe!