DFN SUPPLY COMPANY

Large Garden Cart

Congratulations on your new Gardener's Supply Garden Cart. It features a foam-cushioned handle for a more comfortable grip and a front panel that easily slides out of your way when you dump the contents of the cart. We've applied a smooth, custom-bent aluminum trim so that edges won't catch debris or your clothing. With pre-drilled holes, your Garden Cart is easy to assemble and will give you many years of dependable service.

Parts List:	Qty	Description	Qty	Description
	(43)	T-Nuts	(2)	aluminum angles
	(10)	1 ³ / ₈ " bolts	(2)	2"x 2" Support Angles
	(35)	5/8" bolts	(1)	handle
	(8)	³ / ₄ " bolts	(2)	leg stands
	(6)	¹ / ₄ " x 20 lock nuts	(1)	leg brace
	(6)	³ / ₄ " full clamps	(1)	421/2" x 3/4" steel axle
	(2)	³ / ₄ " half clamps	(2)	26" wheels
	(2)	¹ / ₂ " axle clamps	(1)	bottom panel
	(2)	front panel brackets	(2)	side panels
			(1)	front panel
Tools Needed:	 nail or awl adjustable wrench Phillips screwdriver pliers 		(2)	cotter pins
			(5)	Panel Trim Pieces
			(1)	U-brace

Helpful hint: During assembly, you may find it helpful to use a nail or awl to line up the holes when placing bolts. If you have difficulty assembling your cart, please contact us: (info@gardeners.com or 1-800-427-3363).

Safety Information

• Use caution on slopes. The cart does not have brakes and may roll away from you.

• Do not exceed the 500-pound load recommendation for this cart.

• Distribute weight evenly when loading the cart. Too much weight in the front of the cart can cause the cart to flip up unexpectedly and cause injury.



Assembly

T-Nut Installation:

Step 1. Lay out the wood panels on a hard level surface and arrange the hardware so it's easily accessible. *Note:* Each wood panel has pre-drilled holes and comes with one T-Nut already inserted into a hole. Lay out each wood panel so that the sides with the installed T-Nuts face up. Note that the Panel Trim and 2" x 2" Support Angles arrive positioned on their corresponding wood panels but not bolted into place. This will be done in a later step. For now, simply make sure all the Trim pieces fit flush around the edges of the cart Panels.

Step 2. Using a hammer, firmly tap a T-Nut into each of the pre-drilled holes in the wood panels until the head of the T-Nut rests flush with the surface of the wood. **Do not** place a T-Nut in the holes in the Left and Right panels marked as "**No T-Nut**" (Fig. 1. shows corresponding holes in Left Panel only.).

NOTE: If for any reason you need to remove a T-Nut, insert a 1%" bolt into the T-Nut from the opposite side and strike it with a hammer to knock it out of the wood panel and start over.

Attaching the Trim and Support Angles:

Step 3. Start with the Bottom Panel. *The corners of the front Trim should be sandwiched between the Bottom Panel and the 2"x2" Support Angles (Fig. 2).* Make sure the holes in the front and back Trim and the Support Angles are lined up with the pre-drilled holes in the Bottom Panel (Fig. 2). Insert four 5/8" Bolts up through the underside to connect the Trim and Support Angles to the Bottom Panel. Tip: You may find it helpful to use a nail or an awl to line up the holes when inserting the bolts into the T-Nuts. We've included extra ⁵/₈" Bolts and T-Nuts in case any are stripped during the assembly.

Cart Assembly:

Step 4. Position the Left and Right Panels inside the 2"x2" Support Angles of the Bottom Panel, making sure the sides of the Panels with T-Nuts face inward and the wide side of the aluminum trim on both Panels faces out. **Do not attach the Trim to the top of the Left and Right Panels at this time.** This Trim will be attached later in conjunction with other parts.

Step 5. Using the $\frac{1}{2}$ " bolts, attach each Side Panel to the 2"x 2" Support Angles by placing a bolt through holes A and C from the outside. Tighten the bolts on each side (Fig. 1).

Step 6. Place the welded U-brace on the front end of the cart panels (Fig. 3). Do not use bolts to attach the U-brace until Step 7.

Step 7. Place an Aluminum Angle inside each corner of the U-brace with the cut of each angle sloping inward as shown in Fig. 3. From the outside, align the top and bottom holes in the U-brace with the holes of the Side Panels and Aluminum Angles. Insert two 1³/s"







bolts into each side (four total) from the outside. Using a wrench and Phillips screwdriver, firmly tighten the bolts on the inside with a lock nut (Fig. 3). The Ubrace and Aluminum Angles provide a channel for the Front Panel to slide up and down.

Step 8. Attach the Front Panel Trim to the Front Panel using %" Bolts. Then attach the Stop Brackets to the side of the Panel with the wider edge of trim. Insert three 3/4" bolts into each Bracket and fasten tightly (Fig 4).

Step 9. With the Stop Brackets facing out, place the Front Panel in the channel between the U-brace and Aluminum Angles to make sure the Panel opens and closes freely (Fig. 5). Adjust the Aluminum Angles if necessary. Remove the Front Panel.

Step 10. Turn the cart body upside down to attach the handle to the bottom of the cart as shown in Fig. 6. Place two 3/4" full clamps over each side of the handle to line up with the pre-drilled holes in the bottom panel. Use 5/8" bolts to loosely attach the clamps to the bottom panel. Adjust the handle to the desired distance from the body of the cart, then firmly tighten the bolts.

Step 11. Attach the legs to the side panels. Insert 1³/s" bolts through the leg and into holes B and D on each side panel (Fig. 7). Do not fully tighten the bolts.

Step 12. Using the 1³/₈" bolts and lock nuts, attach the leg brace to each leg as shown in Fig. 7 and loosely tighten each nut with

a wrench. Next, secure the leg brace to the bottom panel using two clamps and ⁵/s" bolts as shown.

Step 13. Use the two half clamps to attach the end of each leg to the bottom panel. Line up the hole in the leg with the hole in the bottom panel. Place the rounded part of the clamp over the handle (see the enlarged view, Fig. 7). Insert a 3/4" bolt through the half clamp, the leg, and into the bottom panel. Firmly tighten the bolt on each half







clamp. Fully tighten all bolts and nuts on the legs, leg brace, and handle.

Installing the Wheels

Step 14. Put one end of the axle through a wheel hub (Fig. 8). Insert a cotter pin through the small hole in the axle that is located on the outside of the wheel hub. Use pliers to spread the ends of the cotter pin apart to form a "Y" around the end of the axle.

Slide the second wheel onto the other end of the axle. Insert a cotter pin and spread the ends of the pin apart to form a "Y".

Position the axle on the bottom panel so that the wheels line up evenly on both sides. Fasten the axle to the bottom panel using the narrow axle clamps and two 5/8" bolts per clamp (Fig. 8). Finally, turn the cart upright. The assembly is finished.

Garden Cart Maintenance

• Protect your cart from harsh weather by storing it in a shed, garage, or under a tarp to extend the life of the plywood. Be sure to clean out debris with a broom and allow the cart to dry in sunlight.

• To keep the cart in proper working condition, tighten the nuts and bolts periodically.

• To extend the life of the plywood, repaint or stain it every two years. We recommend a nontoxic, natural stain that will not contaminate compost, soil or other garden materials you may carry in the cart.



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