



User's Guide



FREEDOM CART

100 MECO LANE | OAK RIDGE, TN 37830 | 865.670.3713 | ITOOLCO.COM
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**BEFORE OPERATION OF THIS TOOL, READ AND
UNDERSTAND ALL OF THE INSTRUCTIONS AND
SAFETY INFORMATION IN THIS MANUAL**



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SAFETY FIRST

Safety is essential in the use and maintenance of this tool. This instruction manual and any markings on the tool provide information for avoiding hazards and unsafe practices related to the use of this tool. Observe all of the safety information provided.

SAFETY ALERT SYMBOLS

This symbol is used to call your attention to hazards or unsafe practices that could result in injury or property damage. The three signal words, defined below, indicate the severity of the hazard. The message after the signal word provides the information for preventing or avoiding the hazard.



DANGER

Immediate hazards that, if not avoided, **WILL** result in severe injury or death.



WARNING

Hazards that, if not avoided, **COULD** result in severe injury or death.



CAUTION

Hazards or unsafe practices that, if not avoided, **MAY** result in injury or property damage.

IMPORTANT SAFETY INFORMATION FOR ITOOLCO FREEDOM CARTS



WARNING

Read and understand all instructions and safety information in this manual before operating or servicing this tool.

FAILURE TO OBSERVE THESE WARNINGS CAN RESULT IN SEVERE INJURY OR DEATH



WARNING – PERSONAL SAFETY HAZARDS

Only qualified persons should use iTOOLco Freedom Cart.

Wear eye protection and hard hat when using this tool.

Do not use this tool while tired or under the influence of drugs, alcohol, or medication.

Keep body parts and loose clothing away from moving parts.

Always follow operating procedures.

FAILURE TO OBSERVE THESE WARNINGS CAN RESULT IN SEVERE INJURY OR DEATH.



WARNING – ENTANGLEMENT HAZARD

Do not operate this tool while wearing loose-fitting clothing.

Retain long hair.

Keep hands away from wheels. Could pinch or crush a hand or body part.

FAILURE TO OBSERVE THESE WARNINGS CAN RESULT IN SEVERE INJURY OR DEATH.

**WARNING – TOOL USE HAZARDS**

Use this tool for manufacturer's intended purpose only. Use other than that which is described in this manual can result in injury or property damage.

FAILURE TO OBSERVE THESE WARNINGS CAN RESULT IN SEVERE INJURY OR DEATH.

**WARNING – TIPPING HAZARD**

Use caution when moving the Freedom Cart on uneven surfaces.

FAILURE TO OBSERVE THIS WARNING COULD RESULT IN SEVERE INJURY OR DEATH.



DESCRIPTION AND IDENTIFICATION

iTOOLCO Freedom Cart is designed to carry wire and supplies for more efficient wire pulls. With their light weight, compact design, and convenient handles, Freedom Cart are easy to store, carry, and use.

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	FC-403	Shelf frame w/spindels	3
2	FC-405	Base frame	2
3	FC-401	Cross member	1
4	FC-404	Upper frame	2
5	FC-410	Shelf pan	6
6	FC-407	Shelf stay	12
7	HW-150	3/8" Nylock Nut	38
8	HW-135	3/8" 16T x 1" bolt	16
10	HW-142	3/8"x16t x 3" bolt	22
11	SP-146	Fixed Wheel	2
12	SP-147	Caster wheel w/ break	2
13	HW-146	3/8" Flat Washer	80
14	HW-255	1/4" x 5/8" clevis pin	12
15	HW-126	1/4" flat washer	24

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TITLE:

Freedom Cart

SIZE DWG. NO.

A FC100

REV

SCALE: 1:20

SHEET 1 OF 1

SET UP

1. Layout two (2) FC-405 and one (1) FC-401. Fig. 1.

Use four (4) HW-143 (3/8" x 3" bolts), eight (8) HW-146 (3/8" washers), and four (4) HW-150 (3/8" Nyloc hex nuts) to fasten FC-405 (bottom cross bar) between two (2) FC-405 (wheel base side). Be sure the bottom cross bar is at the bottom most setting and use a washer on each side of the bracket.

Do not tighten bolts completely to allow room for adjustment once cart is completely assembled.

2. Insert FC-404 (side extension tube) into FC-405 (wheel base side) with the hooks facing out. Fig. 2 **No need for any bolts at this point.**

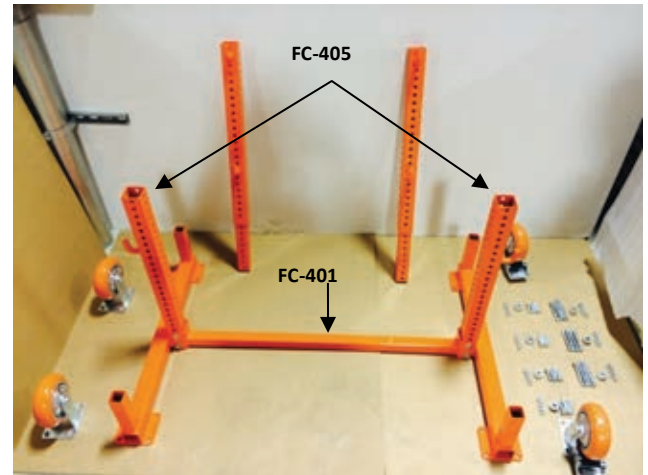


Figure 1

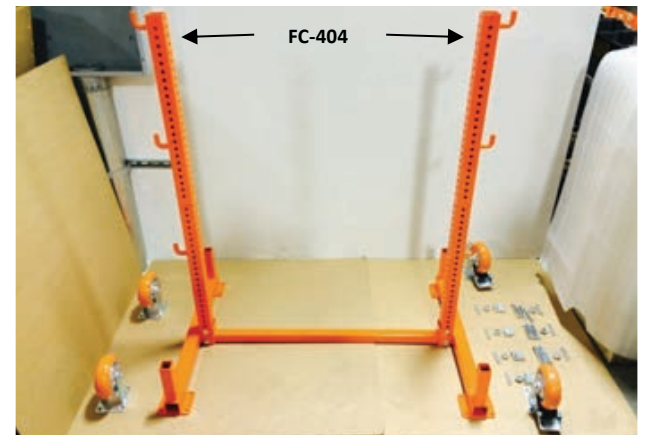


Figure 2

3. Place first set of FC-403 (cross bars) with two (2) FC-407 shelves into position. Leave 11 holes visible between the bottom cross bar and the first shelf cross bar. **Save the cross bar shelf with the iTOOLCO logo for last.**

Use four (4) HW-142 3/8" x 3" bolts, eight (8) HW-146 (3/8" washers), and four (4) HW-150 (3/8" Nyloc hex nuts) to fasten cross to side tubing.

As in previous steps, do not tighten the hardware. Fig. 3

4. Place second set of FC-403 (cross bars) with two (2) FC-407 shelves into position. Leave 12 holes visible between the first shelf cross bar and the second shelf cross bar. Use four (4) HW-142 3/8" x 3" bolts, eight (8) HW-146 (3/8" washers), and four (4) HW-150 (3/8" Nyloc hex nuts) to fasten cross to side tubing.

As in previous steps, do not tighten the hardware. Fig.4

5. Place last set of FC-403 (cross bars) with two (2) FC-407 shelves into position. Leave 3 holes visible between the first shelf cross bar and the second shelf cross bar. Use four (4) HW-142 3/8" x 3" bolts, eight (8) HW-146 (3/8" washers), and four (4) HW-150 (3/8" Nyloc hex nuts) to fasten cross to side tubing.

After this step, make sure everything is aligned and square. Then tighten all hardware. Fig.5

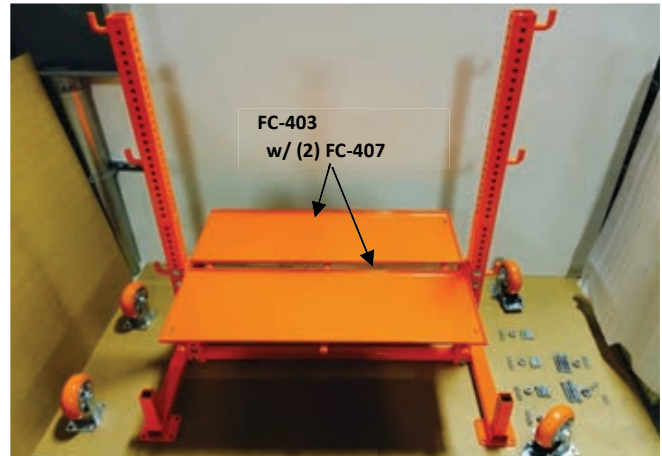


Figure 3

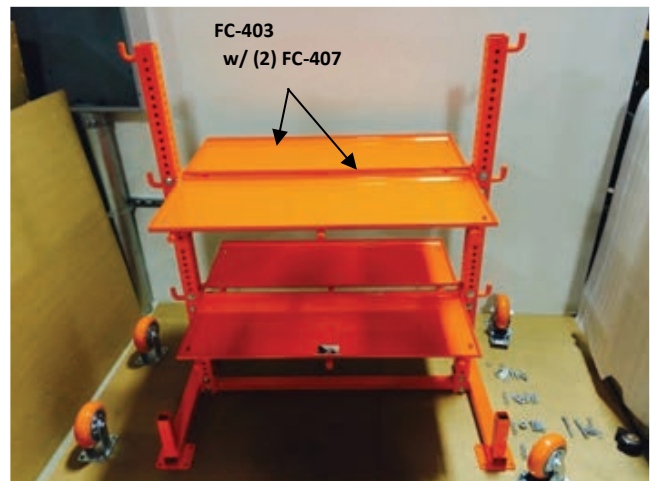


Figure 4



Figure 5

6. Once the Freedom Cart frame has been assembled and all hardware completely tightened, the FC-406 (shelf latches) can be installed. Refer to Fig. 6 and Fig. 7 for locations and position.

Using six (6) HW-142 (3/8" x 3" bolts), twelve (12) HW-146 (3/8" washers), six (6) HW-150 (3/8" Nyloc hex nuts), and twelve (12) FC-406 (shelf latch), attach a latch on each side of the telescoping tubing. Fig. 7.

Washers are placed between telescoping tubing and latches.

Once in place, the hardware can be tightened to a snug fit so that latches can be rotated into position to hold the shelves. Fig. 8.

7. Using three (3) HW-142 (3/8" x 3" bolts), six (6) HW-146 (3/8" washers), three (3) HW-150 (3/8" Nyloc hex nuts), and six (6) FC-406 (shelf latch), attach a latch on each side of the telescoping tubing on the opposite side of the cart (this time through the oval hole). Fig. 9 & Fig. 10.

The shelf latch should be positioned to curve around the perforated tubing. Fig. 9.

First set of latches should be placed in the upper most holes and the other two sets halfway between each shelf. Washers are placed between bolt and the latches.

Once in place, the hardware can be tightened to stop the shelves from falling through to the other side. Fig. 9 & Fig. 10.

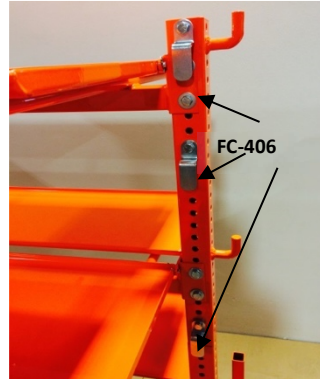


Figure 6

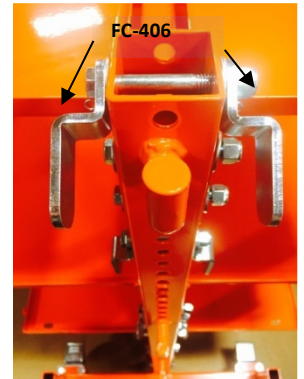


Figure 7



Figure 8



Figure 9



Figure 10

8. After the Freedom Cart frame is complete, install the wheels using four (4) HW-150 (3/8" Nylock hex nuts), HW-135 (3/8" x 1-1/4" bolts), eight (8) HW-146 3/8" washers, for each of the four wheels. Fig. 11

When installing the wheels, be sure two fixed wheels are on one side of the cart and two swivel wheels are on the opposite end.

Also, bolts for the caster with swivels will need to be assembled with bolts facing up to allow caster to swivel.



Figure 11

9. The final step is to place all HW-256 (lynch pins) on the ends of each of the rods. Fig. 12

Then your Freedom Cart is ready for use.



Figure 12



LIMITED WARRANTY: ITOOLCO FREEDOM CART

iTOOLco warrants all new Freedom Carts covered by this agreement, when properly used, to be free from defects in material and workmanship under normal use and service for which it is intended for a period of one year from date of delivery by the dealer. Date of delivery shall be the date product is placed in possession of the user. NORMAL WEAR FROM USE IS NOT PART OF THIS WARRANTY. This limited warranty is extended to the original user only and is not transferrable to, nor enforceable by any other person.

iTOOLco will replace free of charge any part(s) of the product found to be defective when such part(s) is returned to iTOOLco at the address shown below, freight prepaid. If the part(s) is found to be defective, iTOOLco will refund freight charges paid by you in returning the defective part(s) and prepay replacement part(s) freight charges. iTOOLco will not be responsible for more than replacement of any defective part(s) and standard freight charges (parcel post or UPS ground rate) of any part(s) found to be defective.

THIS IS THE EXCLUSIVE REMEDY. ITOOLCO SHALL NOT BE RESPONSIBLE OR LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM ANY DEFECTS COVERED BY THIS WARRANTY OR ANY IMPLIED WARRANTY APPLICABLE TO THE PRODUCT INCLUDING, BUT NOT LIMITED TO, PROPERTY DAMAGE, LOSS OF USE OF PRODUCT, LOSS OF TIME, LOSS OF PROFITS, INCONVENIENCE, COMMERCIAL LOSS, LABOR COSTS, SERVICE TRIPS, AND MILEAGE.

Some states do not allow limitation on how long an implied warranty lasts, so the above limitation may not apply to you.

Dealer/Distributor Warranty Claim Procedure

1. All warranty claims must be pre-approved by iTOOLco Warranty Department PRIOR to starting any warranty work. Warranty work performed without prior approval will not be considered.
2. All claims must be handled through dealer/distributor.
3. Written approval must be received from iTOOLco before return of merchandise. A Return Authorization is to be returned with the merchandise which is sent back.
4. All parts must be returned to iTOOLco at the address shown below, freight prepaid.
5. The serial number of the product and the date of delivery must accompany the part(s) being returned.
6. If the part(s) is found to have failed because of a defect in material or workmanship, replacement will be made on a no-charge basis, and the part(s) returned, freight prepaid. Standard freight charges (parcel post or UPS ground rate) incurred in returning the part(s) will be refunded.
7. For reasons of expediency, replacement and/or repair part(s) may be shipped as soon as possible and billed to the dealer/distributor. When part(s) is returned, if it is covered under warrant, credit will be issued for the part(s) and freight charges.
8. All parts found to be defective shall be retained by and shall become the property of iTOOLco. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Corporate Address: iTOOLco
100 Meco Lane
Oak Ridge, TN 37830

