

27142

8 FOOT FOLD-UP TRUCK SHELF ASSEMBLY INSTRUCTIONS

PARTS LIST

<u>QTY</u>	<u>P/N</u>	<u>DESCRIPTION</u>
4	27142130	SHELF SPREADER BAR
2	9121441	3/4" -10 X 24 THREADED ROD
8	0412101	3/4"-10 HEX NUT
4	0812001	WASHER .812 I.D. X 1.47 O.D.
104	0806001	WASHER .406 I.D. X .812 O.D.
52	0706009	3/8 -16 NYLON LOCK NUTS
12	27142050	SPACER TUBE
48	0406205	3/8-16 X 2.5" HHCS BOLTS
4	0406171	3/8-16 X 2.0" HHCS BOLTS
6	27142010	ALUMINUM SHELF PANEL RIVETED ASSEMBLY
4	27142120	1-1/2" X 1- 1/2" VERTICAL LEG W/O RUBBER LATCH
2	27142120	1-1/2" X 1- 1/2" VERTICAL LEG WITH RUBBER LATCH
4	27142020	L-SHAPED BRACE
2	27142060	RT GUSSET/CROSSBAR RIVETED ASSEMBLY
2	27142070	LFT GUSSET/CROSSBAR RIVETED ASSEMBLY

TOOLS REQUIRED

9/16" BOX WRENCH

9/16" SOCKET WITH RATCHET

4 WOODEN BLOCKS

STEP LADDER

PLASTIC MALLET

1-1/8" OPEN END WRENCHES, ADJUSTABLE, OR SLIP LOCK WRENCHES

TWO STEP LADDERS OR STOOLS

SUGGESTED ASSEMBLY PROCEDURE

- 1) Two-person minimum is suggested to assemble and move the shelf units for a safe and efficient manner. Most of the assembly procedure should be conducted on a flat surface outside of the truck in an area of about 20' x20'. The assembled sections can then be moved into the truck, positioned, and secured.
- 2) Lay two L-shaped brace (27142020) pieces down on the floor parallel facing each other at a distance of approximately 8' apart. Orient the L-brace flange so that the formed side that has several smaller holes is positioned vertically. Elevate by setting up on blocks. (This will allow access for the bolts to be inserted up through the brace then through the vertical legs.)
- 3) Bridge across the two L-braces three vertical legs (27142120) with the center leg being the one with the rubber latches attached. See fig 1.
- 4) Using 3/8"x16 x2.5" long bolts, bolt up through the L-shaped bracket then up through the corresponding hole in the vertical leg. (See fig 2) Using one washer

and a nylon lock nut tighten using 9/16" wrenches. Proceed by bolting both ends to L-shaped braces.

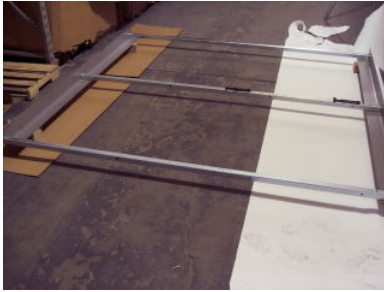


fig1

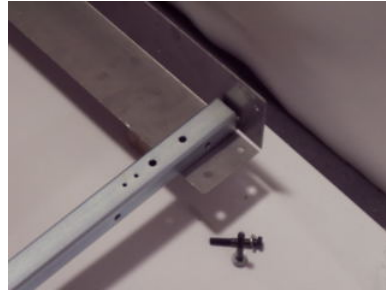


fig 2

- 5) Repeat this assembly procedure for the two remaining L-shaped braces and three vertical legs. (These subassemblies will provide vertical support for the shelves that will be attached and assembled within the truck).
- 6) Proceed by bolting the left and right gusset/crossbars (21742-060/070) to the top outermost 4 corners of both sub-assemblies (fig 3 and 4). (2" long bolts to be used vertically). The top is determined by the location of rubber latches, they are factory fastened favoring the top half of the center vertical leg. All bolts are to be inserted inward towards the center.



Fig 3

fig 4

- 7) Move both sub-assemblies "walls" into the truck. Insert jacking screw assemblies into the both 1" x1" aluminum crossbars of one wall. As shown below.



Fig 5

- 8) Thread 4 3/4-10 hex nuts on the threaded rod all the way towards the center, then slip on one .812 washer on each outer end of the four nuts. Insert each end of the jacking screw assembly into both 1" X 1" aluminum crossbars attached to the other wall. Fig 6. The two opposing walls of the shelf unit now should be linked together at the top between the crossbars. Backing away the outermost nuts from the jacking screw will push both shelf wall sections outward against the truck's walls, back out inner set of jam nuts and tighten, this will securely lock and hold the tensioned position.

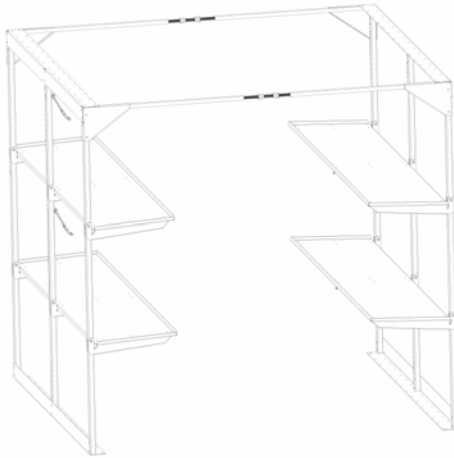


Fig 6



Fig 7

- 9) Start with installing lower shelf panels by positioning the cuffing “pivot ears” around the vertical legs. Align the holes in the ears with the lower set of holes in the vertical legs. (See fig 7) Insert a spacer tube through each ear of the shelf panel, and the vertical leg. Follow by inserting a bolt through each of the spacer tube with a .406” I.D. washer on both sides, complete by screwing on a nylon nut. Follow the same procedure for the remaining three shelf panels.



- 10) We recommend that the L-shaped brace at the bottom be positioned tight against the wall while the shelf unit is screwed to the floor with appropriate fasteners (not included)