



T30 Series Storage Reel

ASSEMBLY INSTRUCTIONS



S.R. Smith, LLC
1017 SW Berg Parkway
Canby, Oregon 97013
Tel: 1 (800) 824-4387
www.srsmith.com

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APPLICATION

The T30 Series Storage Reel removes, stores, and deploys EnergySaver Thermal Pool Covers. It is important to follow these steps when using the product:

1. Always apply the floor brakes when removing, storing, or deploying pool covers.
2. Always move the reel with a minimum of two people.
3. Never remove, store, or place covers if the storage reel is on a sloped surface.

****IMPORTANT****

Check entire boxes and inside all packing materials for parts. Before beginning assembly, read the instructions and identify parts using the figures and parts listed in this document. It is critical that all parts be carefully inspected by the installer prior to installation to ensure that no damage occurred in transit and that a damaged part is not used.

T30 STORAGE REEL PARTS

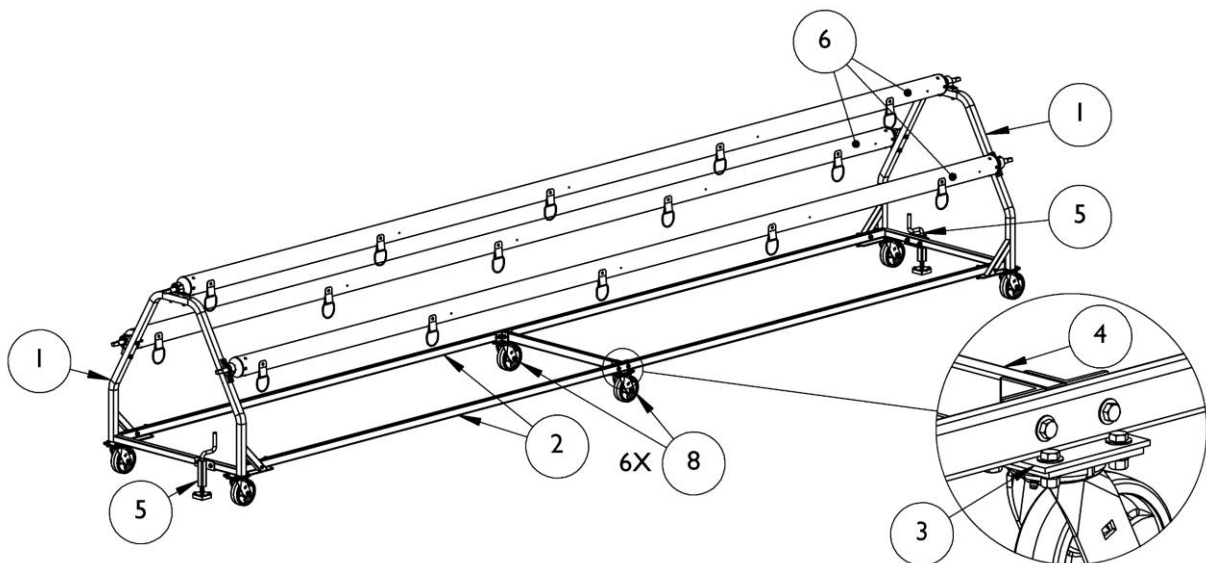
ITEM #	PART #	DESCRIPTION	QTY.
1	4-720	T30 End Frame	2
2	4-712*	Frame Connector Tube	2
4	4-711	Center Connector Tube	1
6	TR*	Tube Reel	**
A	4-750	Frame Hardware Kit	1
B	4-751	Reel Hardware Kit	**

MODEL #	TR/4-751 QTY.
T31	1
T32	2
T33	3

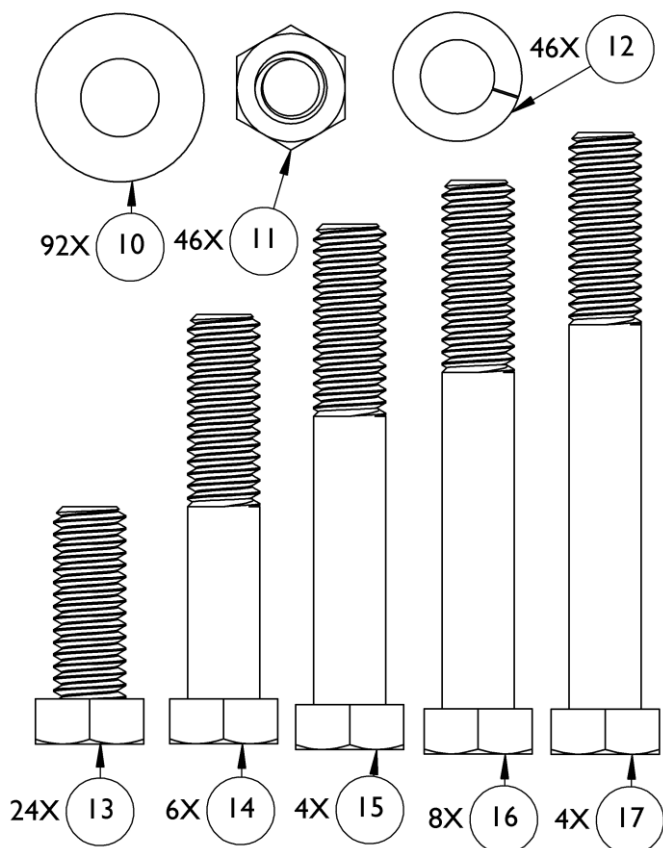
PART #	4-712 #	TR #
T31-16 T32-16 T33-16	4-712-16	TR-16
T31-17 T32-17 T33-17	4-712-17	TR-17
T31-18 T32-18 T33-18	4-712-18	TR-18
T31-19 T32-19 T33-19	4-712-19	TR-19
T31-20 T32-20 T33-20	4-712-20	TR-20

Custom reel lengths are available, but do not have standard S.R. Smith part numbers. Contact customercare@srsmith.com for replacement assistance.

4-750 T30 FRAME HARDWARE KIT (INCLUDED)			
ITEM #	PART #	DESCRIPTION	QTY.
3	4-710	Center Connector	2
5	4-730A	Brake Assembly	2
7	4-740A	Crank Assembly	1
8	4-706	CASTER, 6" SWIVEL W/O BRAKE SS	6
10	5-145-MG	3/8" X 7/8" FLAT WASHER 316 SS	92
11	05-183-11	3/8-16 NUT, 316SS	46
12	5-151-MG	3/8 LOCK WASHER,SPLIT 316 SS	46
13	05-375-1	3/8-16 X 1 HEX BOLT SS	24
14	5-113	3/8"-16 X 2" HH BOLT 316 SS	6
15	05-375-250	3/8-16 X 2 1/2 HEX BOLT SS	4
16	05-375-275	3/8-16 X 2 3/4 HEX BOLT SS	8
17	2024234	3/8-16 X 3" HH CAP SCREW SS	4
09-699		ANTI-SEIZE COMPOUND	2
4-751 T30 REEL HARDWARE KIT (INCLUDED, ONE PER REEL TUBE)			
ITEM #	PART #	DESCRIPTION	QTY.
9	4-705	PILLOW BLOCK BEARING, 1" BORE, SS	2
10	5-145-MG	3/8" X 7/8" FLAT WASHER 316 SS	8
11	05-183-11	3/8-16 NUT, 316SS	4
12	5-151-MG	3/8 LOCK WASHER,SPLIT 316 SS	4
16	05-375-275	3/8-16 X 2 3/4 HEX BOLT SS	4
07-566		COVER REEL TIE (SHOCK CORD & DOWEL)	2



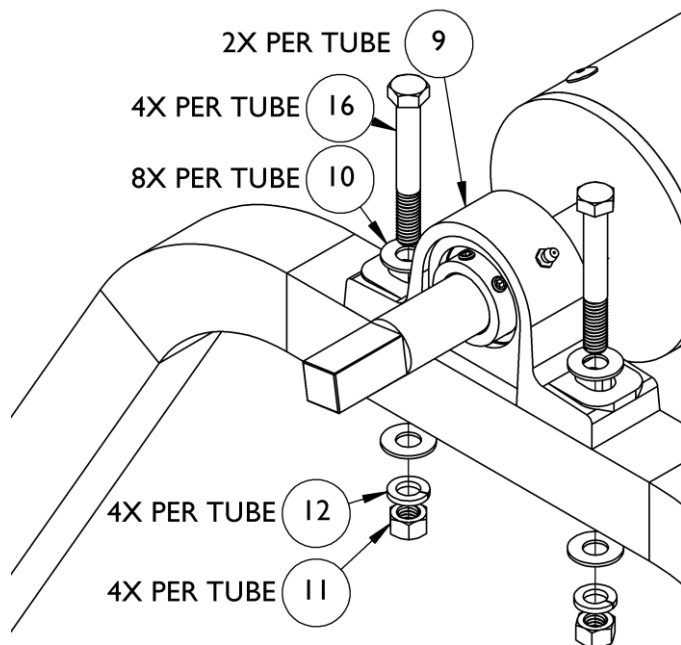
4-750 T30 Hardware Kit (SCALE 1:1)
Includes below and Items 3, 5, 7 and 8 above.



Tools Required:

1. 2x 9/16" wrenches
2. 9/64" hex key

4-751 | T30 Tube Reel Hardware Kit
Includes:



3. Anti-seize compound
(Part Number 09-699, 2x included)

ASSEMBLY INSTRUCTIONS

1. Hand-fasten two casters to each end frame with 1" bolts as shown in
2. Figure 1. Apply anti-seize (included) on each bolt. Leave fasteners loose.

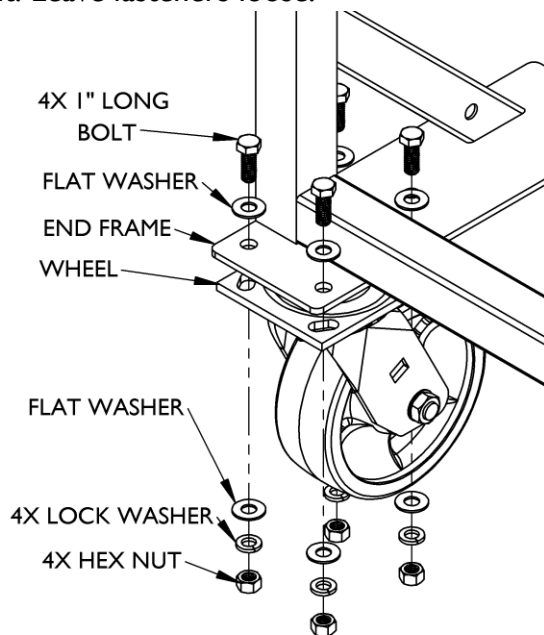


Figure 1

3. Hand-fasten two frame connector tubes to each end frame as shown in Figure 2 and Figure 3.

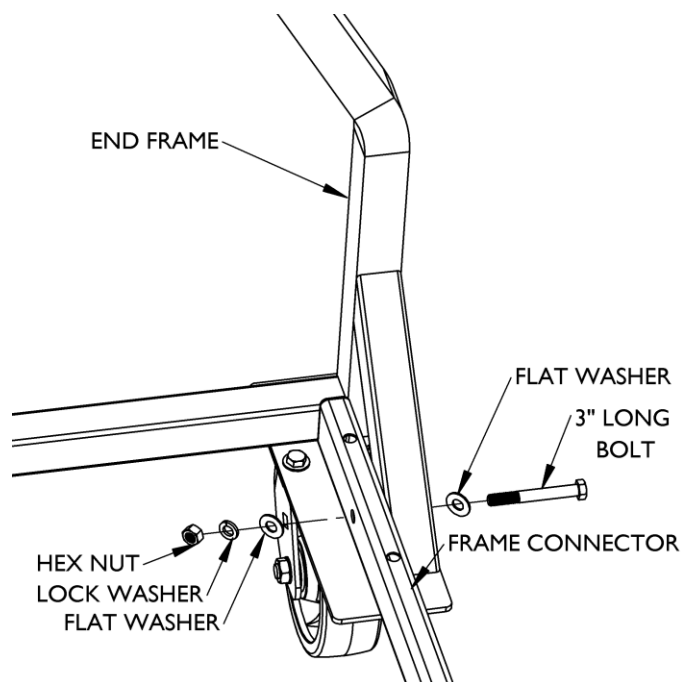


Figure 2

Hand-fasten the center connector tube to each center connector bracket with a 2" long bolt as shown in Figure 4. Figure 4

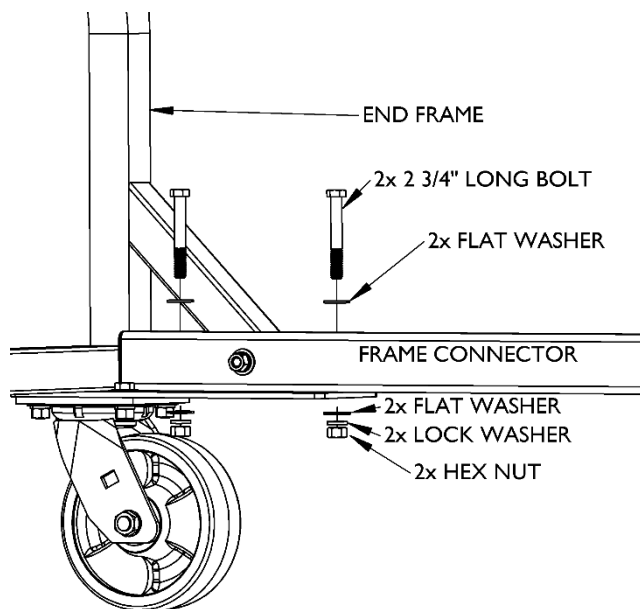


Figure 3

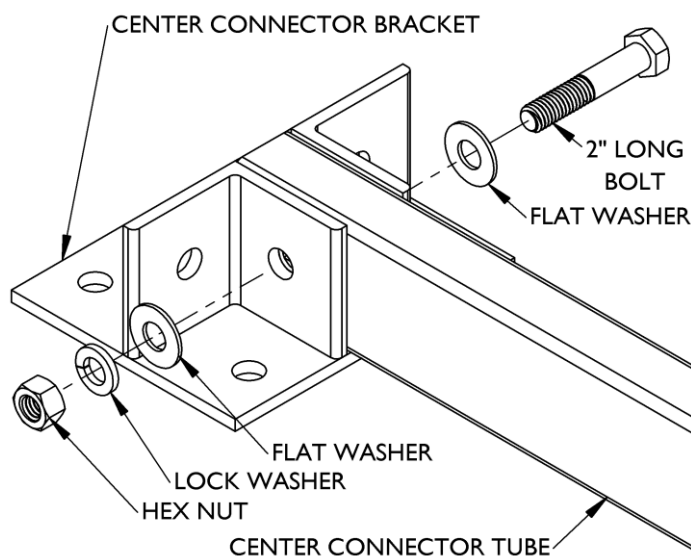


Figure 4

- Hand-fasten the center-connector assembly to each frame connector with two 2" long bolts as shown in Figure 5.

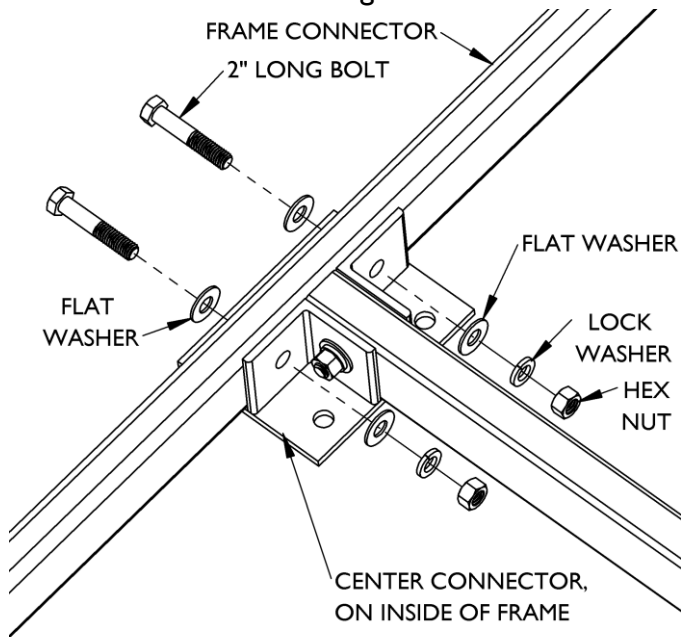


Figure 5

- Secure brake assemblies to each frame using 2.5" long bolt as shown in Figure 7. Tighten with 9/16" wrenches.

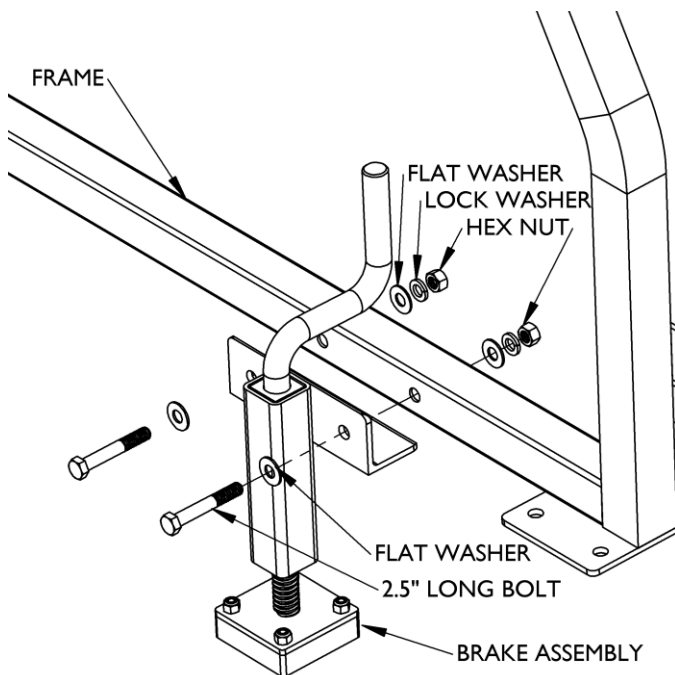


Figure 7

- Hand-fasten a caster to each center connector bracket with four 1" long bolts as shown in Figure 6.

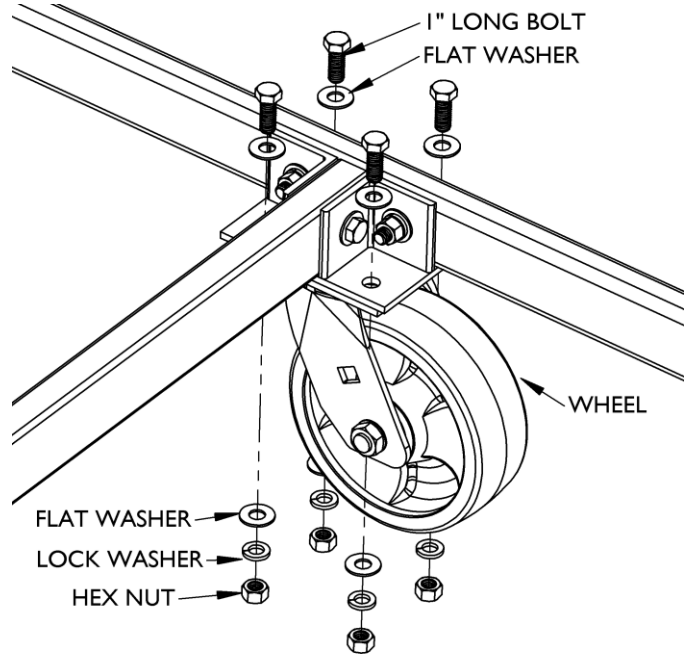


Figure 6

- Tighten all of the frame fasteners with 9/16" wrenches to secure the frame. Apply floor brakes to prevent movement when placing the tube reels.



Figure 8

8. Slide two pillow block bearings on each shaft. Place 2 3/4" long bolts and flat washers on pillow block holes. See Figure 9.

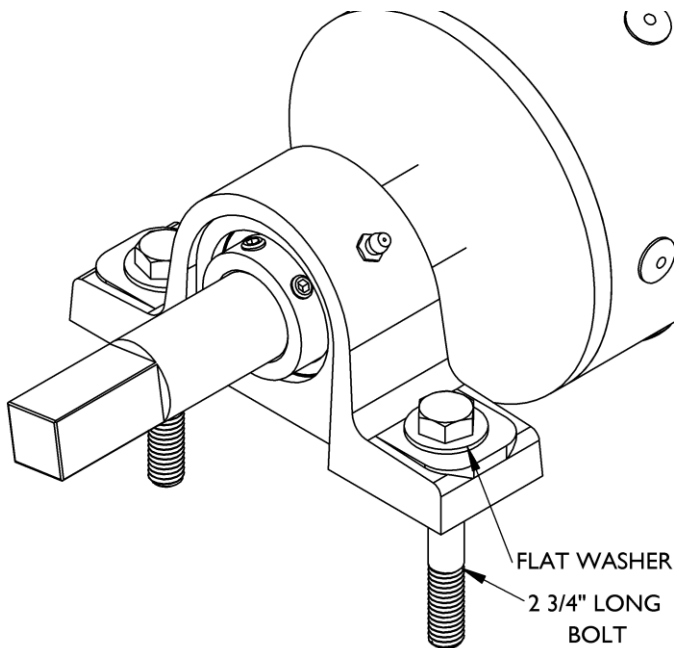


Figure 9

9. **TWO PEOPLE ARE REQUIRED FOR THIS STEP:**

Grab two hex nuts, two lock washers and two flat washers (per reel). Set the tube reel on the entry frame-refer to Figure 11- so the bolts extending from the pillow blocks go through the holes of the entry frame as shown in Figure 10. Tighten with 9/16" wrenches.

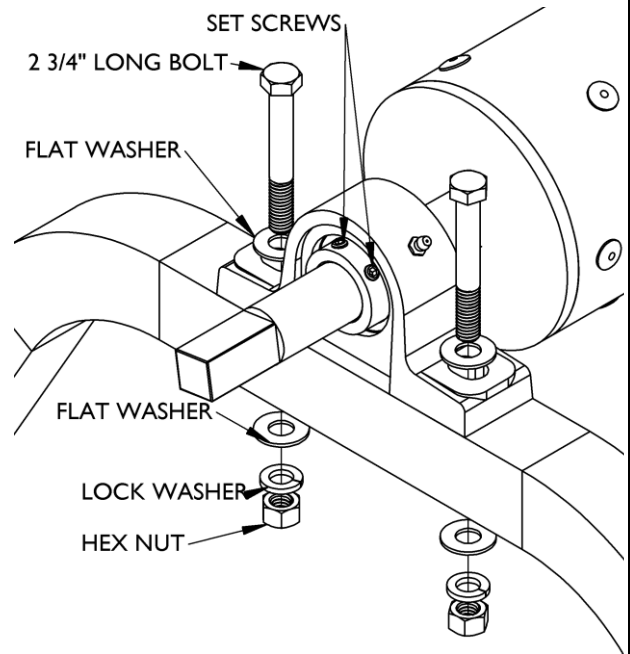
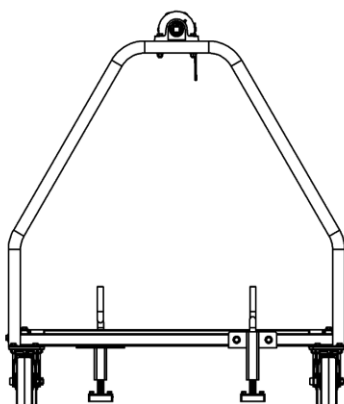
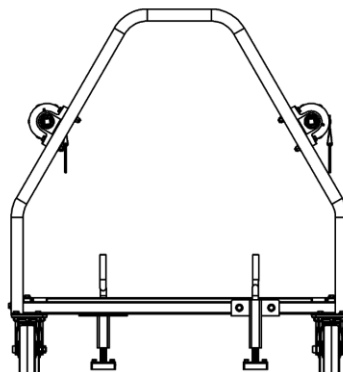


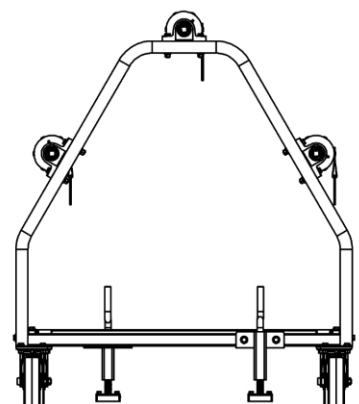
Figure 10



T31 SERIES



T32 SERIES



T33 SERIES

Figure 11

10. Adjust each reel tube so pillow block bearing is 1 1/4"-1 1/2" from the end of each tube as shown in Figure 12. Secure reel tube in place by tightening set screws in the pillow block's shaft collar as shown in Figure 10.

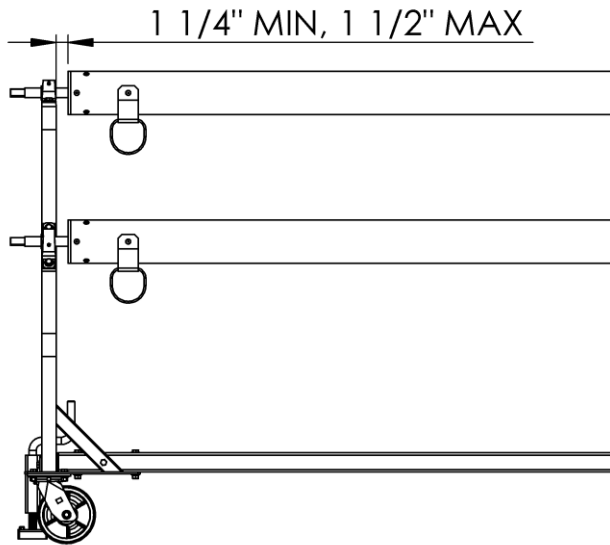


Figure 12

11. Verify all fasteners are securely tightened. Wipe surfaces with a clean cloth to remove ferrous deposits from tools and other debris.

Storage reel is now set to retrieve and store pool covers.

MAINTENANCE

- Perform regular inspections of all fasteners, brakes, bearings, collars, and tabs, making sure all are tightened properly. Constant vibration from regular use and contraction and expansion due to temperature changes will loosen fasteners and may result in dangerous structural failure.
- Perform regular surface maintenance. Storage reel frame parts are chemically passivated, but regular maintenance is required to ensure moisture, chemicals, and airborne deposits will not discolor or corrode the surface of stainless steel products. Apply mild soap and/or industrial cleaning agents with non-metallic scrubbing pad with some elbow grease.
- Never use tools made of iron, steel, zinc, or other unsuitable materials. Use carbide or other non-metallic tools.