CORNWELL. TOOLS

CTBMM100BR, BK, BL, NY, RG, RD Pro Series Service Cart

OWNER'S MANUAL

HARDWARE SPECIFICATIONS



1a x 32 pcs.



2 x 72 pcs.



1b x 4 pcs.



3 x 56 pcs.



4 x 4 pcs.



9 x 16 pcs.

TOOLS NEEDED FOR ASSEMBLY:

- 2 14mm Combination Wrenches
- 13mm Socket or Universal Socket
- 4" Extension
- 1/4" Ratchet



AWARNING

















- Read and follow all instructions in User's Manual.
- Do not load carts beyond rated capacity:

Maximum Total Net Load	500 Lbs.
Top and Bottom Shelf	150 Lbs. each
Small Top Drawers	30 Lbs. each
Center and Bottom Drawers	70 Lbs. each

PLEASE NOTE: Loading cart beyond rated capacity may cause structural damage to the cart as well as personal and/or property damage. Please educate your customers to the "dangers of overloading".

• Lock lid and drawers before moving. • Apply brake on locking casters anytime cart is in place. • Do not pull cart. Push from handle on end to move. • Units can tip or fall causing damage or personal injury. • Cart is designed to roll easily on flat surfaces and should not be used on uneven or inclined surfaces. • Do not open more than one loaded drawer at a time. • Do not stand on or step in drawers. • Keep children away from unit. • Wear gloves when lifting edges. • This product may contain one or more chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. Wash hands thoroughly after handling. • Failure to heed these warnings may result in personal injury and/or property damage.

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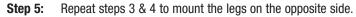


CTBMM100BR, BK, BL, NY, RG, RD **Pro Series Service Cart**

ASSEMBLY INSTRUCTIONS

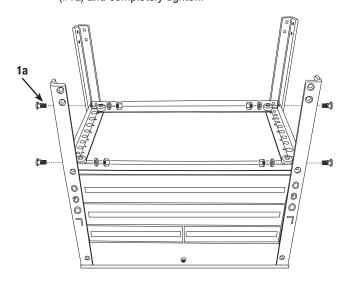
Due to the weight of this cart we recommend that TWO PEOPLE work together on the assembly. This cart weighs approximately 170 lbs, please use caution during assembly.

- Step 1: Locate the key tied to the bottom tray. Using the key, open the lid and remove the caster box from the bottom drawer. Once removed make sure all drawers are completely closed and the inside lever is in the locked position. Close the top lid and lock.
- Lay out a work surface using the protective foam provided. Step 2: Once this surface is secure gently turn the cart onto its lid. (logo will be facing the foam)
- (Before assembling the legs, remove the cable tie holding Step 3: the bumper in place) Insert the front leg (#7), labeled FL or FR into top lip of the cart. Then place the Front bumper (#14 with Cornwell Logo) over the leg aligning the center bolt holes. With holes aligned insert stove bolt (#1a) and finger tighten with nyloc nut and washer
- Install back leg (#7) labeled BL or BR and bumper (#14 Step 4: without logo) following the same procedure as above. Note: Make sure the back leg is inside the hinge rivet. Otherwise the holes will not line up during assembly!!!



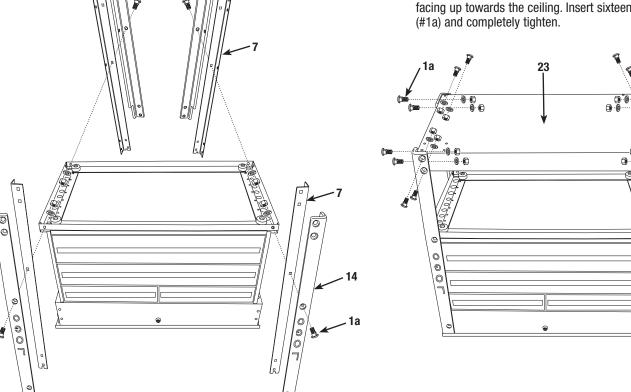
Step 6: Completely tighten the 8 bolts just inserted.

Step 7: Insert bottom shelf (#23) between the four legs flat side facing up towards the ceiling. Insert sixteen stove bolts (#1a) and completely tighten.



Step 8: Insert bottom shelf (#23) between the four legs flat side facing up towards the ceiling. Insert sixteen stove bolts (#1a) and completely tighten.

9 0

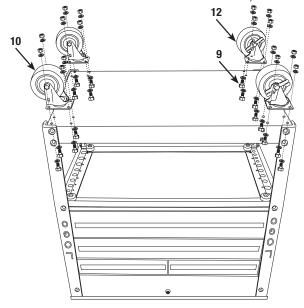




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ASSEMBLY INSTRUCTIONS

Step 8: Mounting casters: Put the four casters in place. The two locking casters (#12) should be on one side of the cart and the two non locking casters (#10) should be on the other (Left or right side NOT front or back). Using the 16 bolts (#9), washers and fasteners (located in separate Caster bag) completely tighten the casters to the bottom tray using a 13mm socket and 14mm combination wrench for the bolt head. (Note: Bolt head and one washer should be on the inside of the bottom shelf, nyloc nut and one washer will be on the caster side.)

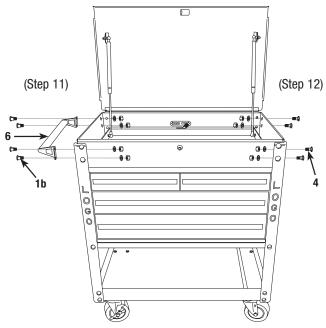


Step 9: Carefully turn cart onto its casters

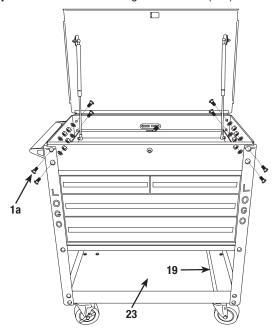
Step 10: Open top lid using the key provided

Step 11: Mount push handle (#6) to the same side of the cart with the locking casters using the four stove bolts (#1b) provided. Finger tighten at this time.

Step 12: Insert the 4 Stove bolts (#4) provided to the opposite side of the cart. **Note:** This stove bolt is shorter due to not having to pass through a handle or bumper.



Step 13: Insert the remaining 8 stove bolts (#1a).



Step 14: Using 13mm socket completely tighten all fasteners!! Step 15: Insert spray can holder divider (#19) into provided cut away on the bottom shelf (#23). (Optional)

TROUBLESHOOTING

Troubleshooting Points during CTBMM100 Assembly.

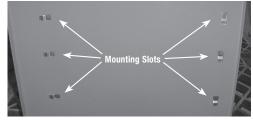
 $\mbox{\sc Problem:}$ Drawers appear not to fit, do not slide in accurately and bump the cart sides.

Solution: The roller bearing slides must be fully engaged into the mounting slots on all drawers. They potentially could fall out of position while turning the cart on its lid, back, or onto its casters.

Remove the drawer that is out of position. The drawer is removed by the two clips on the roller bearing slides.

Simply push the roller bearing slide back down into position.

Insert the drawer back onto the roller bearing slides.



Problem: Back Lock/Unlock Switch does not engage the drawer.

Solution: The inside Lock/Unlock slide potentially could fall out of its groove while turning the cart on its lid, back, or onto its casters during assembly.

Unscrew the four screws that are holding the Lock/Unlock slide in place.

Once the screws are removed simply place the latch back onto the slide and tighten the four screws back down.

Problem: Back Lock/Unlock Switch does not engage the drawer.

Solution: The inside Lock/Unlock slide potentially could fall out of its groove while turning the cart on its lid or back onto its casters.

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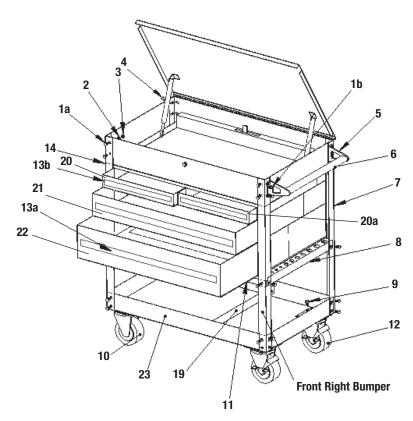
PARTS LIST

Ham #	Part #	Description	
item #		Decoription	QTY.
1a	*	M8x22 Bolt	32
1b	*	M8x28 Bolt	4
2	*	M8 Washer	72
3	*	M8 Locking Nut	56
4	*	M8x22 Bolt	4
5	RSMM100HB	Handle Brackets/Pair	1
6	RSMM100HDL	Handle	1
7	RSMM100LG-BR (burgundy)	Leg/each	4
,	RSMM100LG-BK (black) RSMM100LG-BL (blue) RSMM100LG-NY (yellow) RSMM100LG-RG (orange) RSMM100LG-RD (red)	Leg/eacii	4
8	RSMM100SRP-BR (burgundy) RSMM100SRP-BK (black) RSMM100SRP-BL (blue) RSMM100SRP-NY (yellow) RSMM100SRP-RG (orange) RSMM100SRP-RD (red)	Screwdriver/Prybar Holder/each 2	
9	*	M8x19 Bolt (for casters)	16
10	RSSWCS	5" Swivel Caster (non-locking)/each	2
11	RSMM100RP-BR (burgundy) RSMM100RP-BK (black) RSMM100RP-BL (blue) RSMM100RP-NY (yellow) RSMM100RP-RG (orange) RSMM100RP-RD (red)	Reinforced Piece /each	2
12	RSSWLCS	5" Swivel Caster with lock/each	2
13a	RSMM100DH	Drawer Handle/each	2
13b	RSMM100SDH	Short Drawer Handle/each	2
14	RSMM100BP	Set of 4 Bumpers	1
15	*	Screw for Drawer Handles	12
16	RSLKN	Lock with Keys	
17	RSGP	Gas Piston /each	
	RSRBS	Roller Bearing Slides/pair	
19	RSMM100SCD-BR (burgundy) RSMM100SCD-BK (black) RSMM100SCD-BL (blue) RSMM100SCD-Y (yellow) RSMM100SCD-RG (orange) RSMM100SCD-RD (red)	Spray Can Divider	1
20	CTB100MMLDBRL (burgundy) CTB100MMLDBKL (black) CTB100MMLDBLL (blue) CTB100MMLDNYL (yellow) CTB100MMLDRGL (orange) CTB100MMLDRDL (red)	3-1/4" Half Drawer Left	1
20a	CTB100MMLDBRR (burgundy) CTB100MMLDBKR (black) CTB100MMLDBLR (blue) CTB100MMLDNYR (yellow) CTB100MMLDRGR (orange) CTB100MMLDRDR (red)	3-1/4" Half Drawer Right	1
21	CTB100MMLD2BR (burgundy) CTB100MMLD2BK (black) CTB100MMLD2BL (blue) CTB100MMLD2NY (yellow) CTB100MMLD2RG (orange) CTB100MMLD2RD (red)	3-1/4" Drawer	1
22	CTB100MMLD3BR (burgundy) CTB100MMLD3BK (black) CTB100MMLD3BL (blue) CTB100MMLD3NY (yellow) CTB100MMLD3RG (orange) CTB100MMLD3RD (red)	5-1/4" Drawer	1

Ite	em #	Part #	Description	QTY.
23	3	CTB100MMSBR (burgundy) CTB100MMSBK (black) CTB100MMSBL (blue) CTB100MMSNY (yellow) CTB100MMSRG (orange) CTB100MMSRD (red)	Bottom Shelf	1

^{*} Available in RSMM100BK Bolt Kit.

Also available: RSSCPK Service Cart Polishing Kit, RSDET8PK Ball Bearing Slide Detents (Pk of 8)



PART DRAWINGS

