

LBC-4 LocBoard™ Industrial Mobile Tool Cart Assembly

Notice: (rev. 10/07)

Read all instructions completely before beginning assembly. Should you have any questions or to report missing parts please call Triton Products customer care center at 1-877-963-2990 Missing or damaged parts must be reported within 5 business days from receipt.

Inventory and inspect all components before starting assembly (Use figure 1-1 page 3)

You Must Report Any Missing Parts and/or Damaged Goods within 5 Days from Receipt

Parts Inventory

- (1) Aluminum Bottom Tray
- (2) Left Hand Aluminum Corner Angle brackets
- (1) Right Hand Aluminum Corner Angle Bracket with 4 holes for handle attachment
- (1) Right Hand Aluminum Corner Angle Bracket without holes for handle attachment
- (2) Rail End Brackets interchangeable (Triangular with 4 preinstalled threaded fasteners)
- (1) Top Rail (48" Long)
- (1) Cart Handle
- (2) Fixed Casters
- (2) Swivel Casters
- (4) LocBoard Steel Pegboard w/ square holes 24" X 42.5"
- (28) 1/4"-20 X 3/4" Hex Head Bolts
- (28) 1/4" Cut Lock Washers. (For END attachment of corner angle brackets and casters.)
- (8) 1/4"-20 x 3/8" Phillips Flat head w/ Under-Hut Head. (For attachment of corner angle brackets to FRONT of bottom tray.)
- (4) 1/4"-20 x 1/2" Tapered Phillips flat head screws. (For Handle Attachment.)
- (16) 1/4" Flat Washers
- (16) 12-24X 3/4" Socket Head Cap Screws (For Attachment of LocBoards.)

Note: While attaching components it's important to remember not to fully tighten any bolt until system is fully assembled. Freedom of movement will allow for proper alignment between bolts and their associated preinstalled threaded fasteners. Tapered Flat head screws with under-cut head used for attachment of corner angle brackets on the FRONT edge will be tightened just before installation of LocBoards.

For assembly purposes, the END will always be the narrowest dimension of the cart.

Assembly:

1. Locate the (4) Corner angle brackets. Using Parts Call-Out figure 1-1 page 3, Identify the left from the right brackets and their top edge from their bottom edge.) The tops edge can be identified by the angle cut into each bracket and its 2 top bolt mounting holes when looking from the END view.
2. Position the bottom tray with the lip facing up and one End facing you. **Special Note: the end of the bottom tray with caster mounting holes pattern running parallel to the end lip will be the end that you will mount swivel casters and right hand angle bracket with pull handle.**
3. (Refer to Figure 2-1, 2-2 and 2-3) Note: All corner angle brackets will install outside of the bottom tray lip. Starting with a left corner angle bracket and using 1/4" hex head bolt with cut lock washer align bottom bolt hole in angle bracket with pre-installed threaded fastener on the left End of bottom tray and insert bolt with cut lock-washer and hand tighten (Do Not Tighten All The Way). From the front edge of the same angle bracket install a 1/4"-20x3/8" Phillips flat head screw with Undercut head. (Repeat step #3 for each corner bracket.)
4. (Refer to Figure 1-1, 2-1 and 2-4) Installing Top Rail: Top rail will be positioned inside both sets of installed corner angle brackets at each end. From the Front edge install 1/4"-20x3/8" tapered flat head screws with Undercut head through top counter sunk holes Front side of each corner angle bracket and into preinstalled threaded inserts in the top rail and tighten. (Repeat step #4 for all top corners angle attachments to top rail.)

5. (Refer to Figure 1-1 and 2-4) Attaching rail end bracket to top rail and Corner angle brackets; Position end bracket with taper facing up and preinstalled fasteners facing inward. (Flat surface of end bracket with the flat inside surface of angle brackets.), Slide end bracket in and behind both right and left corner angle brackets. Align the four bolt holes of each corner angle bracket with the preinstalled fasteners on rail end bracket. Install (4) ¼” hex head bolts with lock washers and tighten partially. (Repeat step #5 for opposite end.)
6. (Figure 2-1 and 2-3) Tighten all (8) ¼” tapered flat head screws on the front side used to attach corner angle brackets to top rail and bottom tray. (These will be the only screws tightened at this time. All end bolts must remain loose.)
7. (Figure 2-1) Pull handle installation: Locate the right corner angle bracket with the 4 extra fastener holes at the top. Install pull handle using ¼” tapered head bolts. (Note: Handle will be positioned at end of tool cart that swivel casters will be installed on.)
8. (Figure 1-2 AND 2-1) Installation of Casters: (Note: Bottom tray has two different bolt patterns for casters.) Swivel casters will be installed on the end of tool cart with handle and bolt patterns that are slightly inset and parallels the END section of the cart. With end of cart raised or laying on its side insert ¼” hex head bolts with cut lock washer through bottom side of caster mount plate and through holes in bottom tray, install flat washer and secure in place using ¼” hex head nut. Tighten securely after all 4 bolts have been installed. (Repeat for each caster.)
9. (Figure 2-1, 2-4, 2- and 2-7) Installation of LocBoard: **Before attaching LocBoards tighten Phillips Flat head w/ Under-Hut Head in all 4 corner angle brackets on both side of the cart** .Each LocBoard has 3 internal ribbed support brackets welded on the backside with pre-punched mounting holes. Mounting holes will be accessed from the front side through the square holes in each board. You will be using only the Top and Bottom ribbed support brackets for this installation. (Using figure 2-4, 2-6 & 2-7) Identify board top from its bottom. From the Front of the tool cart with smooth surface of LocBoard facing you, align top two mount holes (3 Rows Square hole down and 2 Rows in from each edge) with the two preinstalled fasteners on the front edge of top rail. Using an Allen wrench, insert 12-24 X ¾” socket head cap screw. **(Make sure fasteners go in straight and turn without restriction. Avoid stripping while installing. You may have to move board slightly to allow screws to turn freely.)** Tighten until screw head is just below surface of the board. Install (2) remaining bottom mounting screws in same manner. **(Keep all screws loose until finished installing all (4) LocBoards.)**

Special Note:

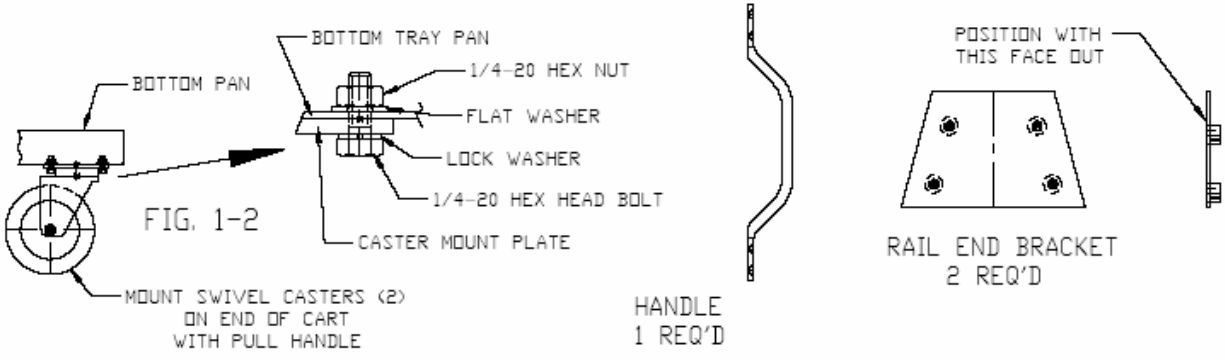
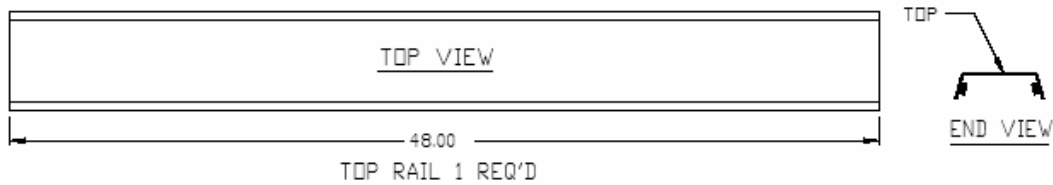
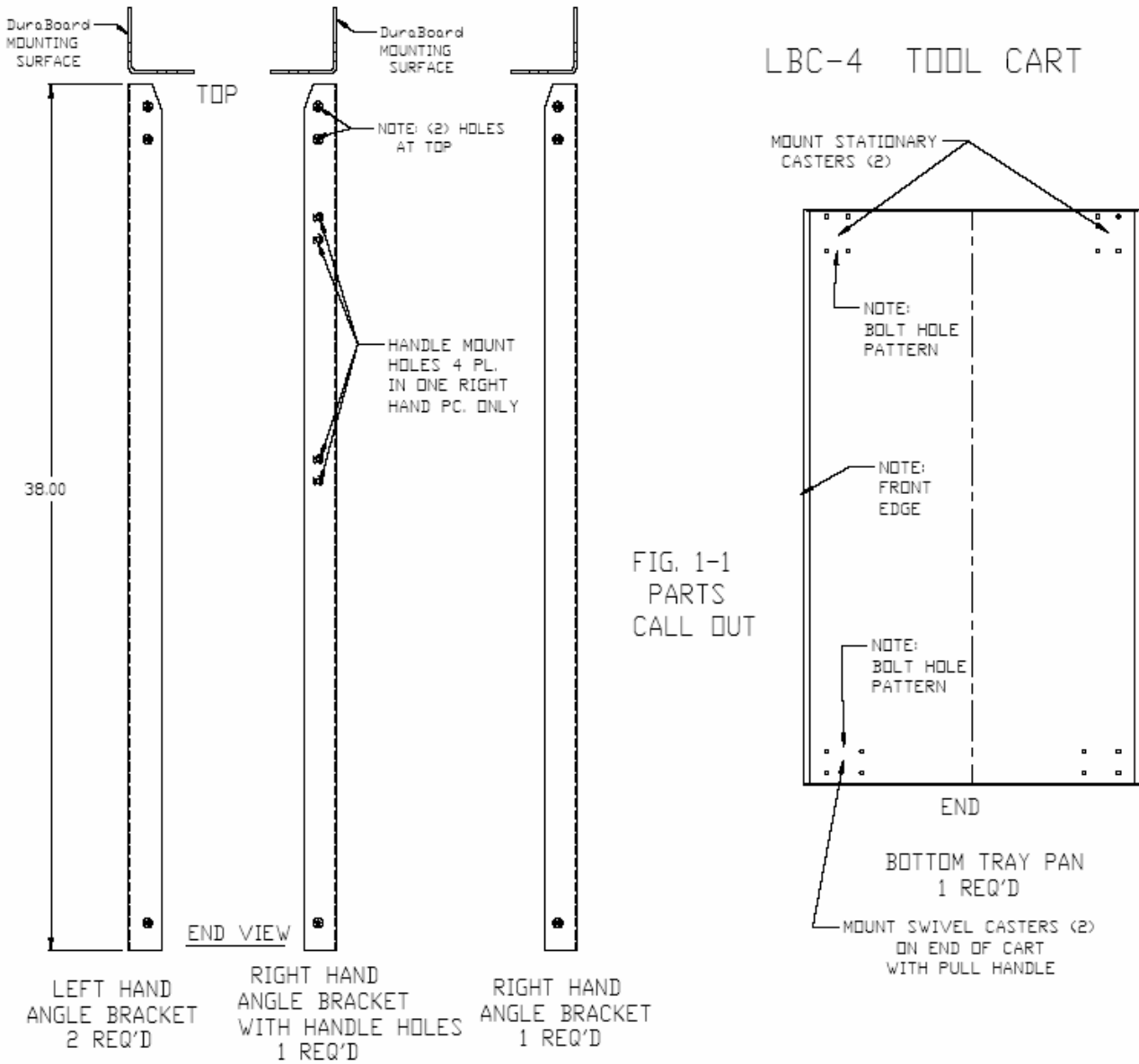
Should any of the preinstalled fasteners loosen or fall out during assembly, replace using either a ¼”- 20 or 12-24 threaded nut with lock washer in its place.

10. Once finished installing all (4) LocBoards, finish assembly by securely tightening all fasteners throughout assembled cart.

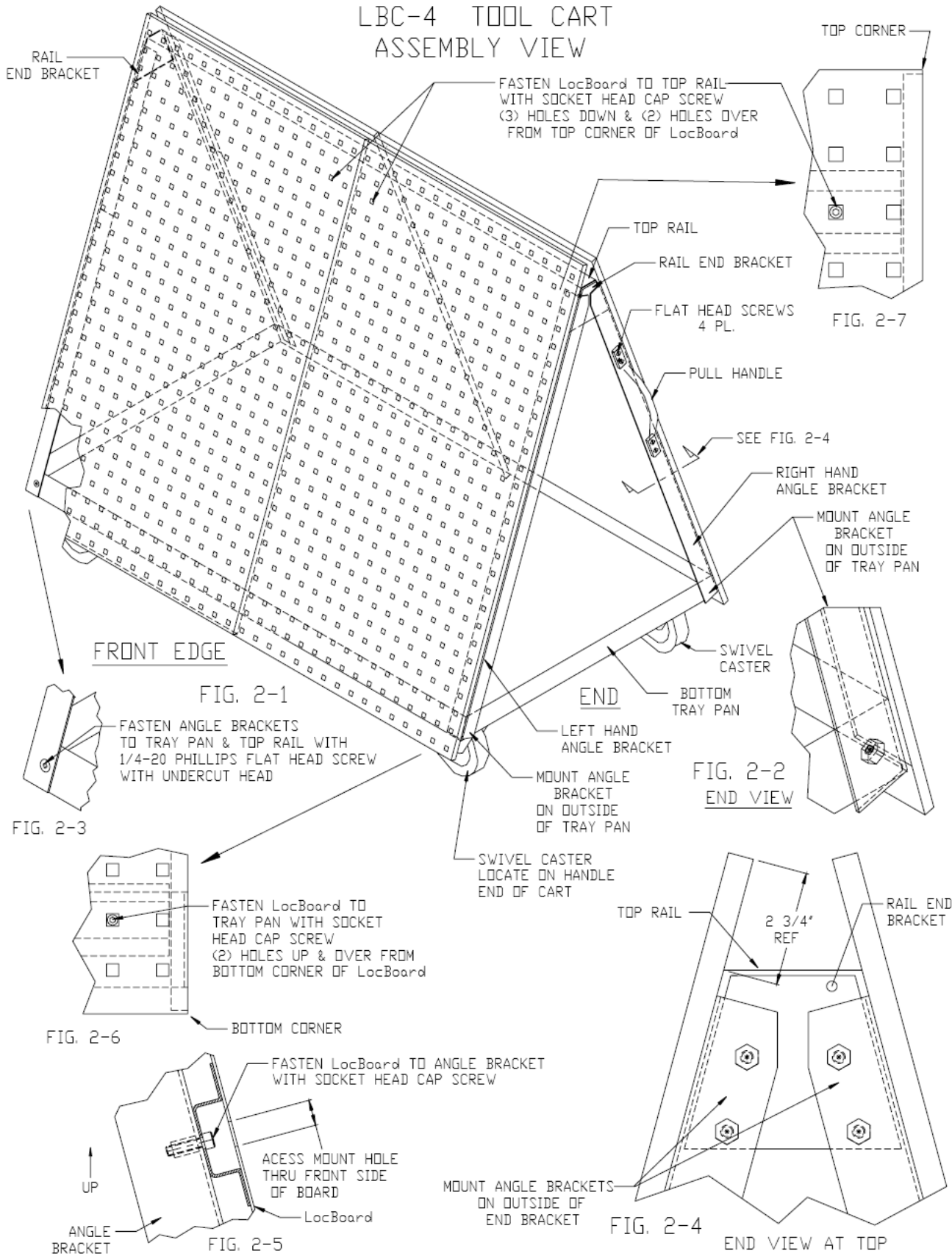
Secure storage for all items can be achieved using LocHook™ locking steel pegboard hooks.

**For all assembly questions or missing parts request please contact
Triton Products directly @ 440-248-5480**

LBC-4 TOOL CART



LBC-4 TOOL CART ASSEMBLY VIEW



RAIL
END BRACKET

TOP CORNER

FASTEN LocBoard TO TOP RAIL
WITH SOCKET HEAD CAP SCREW
(3) HOLES DOWN & (2) HOLES OVER
FROM TOP CORNER OF LocBoard

FIG. 2-7

TOP RAIL
RAIL END BRACKET
FLAT HEAD SCREWS
4 PL.

PULL HANDLE

SEE FIG. 2-4

RIGHT HAND
ANGLE BRACKET

MOUNT ANGLE
BRACKET
ON OUTSIDE
OF TRAY PAN

FRONT EDGE

FIG. 2-1

FASTEN ANGLE BRACKETS
TO TRAY PAN & TOP RAIL WITH
1/4-20 PHILLIPS FLAT HEAD SCREW
WITH UNDERCUT HEAD

FIG. 2-3

END

FIG. 2-2
END VIEW

LEFT HAND
ANGLE BRACKET

MOUNT ANGLE
BRACKET
ON OUTSIDE
OF TRAY PAN

SWIVEL CASTER
LOCATE ON HANDLE
END OF CART

FIG. 2-6

BOTTOM CORNER

FASTEN LocBoard TO
TRAY PAN WITH SOCKET
HEAD CAP SCREW
(2) HOLES UP & OVER FROM
BOTTOM CORNER OF LocBoard

FASTEN LocBoard TO ANGLE BRACKET
WITH SOCKET HEAD CAP SCREW

ACCESS MOUNT HOLE
THRU FRONT SIDE
OF BOARD

ANGLE
BRACKET

FIG. 2-5

TOP RAIL

2 3/4" REF

RAIL END
BRACKET

MOUNT ANGLE BRACKETS
ON OUTSIDE OF
END BRACKET

FIG. 2-4

END VIEW AT TOP