

ASSEMBLY  
MANUAL



## Heavy Duty Film Rack

# Dr.Shrink<sup>+</sup>

INTERNATIONAL SHRINK WRAP SUPPLIER



CONTACT OUR WORLD CLASS CUSTOMER SERVICE



315 Washington St.  
Manistee, Michigan  
49660-1855



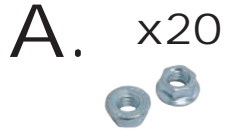
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[www.dr-shrink.com](http://www.dr-shrink.com)  
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# PARTS | Heavy Duty Film Rack

Before beginning installation, layout and verify that all parts are included before putting together your Heavy Duty Film Rack. If a part is missing, contact us at: 800-968-5147.

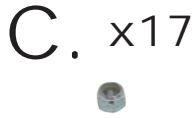


11/16" Locking Flange Nuts



11/16" Bolts

NOTE: 4 longer bolts to be used for tank & heat tool attachment installation



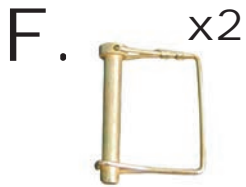
Locking 9/16" Flange Nuts



9/16" Bolts



Support Pole D-Clip



Tow Tongue D-Clip



Bungee Cord



Tank Holder

NOTE: 2 longer bolts to be used to secure to the rack



Heat Tool Holster

NOTE: 2 longer bolts to be used to secure to the rack



Swivel Caster



Rigid Caster



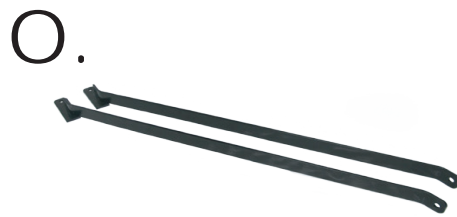
Vertical Channel Support



End Rail Channel (Steering and Non-Steering)



Support Pole Channel



Horizontal Channel Top Support



Side Rail Channel



Horizontal Channel Top Support



Support Poles (A)



Support Poles (B)

# TOOLS | Heavy Duty Film Rack



The tools listed here are not included as part of your Heavy Duty Film Rack purchase from Dr. Shrink. We recommend having these tools on hand during the construction of your film rack.

Rubber Mallet

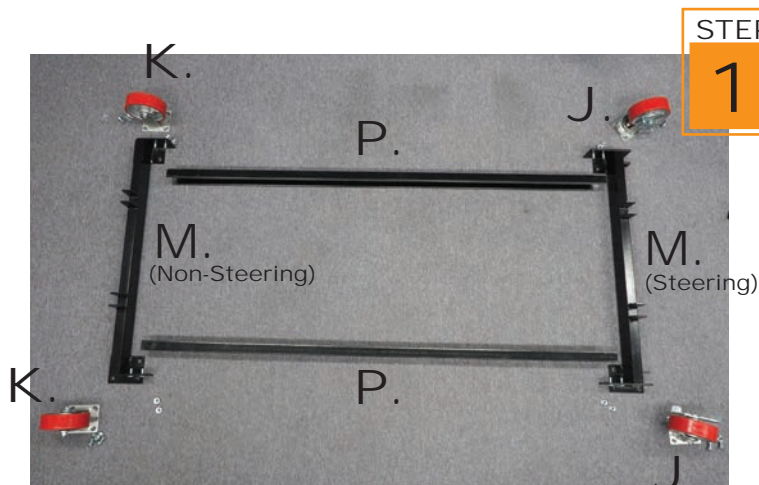
(A hammer may also be used, but may mark the black finish on the rack)

9/16" Wrench

11/16" Wrench

Socket with 11/16" and 9/16"

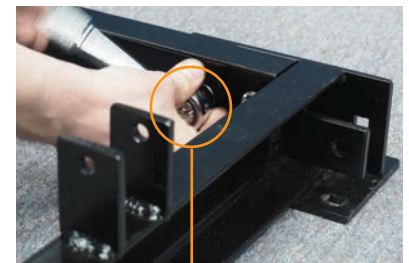
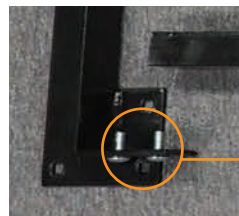
# STEP-BY-STEP INSTRUCTIONS | Heavy Duty Film Rack



STEP 1

Lay out end rail channels and side rail channels. Fasten using 11/16" bolts (B.) and nuts (A.) making sure the nut is inside the side rail channel. Tap bolts through pre-drilled holes with rubber mallet or hammer if necessary.

Tighten bolts firmly but do not completely tighten down yet.



Bolt (B.) threads facing inward, connecting the side rail with a nut (A.)



STEP  
2

Flip frame over and fasten each caster using 4 x 9/16" (D.) bolts and nuts (C.). Be sure to mount both swivel casters on the steering end rail with the brackets for the tow bar. Fasten rigid casters on the non-steering end rail. Tighten firmly but do not completely tighten down yet.



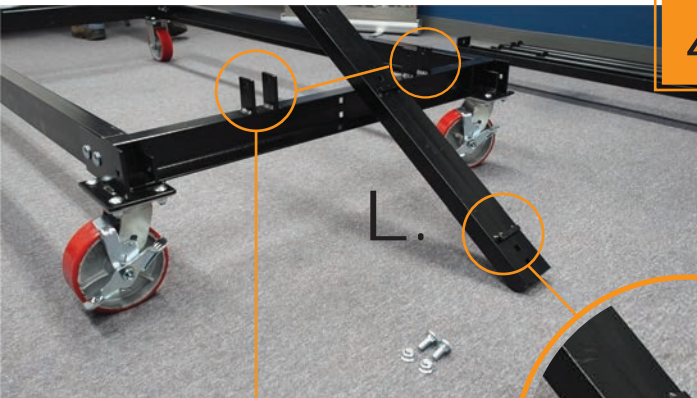
Swivel Caster mounted on steering end of rail (M.)



Attaching casters to the frame

STEP  
3

Flip base right side up so the casters are on the ground. Lock the swivel casters to reduce movement while assembling the rest of the Heavy Duty Film Rack.



**NOTE:** Swivel Caster mounted on steering end of rail, which is indicated by the tow bars. If swivel casters mounted on non-tow bar side, recommend resetting in order to easily tow the unit.

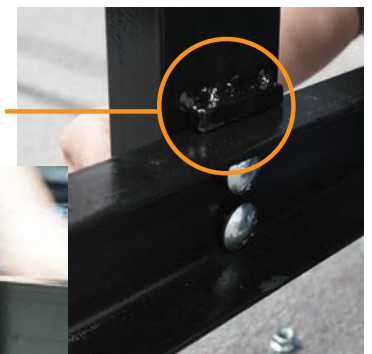
STEP  
4

Fasten the Vertical Channel Support to the End Rail Channel using 2 x 11/16" bolts (B.) and nuts (A.). Make sure that the bottom welded notch is resting on the End Rail Channel. This will provide stability and prevent the Vertical Channel Support from shifting from side to side.

Repeat with other Vertical Channel Support on the other End Rail Channel. Tighten firmly but do not completely tighten down yet.



Welded Notch resting on the end rail



BOLT SIDE ▲  
◀ NUT SIDE



STEP  
5

Fasten Support Pole Channel (N.) to Vertical Channel Support using 2 x 11/16" bolts (B.) and nuts (A.) Make sure to rest the Support Pole Channel on the second welded notch on the Vertical Channel Support. Tighten firmly but do not completely tighten down yet. Repeat with other Support Pole Channel on other Vertical Channel Support.



N.

Repeat on both sides, connecting the vertical channel support (L.) to the support pole channel (N.)



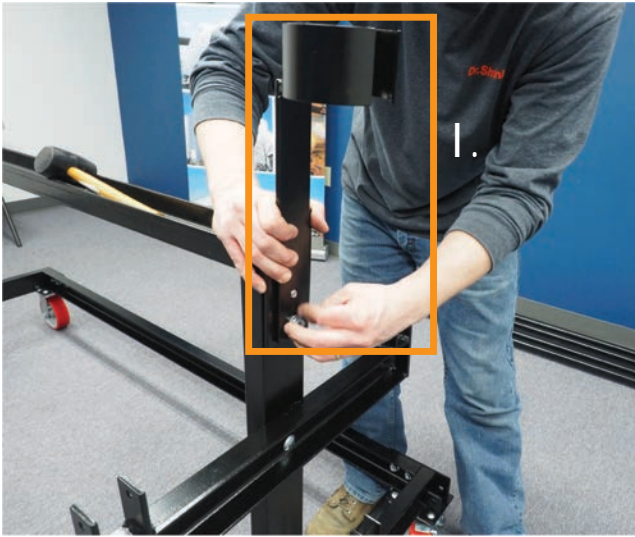
R.

STEP  
6

Position Horizontal Channel Top Support (R.) over the top of the two Vertical Channel Support with the top of the Vertical Channel Support on the inside of the Horizontal Channel Top Support. Insert 2 x 11/16" bolts in each end through the two available holes in each. Make sure to install the bolts from the inside so the threads are sticking out through the Horizontal Channel Top Support. Do not fasten nuts at this time. **THESE WILL BE THE LONGER BOLTS PROVIDED.**



**NOTE:** Make sure bolts are facing outwards. Bolts are to be installed from the inside of the vertical support - these will be used to install the heat tool and tank holders.



STEP  
7

Place the Heat Tool Holster (I.) over the 2 bolts coming out of the Vertical and Horizontal Support Channels on the end with Swivel Casters and Steering End Rail. Secure with 2 locking flange nuts but do not tighten yet. **THESE WILL BE THE LONGER BOLTS PROVIDED.**

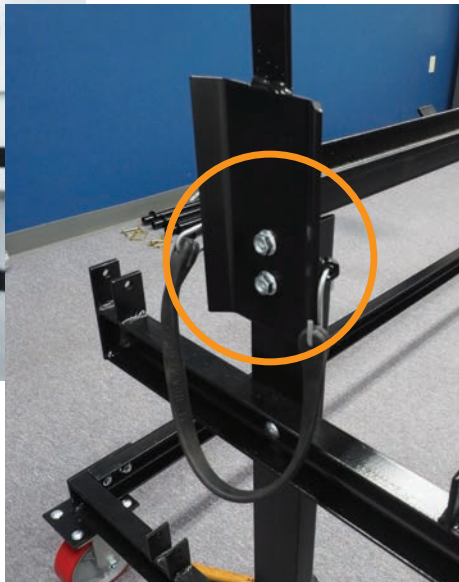


THE LONGER BOLTS (B.) PROVIDED SHOULD BE USED WITH NUTS (A.) TO SECURE THE HEAT TOOL HOLSTER (I.)



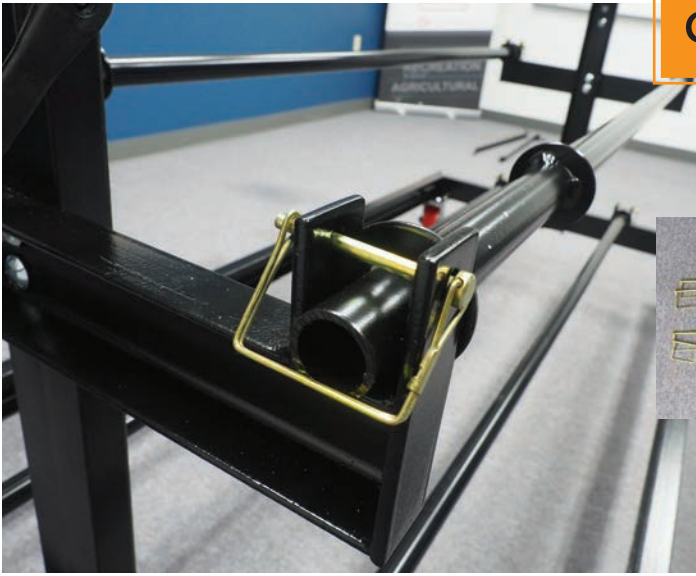
STEP  
8

Place the Tank Holder (H.) over the 2 bolts coming out of the other Vertical and Horizontal Support Channels. Secure with 2 locking flange nuts but do not tighten yet. **THESE WILL BE THE LONGER BOLTS PROVIDED.**



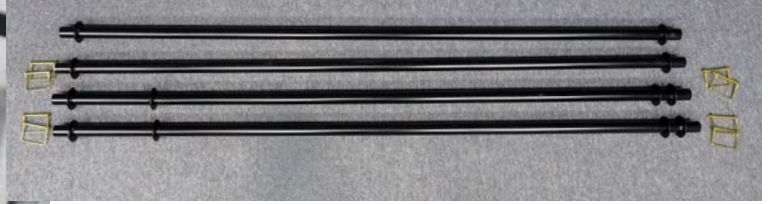
THE LONGER BOLTS (B.) PROVIDED SHOULD BE USED WITH NUTS (A.) TO SECURE THE TANK HOLDER (H.)

USING THE WELDED NUTS ON THE HOLDER, ATTACH THE TANK STRAP

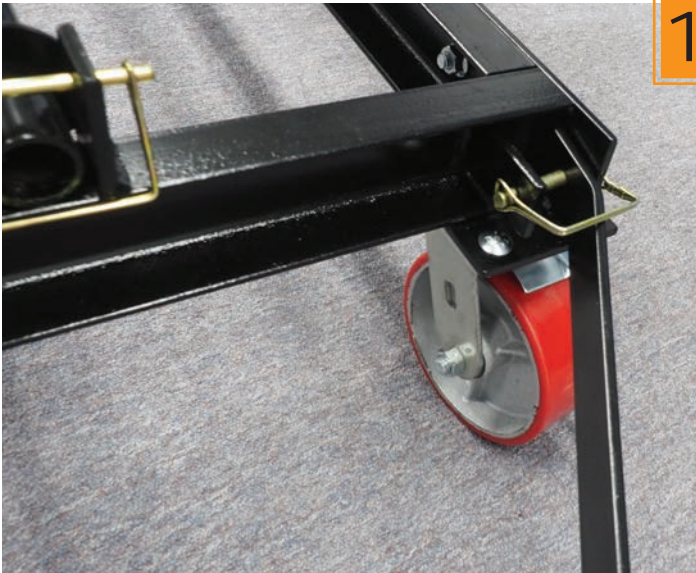


STEP  
9

Place Support Poles in slots, secure with Support Pole D-Clips.



DEPENDING ON YOUR PREFERENCE, THE SUPPORT POLES (S. & T. ) MAY BE INSTALLED ON ANY OF THE 4 AVAILABLE SLOTS ON THE RACK



STEP  
10

OPTIONAL

Assemble Tow Tongue Rail using 1 x 9/16" bolt and locking flange nut. Secure to frame using 2 x Tow Tongue D-Clips.



BOLTED TOW RAIL TOGETHER

STEP  
11

**VERY IMPORTANT**

Tighten down all nuts and bolts using a wrench or socket to make sure they are tightened securely.





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