

New Product Introduction

By

DeMore's Innovative Design, Inc.

Owned and operated by Steven A DeMore



U.S. Patent No. D675,824



Patent Pending 2017



Patent Pending 2017

Current Product

~~ Aerial Tool Bin® (ATB) ~~

***ATB *** U.S. Patent No. D675,824

New Products

~~ Bucket Truck Tool Bin™ (BTTB) ~~

~~ Ladder Tool Bin™ (LTB) ~~

***BTTB *** Patent Pending 2017

***LTB *** Patent Pending 2017

“Necessity is the Mother of Invention”

~ Plato ~

“Take your tools to a new height”

~ Steven A DeMore ~

The **TOOL BIN MAN™**

- **Mission Statement:** “DeMore’s Innovative Design’s (DID) goal is to help as many workers as we can, to improve on efficiency, accident prevention, job & body stress in the construction & maintenance world, while helping their employers meet overall project and financial goals”.
- Our products were designed to do exactly what we describe above. The ergonomic Bucket Truck Tool Bin™ (BTTB) (for exterior mounting on bucket trucks in the Utility, cable and Telecommunications industry) is designed to keep hand tools and supplies organized and within a worker’s reach. The product was created out of a real need for increased efficiency, safety... and to reduce injury and back strain caused by constant bending to retrieve tools and supplies from boxes or buckets typically placed dangerously on the floor.
- The ergonomic Ladder Tool Bin™ (LTB) was another classic ‘born out of necessity product’ also designed to keep hand tools and supplies organized and within a worker’s reach; used on most fiberglass step ladders and some wood step ladders. Steven DeMore was tired of always having to come down multiple times off his step ladder to pick up the next tool from a table or bucket on the floor or taking a chance that his paint can would be knocked over while painting; that’s when he decided to create his handy Ladder Tool Bin™. (Steven states) “While working on step ladders you’ll never totally eliminate having to chase for additional tools; but when you do the Ladder Tool Bin™ will provide a place to corral them when needed for those repeated tasks”.
- DeMore’s Innovative Design, Inc. has been designing and producing ergonomic solutions for the construction worksite for years based on 34+ years of direct field experience. Headquartered in Menomonee Falls, WI. All products are currently manufactured in the USA.
- DeMore’s innovative Design, Inc has sold over 9,000 Aerial Tool Bins (our original startup product) since we launched in 2010. Web site www.aerialtoolbin.com
- The Bucket Truck Tool Bin and the Ladder Tool Bin are our latest product design’s. All three products including Steven DeMore’s newest title “The Tool Bin Man” have been branded and trademarked. Our products are made with the same materials for strength and orange in color for safety. We maintained the unique brand and style logo’s as shown here.

AERIAL TOOL BIN®

The TOOL BIN MAN™

BUCKET TRUCK TOOL BIN™

LADDER TOOL BIN™

THE PRODUCTS

Bucket Truck Tool Bin [™]

Bucket Truck Tool Bin [™] was also born out of necessity. Steven DeMore witnessed workers in the Utility, Telecommunications and Cable industry always having to bend over multiple times a day or more; to pick up the next tool needed from a bucket on the floor of the lift. He felt that the above-mentioned industries would benefit from his product and he went ahead with the design and prototyping. He plans to provide the best product for Bucket Truck users to date; with the most functional features on the market.

- Steven designed a product that he calls “Bucket Truck Tool Bin [™]”. It is an orange bin (colored for safety) that hangs conveniently over the outside of the basket on a bucket truck and holds many heavy to light tools and supplies eliminating the need to bend over to retrieve them. It is designed to organize and hold tools upright and has specially designed features that are useful to many workers in the Utility, Telecommunications and Cable industry who typically use bucket truck aerial access equipment. See the BTTB features listed below.
- The Bucket Truck Tool Bin [™] can be moved around the basket of a bucket truck typically on two or more sides of the basket as necessary.
- The original Aerial Tool Bin[®] was made of galvanized metal, now shown in plastic below. Research has shown that to replicate them in metal would be too costly for our base market.
- We mention the Aerial Tool Bin because the New Bucket Truck Tool Bin [™] consists of the original body of the original Aerial Tool Bin[®] and incorporates several accessory components to make up the Bucket Truck Tool Bin [™].
- The Aerial Tool Bin[®] is a high-density non-conductive polypropylene plastic with additives that both strengthen it and protect it from sunlight.
- It is colored orange for visibility and safety.
- The Aerial Tool Bin[®] was designed to accept accessories enabling us to provide the exterior model Bucket Truck Tool Bin [™] without redesigning the base mold, made of the same material and used by the electrical, cable and telecommunications industry.
- The BTTB design, patent and prototype are already in progress. (NO METAL COMPONENTS/ ALL NON - CONDUCTIVE).

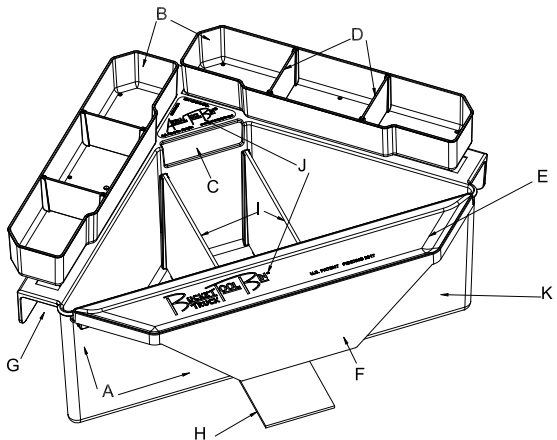
The Bucket Truck Tool Bin™

~ THE PRODUCT ~

Original Aerial Tool Bin®

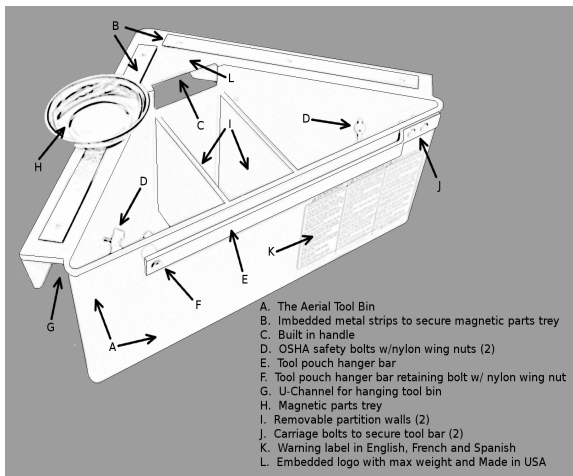


New Model Bucket Truck Tool Bin™



Element Drawing's

Original Aerial Tool Bin®



Bucket Truck Tool Bin™





THE Bucket Truck Tool Bin™



Prototype shown above

The Bucket Truck Tool Bin™ features include:

- 2-U-shaped channels on the main body ATB allow the BTTB to store on the inside of the basket if needed while the bucket truck is on the move from pole to pole or back to home base.
- Removable partition bin dividers in both the body as well as the two parts trays.
- Weep holes for drainage on both the body and the two parts trays.
- Two plastic parts trays are secured to the bin body and included two removable partitions in each tray.
- The single u-channel bracket with a parts dish for small parts uniquely designed to allow a worker to (SLID PARTS OFF THE DISH WHILE WEARING HEAVY GLOVES). The single u-channel bracket mounts with glass filled nylon bolts (for added strength) to the front; allowing for exterior mounting on the basket of a bucket truck. Works with baskets that have a secondary internal liner for the high voltage industry.
- The single L-bracket (called the leveler angle) to keep the Bucket Truck Tool Bin™ level.
- Withstands temperatures from -20°F to +120°F
- Non-conductive material construction.
- I year warranty.

Warning label below affixed to the front of each BTTB in English, French & Spanish

Warning:

1. Read & follow all warnings on this label prior to using the Bucket Truck Tool Bin...!
2. The Bucket Truck Tool Bin is intended solely to store tools & hardware associated with work that typically occurs on aerial lifts.
3. The Bucket Truck Tool Bin was designed to safely hold a maximum limit of tools & hardware. See maximum weight limit imprinted on the bin...!
4. Inspect all nylon nuts and bolts for tightness prior to using the Bucket Truck Tool Bin...! Do not over tighten...!
5. Secure the area below when using the Bucket Truck Tool Bin and all of its components...!
6. Do not stand on or in the Bucket Truck Tool Bin...!
7. Do not expose the Bucket Truck Tool Bin to temperatures exceeding 210°F...!
8. Read & follow all warning labels located on the Bucket Truck itself prior to using the Bucket Truck Tool Bin...!
9. Remove all contents in the parts dish and the parts trays before your bucket truck hits the road...!

10. ***** WORK SAFE *****

262-825-6784

www.buckettrucktoolbin.com



Ladder Tool Bin™

The Ladder Tool Bin™ was another classic “born out of necessity product”. Steven DeMore, was tired of always having to bend over to pick the next tool needed from a table or a bucket on the floor or taking a chance that his paint can would be knocked over while painting. This is how the Ladder Tool Bin came about. “You’ll never eliminate the need to chase for another tool while working on a step ladder, Steve states; but when you do you’ll have a place to corral them when needed for those repeated tasks”.

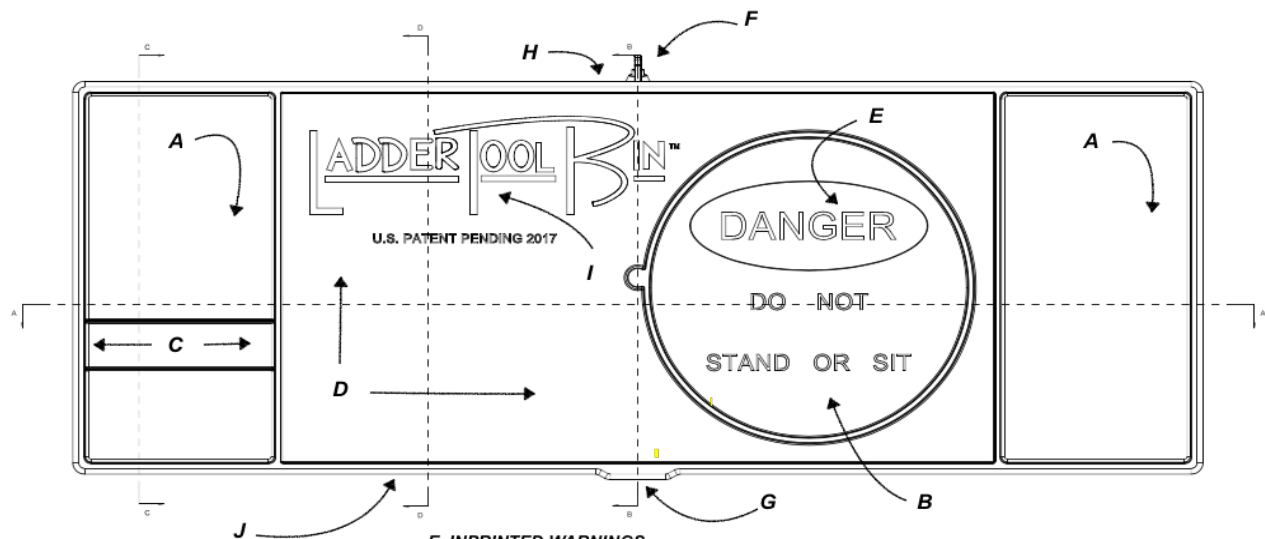
- Steven designed a product for his own use that he calls “The Ladder Tool Bin™”. It is another orange bin (colored for safety) that hangs conveniently over the top of most fiberglass and some wood step ladders, and holds a reasonable number of tools and supplies eliminating the need to run to a table or to bend over to retrieve them. It is designed to organize and hold tools upright and has specially designed features to hold a one gallon paint can in place snug enough to prevent the can from tipping over. See the LTB features listed below and note! the LTB has several warnings imbedded right into the plastic product itself.
- The Ladder Tool Bin™ can be secured to the ladder with a 9” provided safety bolt allowing the bin to stay attached to the ladder even when in the closed position; providing the tools and supplies are removed from the product. See sample warning label below in this plan...!
- The Ladder Tool Bin™ is a high-density non-conductive polypropylene plastic with additives that both strengthen it and protect it from sunlight.
- The Ladder Tool Bin™ is colored orange to stay in line with our brand as well as visibility and safety.

Warning label below affixed to the front of each LTB in English, French & Spanish

Warning:

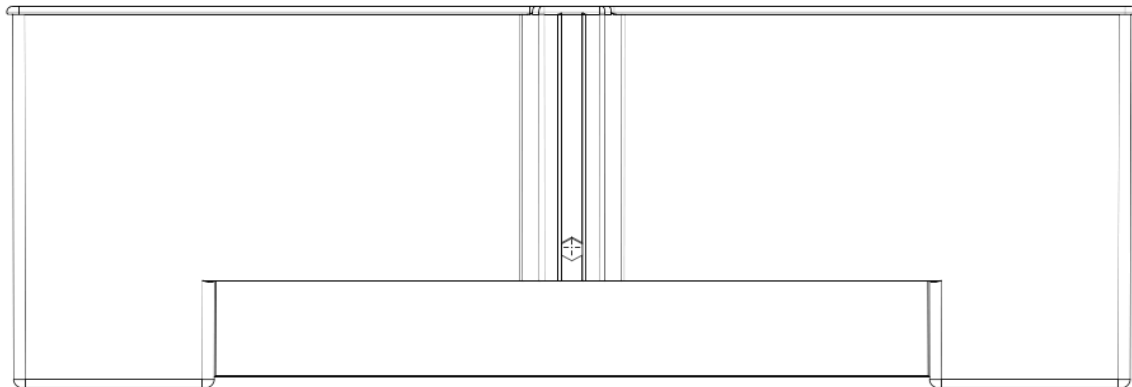
1. Always use caution when using the Ladder Tool Bin...!
2. The Ladder Tool Bin is intended solely to store (***a reasonable amount of***) tools & hardware associated with work that typically occurs on fiberglass step ladders and some wood step ladders...! (Ladder top sizes for the Ladder Tool Bin range from 6”- 6-1/2” X 13-1/2”- 14” + or – ½”ea size range).
3. ***Warning...!*** The 9” safety bolt and nylon wing nut must be used at all times when using the Ladder Tool Bin...! (See warning on the back of the Ladder Tool Bin ***Highlighted below***)
“ Warning! Must use supplied 9”safety bolt” – “ Park here when not in use”
4. Do not close the step ladder without doing the following: Be sure the 9” safety bolt is secure in its designated location - Remove all contents in and on the Ladder Tool Bin.
5. An ***empty*** Ladder Tool Bin can remain attached to a closed ladder for storage. ***NOTE! The 9”Safety bolt must remain in its designated location for this to apply.***
6. Do not stand on or in the Ladder Tool Bin.
7. Orientation of Ladder Tool Bin is based on verbiage legibility and the handle opening facing the back of the step ladder...!
8. Thank you for putting your trust in the Tool Bin Man and choosing the Ladder Tool Bin...!

Element Drawing's



A. 2-TOOL CHAMBERS 4"x8"x8"
 B. PAINT CAN HOLDER
 C. 1"x1" DEEP TOOL STANDUP AID
 D. FLAT PARTS TRAY 1-1/2" DEEP

E. IMPRINTED WARNINGS.
 F. NYLON WING NUT FOR 9" PROVIDED SAFETY BOLT
 G. HEX HEAD RETAINER (allowing for wrench free installation of the 9" safety bolt)
 H. BUILT IN HANDLE SURROUNDED BY IMPRINTED WARNINGS.
 I. LADDER TOOL BIN (Logo).
 J. WARNING LABEL IN ENGLISH, FRENCH and SPANISH.





The Ladder Tool Bin™



Picture shown above is a prototype on a 4'
Fiberglass step ladder...!