

EST. 1885
A.M. LEONARD
HORTICULTURAL TOOL & SUPPLY COMPANY

A.M. Leonard
6 cubic foot Steel
Tray Wheelbarrows
Instruction Manual



The wheelbarrow consists of four main shipping components: tray, handles, component box, and wheel assembly. Please check to make sure that all parts have been included from the parts list. Clear a flat work surface and allow room to assemble the wheelbarrow.

Suggested tools: 13mm Wrench, Socket Driver with 13mm Deep Socket, Electrical or Duck Tape.

For any questions contact customer service at 800-543-8955

NOTE:

Install hardware only by hand tightening until instructed to completely tighten.

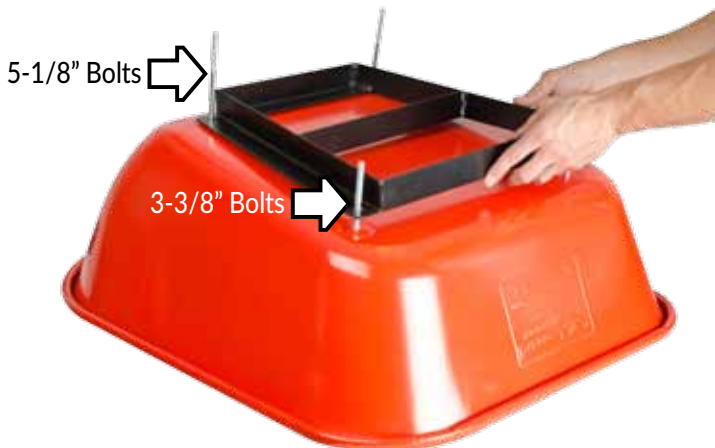
Step 1)

Install Tray Bolts - Insert the (2) 5-1/8" and (2) 3-3/8" square shank bolts through the bottom tray holes and (2) 3/4" square shank bolts through the front tray holes. Tap bolt heads with hammer if needed. Then secure bolt heads with electrical tape or duck tape. Lay the tray upside down on a flat work surface.



Step 2)

Install Tray Support - Place the #WB1019 Tray support over bolts extending through tray.



Step 3)

Install Wooden Wedges and the Handles - Position the #WB1022 Wooden Wedges and #WB1004(S) Handles over the tray bolts.



Step 4)

Install Both Legs - Place a #WB1003 Leg over one handle and bolts, then secure with Serrated Flange Nuts. Then install the second leg.



Step 5)

Install Leg Brace - Keeping the #WB1002 Leg Brace to the inside of the Leg, line up holes in Brace and Legs, then secure using (4) 3/4" Square Shank Bolts, washers, and nylon lock nuts.



Step 6)

Install Front Tray Braces - Position the lower angle end of #WB1007 Tray Braces onto the 3/4" bolts already secured to tray. Finger tighten with Serrated Flange Nuts.



Step 7)

Install Nose Brace - Position the #WB1001 in place on outside of handles, tow ring toward the tray. Slide the (4) 2-3/8" Hex Head Bolts through one washer, then the handles, from the inside, and secure Nose Brace on outside with washers and nylon lock nuts.



Step 8)

Tighten Nose Brace Hardware - Completely tighten the Nose Brace bolts/nuts at this time.



Step 9)

Install One Axle Bracket - Place a #WB1006 Axle Bracket into position, closed end to the outside. Insert a 2-1/2" Hex Head Bolt through the handle and rear hole. Fasten washer and nylon lock nut. Position #WB1007 Front Tray Brace over front hole, install a 2-3/4" Slot Head Bolt through the brace, handle, and axle bracket, then secure with washer and nylon lock nut.



Front bolt secures both tray brace and axle bracket.

Step 10)

Install Wheel and Axle - Slip the #WB1008 axle through the Wheel. If applicable, slip a wheel spacer on each side of wheel. Position wheel between handles and slide axle into the installed axle bracket.



Step 11)

Install Second Axle Bracket - Place the second #WB1006 Axle Bracket over the axle end, align with handle holes, and secure with a 2-1/2" hex head bolt and 2-3/4" hex head bolt (front hole).



Step 12)

Align Wheel Assembly - **IMPORTANT**. If assembly allows side to side movement slide the axle brackets inward until they contact the wheel. Next slide the Wheel and Brackets left & right until the wheel is centered between the handles. Keep the axle brackets against the wheel.

- Slide axle bracket against wheel
- Center the axle bracket/wheel assembly between handles



Step 13)

Tighten the Axle Bracket Bolts - Completely tighten the axle bracket bolts/nuts at this time, while keeping wheel assembly centered.



Step 14)

Tighten Remaining Hardware - Flip the wheelbarrow upright on a flat surface. Completely tighten the (4) Cross Brace Bolts and (6) Tray Bolts.



- Completely tighten remaining hardware



Step 15)

Check Tire Pressure and Grease Wheel - Check and adjust tire pressure per indicated PSI on tire, using a tire gauge. Install grease via the 1/4" grease fitting on the wheel hub. Wheelbarrow assembly is now complete.

Note:

Flat Free Wheelbarrow Models - Flat Free Wheels will retain their shape, however, if left under load for extended length of time, a flat spot can develop. The wheel will go back to original shape after use. But to avoid any inconvenience, do not store wheelbarrow with materials in the tray for extended lengths of time.

Routine Maintenance:

- Hardware includes serrated flange nuts and nylon lock nuts which resist loosening. It is best to routinely check hardware and tighten as may be required.
- Install wheel grease periodically to keep axle and bearings lubricated. This will also prevent rust formation on the steel wheel parts.
- Check tire pressure with a gauge. Over inflation may cause injury and tire damage. Under inflated tires will cause premature wear. Check and adjust pressure using a tire gauge.
- Wood Handles are coated for weather resistance. Excessive exposure to sun and weather will cause deterioration. To maximize handle life, recoat with a wood preservative as necessary.

WB1005 (PNEUMATIC)
FF16BB (FLAT FREE)
FF16KBB
(NARROW FLAT FREE)

BBWB1005

Included Parts



Hardware Included

DESCRIPTION	ITEM #	QTY.
6 Cubic Feet Steel Tray	WB1021	1
Nose Brace	WB1001	1
Leg Brace	WB1002	1
Legs	WB1003	2
Hardwood Handle 1 3/4" x 2"	WB1004	2
Steel Handle 1 5/8" x 2"	WB1004S	2
Pneumatic Wheel	WB1005	1
Flat Free Wheel	FF16BB	1
Narrow Flat Free Wheel	FF16KBB	1
Axle Bracket	WB1006	2
Front Tray Brace	WB1007	2
Axle	WB1008	1
Tray Support	WB1019	1
Wheel Bearing (included in wheel)	BBWB1005	2
Wooden Wedge	WB1022	2
Hardware Blister Pack*	WB1020	1
* 3 3/8" Square Shank Tray Bolts and Serrated Flange Nuts		2
* 5 1/8" Square Shank Tray Bolts and Serrated Flange Nuts		2
* 3/4" Square Shank Tray Bolts and Serrated Flange Nuts		2
* 2-3/8" Hex Head Nose Brace Bolts, Washers, Nylon Lock Nuts		4
* 2-3/4" Hex Head Axle Bracket Bolts, Washers, Nylon Lock Nuts		2
* 2-1/2" Hex Head Axle Bracket Bolts, Washers, Nylon Lock Nuts		2
* 3/4" Square Shank Leg Brace Bolts, Washers, Nylon Lock Nut		4