

It is the responsibility of the owner to make sure all personnel read this manual prior to using the device. It is also the responsibility of the device owner to keep this manual intact and in a convenient location for all to see and read. If the manual or product labels are lost or not legible, contact Matco Tools for replacements. If the operator is not fluent in English, the product and safety instructions shall be read and discussed with the operator in the operator's native language by the purchaser/owner or his designee, making sure that the operator comprehends its contents. 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.

! WARNING



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

MSC4FD: Overall, Total Load Capacity: 600 lbs.
 MSC4: Overall, Total Load Capacity:..... 500 lbs.
 Lid: When Closed, Total Load Capacity: 150 lbs. (evenly dispersed on top)
 Lid: When Open, Total Load Capacity: 5 lbs. (evenly dispersed on inside/outside)
 Top Compartment Total Load Capacity:..... 180 lbs. (evenly dispersed)
 3" Split Drawers, Each: 30 lbs. (evenly dispersed)
 3" Non-Split Drawer:..... 70 lbs. (evenly dispersed)
 4" Drawer: 70 lbs. (evenly dispersed)
 5" Drawer: 70 lbs. (evenly dispersed)
 Bottom Shelf 150 lbs. (evenly dispersed on bottom)

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". Do not attempt to push cart with items on the top lid.

- 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.
- Before connecting to a power supply, always check to make sure the power supply corresponds to the voltage required on the product.
- Fully insert plug to reduce the risk of electric shock.
- Always unplug when not in use.
- Disconnect power before installing or servicing.
- Do not try to plug in unit or product when hands are wet or damp, or if standing on a wet or damp surface or in water.
- Never attempt to pick up unit or plugged in product that should fall in standing water.
- This unit is not waterproof and is intended for general use indoors.
- Do not use in potentially dangerous locations, such as flammable or explosive atmospheres.
- Keep cord away from heat, oil, sharp edges or moving parts.
- Failure to heed these warnings may result in personal injury and/or property damage.



WARNING: This product can expose you to chemicals including nickel, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

TROUBLESHOOTING

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 during shipment. Check the side of the cart to determine which slide is out of position.

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

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 during shipment. 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.

TOTAL DIMENSIONS

Capacity MSC4.....	500 lbs.
Capacity MSC4FD	600 lbs.
Total Storage Volume MSC4:	19,548" ³
Total Storage Volume MSC4FD.....	12,105" ³
Total Lockable Storage Volume MSC4:	9,845" ³
Total Lockable Storage Volume MSC4FD:.....	12,105" ³
Height, Open Lid:.....	63.750"
Height, Closed Lid:.....	39.563"
Width without handle:.....	34.969"
Width with Handle:.....	38.875"
Width with Handle & Shelf:	52.938"
Depth:	21.750"

WEIGHT RATINGS MSC4

Max Total Capacity MSC4:.....	500 lbs.
Max Total Capacity MSC4FD	600 lbs.
On top of Closed Lid:.....	150 lbs.
Top Surface with Opened Lid:	150 lbs.
3" Split Drawer:.....	30 lbs.
3" Drawer.....	70 lbs.
4" Drawer:.....	70 lbs.
5" Drawer:.....	70 lbs.
Bottom Shelf:	150 lbs.

SLIDES MSC4 / MSC4FD

Capacity each	90 lbs.
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CASTERS MSC4 / MSC4FD

Ground to Brace.....	6"
Caster Nominal	5"
Diameter	4.760"
Width	1.938"
Swivel, Non-Locking.....	2 Qty.
Swivel, Locking	2 Qty.
Capacity Each	265 lbs.

PRY BAR HOLDER, 2X

Maximum Total Length.....	32.750"
Maximum Handle Length of 3x	7.125"
Max Handle Width of 3x	2.5"
Maximum Handle Length of 8x	4.938"
Screw Driver Component Width:.....	2.750"
Large Hole Diameter (3x):	1"
Medium Hole Diameter (4x):.....	0.750"
Small Hole Diameter:	0.5"

5" - FULL WIDTH, DRAWER MSC4 (QTY. 1) / MSC4FD (QTY. 1)

Height:	5"
Width	29.375"
Depth:	19"
Volume:.....	2,791" ³
Qty on Cart:	1 Qty.

4" - FULL WIDTH, DRAWER MSC4 (QTY. 1) / MSC4FD (QTY. 2)

Height:	3.938"
Width	29.375"
Depth:	19"
Volume:.....	2,198" ³

3" - HALF WIDTH, DRAWER MSC4 (QTY. 2)

Height:	2.938"
Width	13.875"
Depth:	19"
Volume:.....	775" ³
Qty on Cart:	2 Qty

3" - FULL WIDTH, DRAWER MSC4FD (QTY. 3)

Height	2.938"
Width	29.375"
Depth	19"
Volume.....	1,640" ³

TOP MSC4 / MSC4FD

Height	4.9"
Width	33.750"
Depth	20"
Volume.....	3,308" ³
Gas Piston Strength, 2x: (70N ea)	15.737 lbf.

MATS MSC4 (QTY. 6) / MSC4FD (QTY. 7)

Thickness:	0.068"
Material:.....	EVA

HANDLE MSC4 / MSC4FD

Width of Handle	16.875"
Grip, Depth	1.838"
Thickness, Depth.....	1.040"

STEEL THICKNESS MSC4 / MSC4FD

Lid: (1.5mm)	0.059"
Tray: (1.2mm)	0.047"
Drawer: (1.2mm)	0.047"
Legs: (2mm)	0.079"

HARDWARE MSC4 / MSC4FD

Size/Grade	M8/8.8
Torque Specifications	16 ft. lbs.
Size/Grade	M5/8.8
Torque Specifications	4.1 ft. lbs.
Size/Grade	M4/8.8
Torque Specifications	2.1 ft. lbs.

MSC4FD SHIPPING DIMENSIONS

38.19" L x 25.2" W x 44.89" H
97cm L x 64cm W x 114cm H
269.0 lbs Gross Weight / 220.5 lbs Net Weight
122kg Gross / 100kg N.W.
Shipped w/Brown Box & Pallet

MSC4 SHIPPING DIMENSIONS

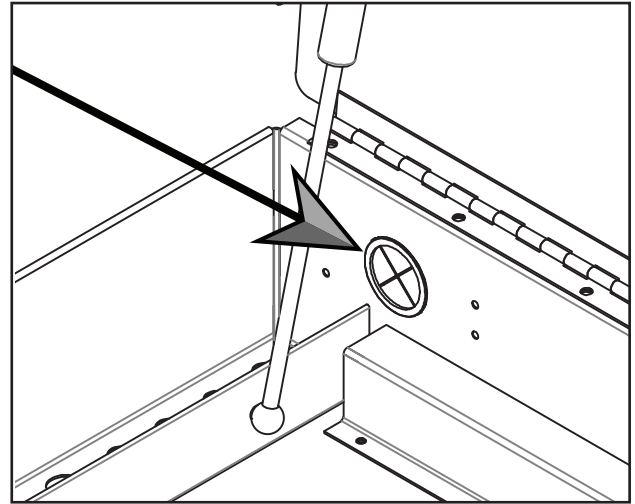
38.19" L x 28.35" W x 24.8" H
96cm L x 72cm W x 63cm H
202.9 lbs Gross Weight / 167.6 lbs Net Weight
92kg Gross / 76kg N.W.
Shipped w/Brown Box & Pallet

MSC4 VS MSC4FD IDENTIFICATION:

MSC4 AND MSC4QAPP HAVE 4 DRAWERS
 MSC4FD AND MSC4FDPP HAVE 6 DRAWERS

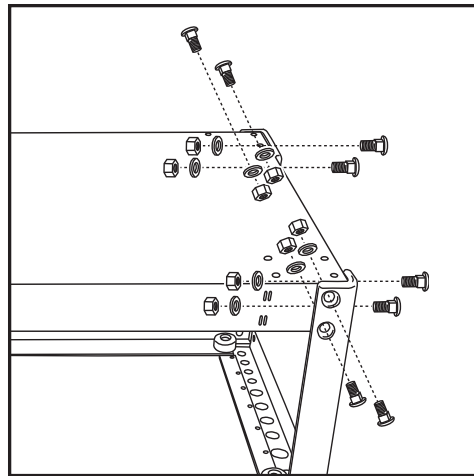
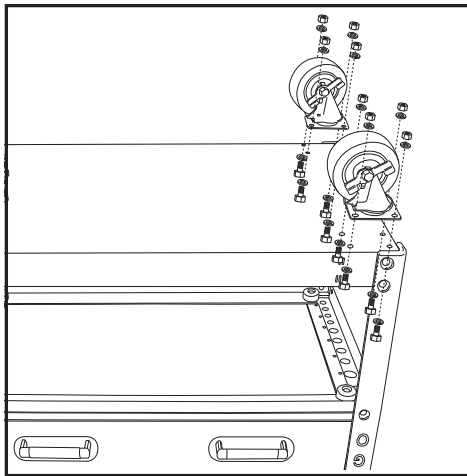
POWER PREP IDENTIFICATION ("PP" OR "/PP"):

YOUR UNIT IS A "PP" OR POWER PREP UNIT
 IF IT HAS THE RUBBER CORD PROTECTOR

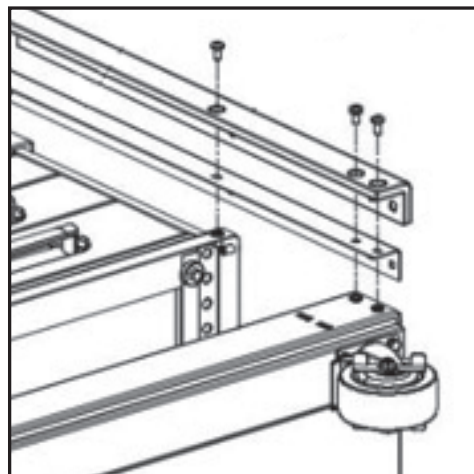
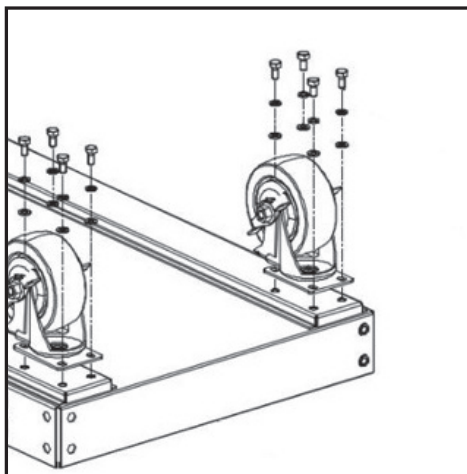


QUICK ASSEMBLY IDENTIFICATION

NON-QUICK ASSEMBLY USES CARRIAGE BOLTS WITH FLAT WASHERS AND LOCK NUTS.

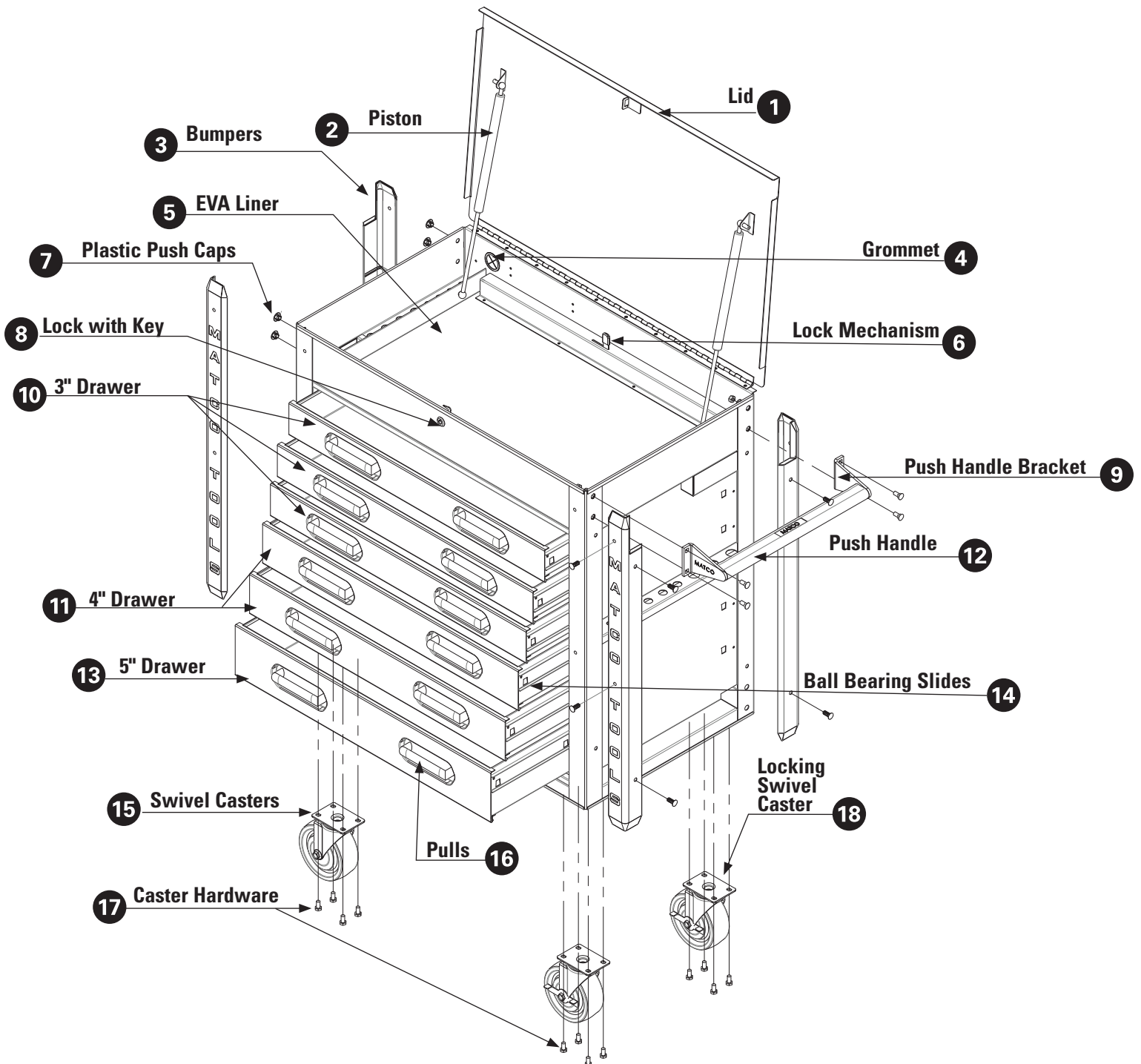


QUICK ASSEMBLY USES T40 ROUND HEADED BOLTS INTO PRE-INSTALLED RIVETS.



HARWARE MSC4 / MSC4FD

Size/Grade M8/8.8 Torque Specifications 16 ft. lbs.
 Size/Grade M5/8.8 Torque Specifications 4.1 ft. lbs.
 Size/Grade M4/8.8 Torque Specifications 2.1 ft. lbs.



Ref No.	Color:	Description:	Unit:	Qty:	MSC4FD			Included Hardware:
					Non QA/PP	w/QA w/PP	SKU:	
					SKU:	SKU:		
	Black	Lid, 9 Hole	Each	1	MSC4FDLIDBK9			9 Rivets, Domed, 2.6mm OD
		Lid, 10 Hole	Each	1	MSC4FDLIDBK			10 Rivets, Domed, 2.6mm OD
	Blue	Lid, 9 Hole	Each	1	MSC4FDLIDBL9			9 Rivets, Domed, 2.6mm OD
		Lid, 10 Hole	Each	1	MSC4FDLIDBL			10 Rivets, Domed, 2.6mm OD
1	Red	Lid, 9 Hole	Each	1	MSC4FDLIDR9			9 Rivets, Domed, 2.6mm OD
		Lid, 10 Hole	Each	1	MSC4FDLIDR			10 Rivets, Domed, 2.6mm OD
	Titanium	Lid, 9 Hole	Each	1	MSC4FDLIDTI9			9 Rivets, Domed, 2.6mm OD
		Lid, 10 Hole	Each	1	MSC4FDLIDTI			10 Rivets, Domed, 2.6mm OD
	Silver Vein	Lid, 9 Hole	Each	1	MSC4FDLIDSV9			9 Rivets, Domed, 2.6mm OD
		Lid, 10 Hole	Each	1	MSC4FDLIDSV			10 Rivets, Domed, 2.6mm OD
2	Black w/Chrome Arm	Piston	Each	2	RSGP			Qty 2 M8 Washers, Qty 2 M8 x 1.25mm Locking Hex Nuts
	All Black		Each	2	RSGPBK			
3	Black	Bumpers	4-Pc Set	1	RSMSC4FDBP			16 Push Clip Fasteners
4	Black	Grommet	Each	1	None	RS4RCP		None
5	Black	EVA Liners	Set	1	RSMSC4FD7LK			None
6	Black	Lock Bar	Set	1	RSMSC4FDLMBK	RSMSC4FDLMPBK		Qty 4 Pan Head P#2 M5x2.25mm 9.5mmL, Qty 2 Pan Head P#2 M5x0.8mm 10mmL, Qty 2 M5 Flat Washers, Qty 2 M5x0.8mm Hex Lock Nut 8mmW 5mmThk
	Blue		Set	1	RSMSC4FDLMBL	RSMSC4FDLMPBL		
	Red		Set	1	RSMSC4FDLMR	RSMSC4FDLMPR		
	Titanium		Set	1	RSMSC4FDLMTI	RSMSC4FDLMPTI		
	Silver Vein		Set	1	RSMSC4FDLMBK	RSMSC4FDLMPBK		
7	Black	Plastic Push Caps	4-Pc Set	4	RSFDPCK			Qty 4 Plastic Push Caps
8	Chrome	Lock w/Keys, After March, 2010	Set	1	RSCLKB			Complete Lock & Arm Assembly
	Chrome	Lock w/Keys, Before March, 2010	Set	1	RSCLKA			Complete Lock & Arm Assembly
9	Chrome	Push Handle Bracket	Pair	1	RSMSC4HB			Qty 4 Carriage M8x1.25mm SQ-8mm Wx4mmL 11mmL, Qty 4 M8 Washer, Qty 4 M8 Lock Nut
	Black		Pair	1	RSMSC4HBBK			
10	Black	3" Drawer	Each	3	MSC4FD3BK	MSC4FD3BK		None
	Blue		Each	3	MSC4FD3BL	MSC4FD3BL		None
	Red		Each	3	MSC4FD3R	MSC4FD3R		None
	Titanium		Each	3	MSC4FD3TI	MSC4FD3TI		None
	Silver Vein		Each	3	MSC4FD3SVA	MSC4FD3SVA		None
11	Black	4" Drawer	Each	2	MSC4LD4BK	MSC4PLD4BK		None
	Blue		Each	2	MSC4LD4BL	MSC4PLD4BL		None
	Red		Each	2	MSC4LD4R	MSC4PLD4R		None
	Titanium		Each	2	MSC4LD4TI	MSC4PLD4TI		None
	Silver Vein		Each	2	MSC4LD4SVA	MSC4PLD4SVA		None
12	Black	5" Drawer	Each	1	MSC4LD5BK	MSC4PLD5BK		None
	Blue		Each	1	MSC4LD5BL	MSC4PLD5BL		None
	Red		Each	1	MSC4LD5R	MSC4PLD5R		None
	Titanium		Each	1	MSC4LD5TI	MSC4PLD5TI		None
	Silver Vein		Each	1	MSC4LD5SVA	MSC4PLD5SVA		None

Ref No.	Color:	Description:	Unit:	Qty:	MSC4FD			Included Hardware:
					Non QA/PP	w/QA w/PP	SKU:	
13	Black	Push Bar Handle Center	Each	1		RSMSC4HDL		None
14	Steel	Ball Bearing Slides	Pair	6		RSRBS		None
15	Chrome	Swivel Caster, 5" x 2"	Each	2		RSSWCS		None
	Black		Each	2		RSSWCSBK		None
		6" locking caster				RS6INLC01		
		6" non-locking caster				RS6INNL01		
16	Black	Drawer Pulls	6-Pc Set	1		MSC4HBC		Qty 6 Pan Head P#2 M4x0.7mm 6mmL, Qty 6 M4 Flat Washers
	Chrome		6-Pc Set	1		MSC4HC		
	Blue		6-Pc Set	1		MSC4HBL		
	Red		6-Pc Set	1		MSC4HBR		
16	Black	MSC4 Drawer Pulls with Hardware	6-Pc Set	1				
	Chrome		6-Pc Set	1				
	Blue		6-Pc Set	1				
	Red		6-Pc Set	1				
16	Black	MSC4FD Drawer Pulls with Hardware	12-Pc Set	1		RSDRWPULLS12BK		
	Chrome		12-Pc Set	1		RSDRWPULLS12C		
	Blue		12-Pc Set	1		RSDRWPULLS12BL		
	Red		12-Pc Set	1		RSDRWPULLS12R		
17	Chrome	Caster Hardware Kit	Set	1		RSMSC4FDBK		Qty 16 Hex Head 13mmW M8x1.25mm 16mmL, Qty 16 M8 Spring Washer
	Black		Set	1		RSMSC4FDBKBK		
18	Chrome	Locking Swivel Caster, 5" x 2"	Each	2		RSSWLCS		None
	Black		Each	2		RSSWLCSBK		None
19	Black	Leg	Each	4				None
	Blue		Each	4				
	Red		Each	4				
	Titanium		Each	4				
	Silver Vein		Each	4				
			Each	4				
20	Black	J-Channel	Each	2				None
	Blue		Each	2				
	Red		Each	2				
	Titanium		Each	2				
	Silver Vein		Each	2				
			Each	2				
21	Black	Center Clip	Each	1				None
	Blue		Each	1				
	Red		Each	1				
	Titanium		Each	1				
	Silver Vein		Each	1				
			Each	1				

Ref No.	Color:	Description:	Unit:	Qty:	MSC4FD			Included Hardware:
					Non QA/PP	w/QA w/PP	SKU:	
					SKU:			
22	Chrome	Hardware for Leg	Each	32	None			
	Black		Each	32				
23	Black Blue Red Titanium Silver Vein	3" Drawer Left	Each	1	None			
			Each	1				
			Each	1				
			Each	1				
			Each	1				
24	Chrome Black	Bracket Hardware for Push Handle	Set	8	None			
	Set		8					
25	Black	3" Drawer Right	Each	1	None			
	Blue		Each	1				
	Red		Each	1				
	Titanium		Each	1				
	Silver Vein		Each	1				
26	Black	Screwdriver & Pry Bar Holder	Each	2	None			
	Blue		Each	2				
	Red		Each	2				
	Titanium		Each	2				
	Silver Vein		Each	2				
27	Black	Divider for Bottom Shelf	Each	1	None			
	Blue		Each	1				
	Red		Each	1				
	Titanium		Each	1				
	Silver Vein		Each	1				
28	Black	Bottom Shelf	Each	1	None			
	Blue		Each	1				
	Red		Each	1				
	Titanium		Each	1				
	Silver Vein		Each	1				
29	Black	Reinforcement Piece	Each	2	None			
	Blue		Each	2				
	Red		Each	2				
	Titanium		Each	2				
	Silver Vein		Each	2				
30	Black	Touch Up Paint	Each	1	RSPAINJTJGSF114			
	Blue		Each	1	RSPAINJTJGSF012			
	Red		Each	1	RSPAINJTJGSF028			
	Titanium		Each	1	RSPAINJTJGSF031			
	Silver Vein		Each	1	Not Offered			

SKU:	Description:	Color:
MSC4C	Cover for MSC4/MSC4FD	Black
MSC4SSBK	Side Shelf for MSC4/MSC4FD	Black
MSC4SSBL	Side Shelf for MSC4/MSC4FD	Blue
MSC4SSR	Side Shelf for MSC4/MSC4FD	Red
MSC4SSTI	Side Shelf for MSC4/MSC4FD	Titanium
MSC4SSVA	Side Shelf for MSC4/MSC4FD	Silver Vein
CART-POWER3	Power Strip, 3 Outlet, 2 USB	Black

**If you have a limited edition MSC4 or MSC4FD please
contact customer service for
availability of cart specific part numbers.**

MSC4 ASSEMBLY:

STEP 1 While the cart lid is in the locked position, gently place the cart's main body **UPSIDE DOWN** on a protected surface that will not scratch the lid.

Repeat on each corner:

- Place the correct bumper onto the leg and then place this group onto the main cart body.
- Insert (1) round headed T40 bolt (16mm L) from hardware kit into the **CENTER HOLE** of the bumper/leg and into the **CENTER HOLE** of the main cart body.
- Loosely hand tighten each of the round headed T40 bolts.

STEP 2 Gently rotate the cart assembly onto its **LEFT SIDE** on a protected surface so that no scratches are made on the main cart. Unlock the lid and lift it open. Insert an additional (2) round headed T40 bolt (16mm L) from hardware kit into the **back TOP REAR RIGHT HOLE** of the bumper/leg and into the **back TOP REAR RIGHT HOLE** of the main cart body. DO NOT place these bolts in the top sides. Loosely hand tighten each of the round headed T40 bolts.

STEP 3 Gently rotate the cart assembly onto its **RIGHT SIDE** onto a protected surface so that no scratches are made on the main cart. Unlock the lid and lift it open. Insert an additional (2) round headed T40 bolt (16mm L) from hardware kit into the **back TOP REAR LEFT HOLE** of the bumper/leg and into the **back TOP REAR LEFT HOLE** of the main cart body. DO NOT place these bolts in the top sides. Loosely hand tighten each of the round headed T40 bolts.

STEP 4 Gently rotate the cart assembly onto its **BACK SIDE** onto a protected surface so that no scratches are made on the main cart. Bumper /Leg: Insert an additional (2) round headed T40 bolts (16mm L) from hardware kit (#11) into the **back TOP REAR LEFT HOLE** of the bumper/leg and into the **back TOP REAR LEFT HOLE** of the main cart body. DO NOT place these bolts in the top sides. Loosely hand tighten each of the round headed T40 bolts. Bumper / Leg: Insert an additional (2) round headed T40 bolts (16mm L) from hardware kit (#11) into the **back TOP REAR RIGHT HOLE** of the bumper/leg and into the **back TOP REAR RIGHT HOLE** of the main cart body. DO NOT place these bolts in the top sides. Loosely hand tighten each of the round headed T40 bolts.

STEP 5 Place the bottom shelf into the bottom portion of the four bumper/leg assemblies protruding from the main cart body. Repeat for **EACH Bumper/Leg** (12Xs): Insert (1) round headed T40 bolt (16mm L) from hardware kit into **FRONT LEFT** and **FRONT RIGHT** holes at the bottom of each bumper/leg and the bottom shelf. Loosely hand tighten each of the round headed T40 bolts.

STEP 6 Repeat 4Xs: Insert (1) round headed T40 bolt (16mm L) from hardware kit into each **CENTER LEFT** and **CENTER RIGHT** holes of the bumper/leg and into the main cart body. Loosely hand tighten each of the round headed T40 bolts.

STEP 7 Tighten all (32) round headed T40 bolts from Steps 1 through 6. After all (32) bolts are tightened, torque all to 16 ft-lbs.

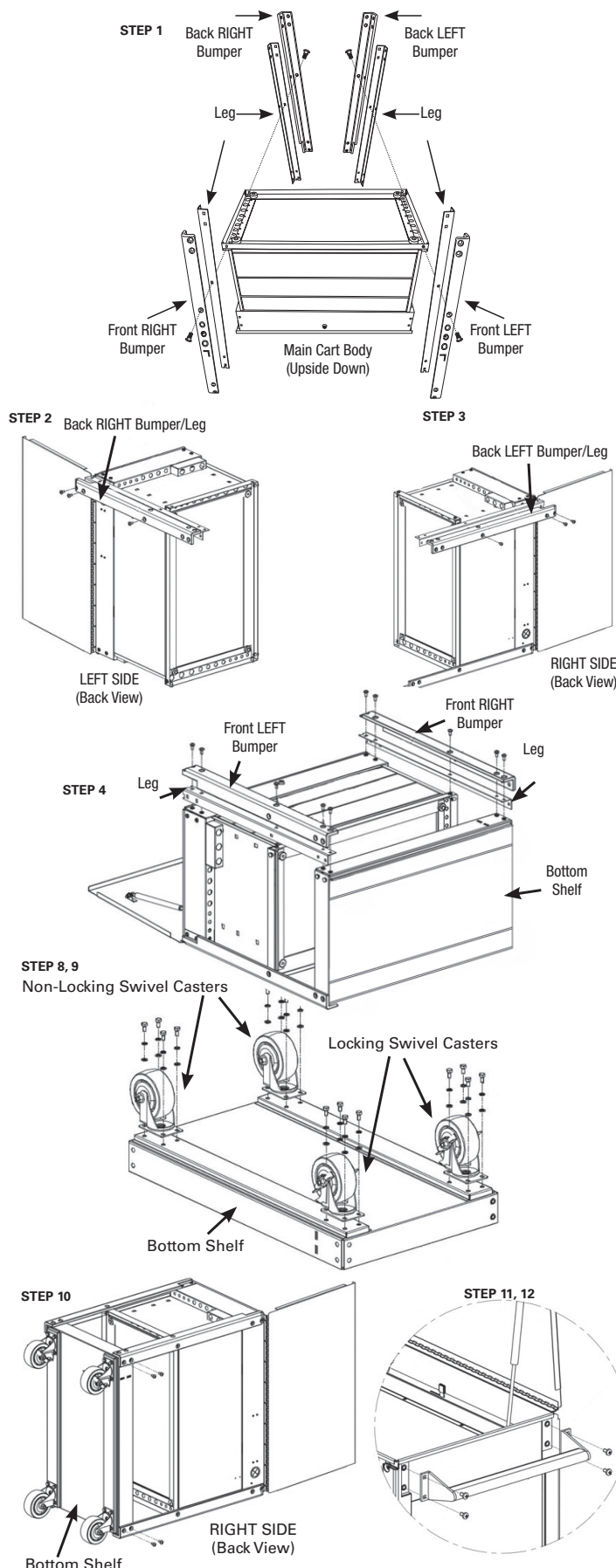
STEP 8 On your desired side (left or right), place the locking swivel casters onto the bottom of the bottom shelf. Repeat 8Xs: From the caster hardware (#30), Insert (1) hex head bolt into (1) M8 Spring washer, and then into (1) M8 flat washer. Insert full bolt assembly into the bottom shelf. Tighten and then torque all (8) bolts to 16 ft-lbs.

STEP 9 On the other side, place the non-locking swivel casters onto the bottom of the bottom shelf. Repeat 8Xs: From the caster hardware, insert (1) hex head bolt into (1) M8 Spring washer, and then into (1) M8 flat washer. Insert full bolt assembly into the bottom shelf. Tighten and then torque all (8) bolts to 16 ft-lbs.

STEP 10 Gently rotate the cart assembly onto its **RIGHT SIDE** onto a protected surface so that no scratches are made on the main cart. Repeat 4Xs: Insert (1) round headed T40 bolt (16mm L) from hardware kit into each **BACK BOTTOM HOLE** of the bumper/leg and the bottom shelf. Tighten all (10) round headed T40 bolts on the back of the cart assembly. After all (10) bolts are tightened, torque all to 16 ft-lbs.

STEP 11 On the side with the locking swivel casters: place the push handle into the (2) handle brackets and onto the cart assembly. Repeat 4Xs: Insert (1) round headed T40 bolt (18mm L) from hardware kit into each of the (4) holes of the handle brackets and into the cart assembly. Tighten and then torque all (4) T40 bolts to 16 ft-lbs.

STEP 12 For the other side: Repeat 4Xs: insert and tighten (1) round headed T40 bolt (16mm L) from hardware kit (#11) into each of the (4) holes of the cart assembly. Tighten and then torque all (4) T40 bolts to 16 ft-lbs. to complete assembly.



WARRANTY

This MATCO TOOLS service/storage cart carries a one (1) year warranty (only for the parts listed below) subject to the terms and conditions below.

What is Covered

MATCO TOOLS warrants the following components of this product to be free from defects in workmanship and materials. The components covered by the one (1) year warranty include welded joints, paint, drawers, lid, hinge, slides, casters, handles and pulls, gas pistons, bumpers, key lock, drawer lock mechanism, hardware, clips, and grommets.

What is NOT Covered (Exclusions)

This warranty does not cover normal wear, damage caused by neglect and misuse. Disassembly of any product will void the warranty. This warranty also only applies to a genuine MATCO TOOLS branded product that was purchased from an authorized MATCO TOOLS dealer. Purchases outside of this are not covered. If the product has been modified in any way it will not be covered.

Drawer liners are not covered under warranty.

Themed, Special or Limited Edition Product - Any MATCO TOOLS storage/service cart that is a limited, special, or themed design will not be covered under the one (1) year warranty due to the special paint, decals, and screen-printing. Therefore, decals and screen-printing, and will only carry an OUT OF THE BOX warranty. However, other interchangeable components such as the drawers, lid, gas pistons, bumpers, casters, slides, hardware, key lock, drawer lock mechanism, clips and grommets will all retain the one (1) year warranty.