

KEEP FOR FUTURE REFERENCE

INSTRUCTIONS FOR USE



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**INTENDED FOR USE BY SKILLED
PROFESSIONALS • READ AND
UNDERSTAND BEFORE USING**



STOWAWAY TILT TABLE




Model numbers: STT1

Record serial number in blank space above (to locate, see serial label on the product).

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SPECIFICATIONS

Model Number	STT1 (includes STT base kit and STTTF table-top surface)
 Maximum Load Capacity	500 lbs [225 kg]
Load Characteristics	Flat sheet material; maximum thickness = 2" [5 cm]
Dimensions	Table top = 69¼" x 96" [176 cm x 244 cm] Table height = 35½" [90 cm] Folded width = 27" [69 cm] with load support rollers Folded height = 83" [211 cm]
 Product Weight	Without table-top surface = 334 lbs [152 kg] With table-top surface = 414 lbs [188 kg]
 Tilt Capability	Manual, 80° flat/upright load orientation

SAFETY



Wear personal protective equipment that is appropriate for the load material. Follow trade association guidelines.



Do not remove or obscure safety labels.



Do not make any modifications to the table (see “LIMITED WARRANTY”).



Do not use the table if it is damaged, malfunctioning, or missing parts.



Use proper lifting techniques when adjusting the table, placing a load on the table or removing a load from the table.



Do not handle cracked or broken glass with the table.



Do not exceed the Maximum Load Capacity or handle loads the table was not designed for (see “INTENDED USE”).



Do not use the table if the Maximum Load Capacity or any safety label appears to be missing or obscured.



Keep unauthorized personnel away from the table, to prevent injury in the event that a load shifts unexpectedly while using the table.



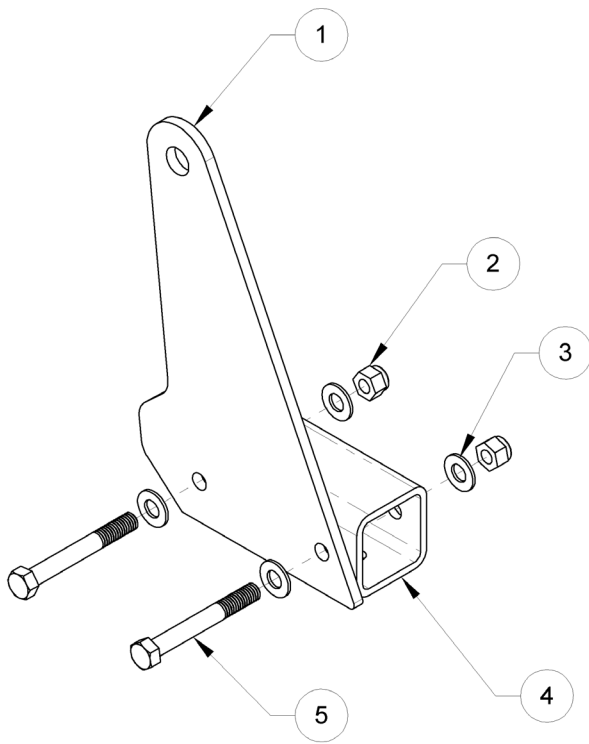
Do not allow people to ride or stand on the table.



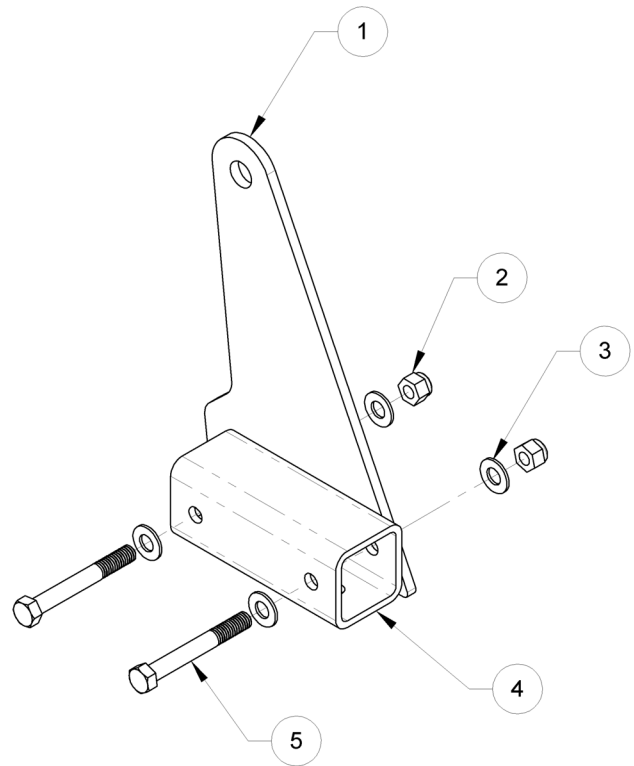
Do not leave tilted loads unattended.

ASSEMBLY

- 1) Remove all materials used to protect the table pieces during shipping. Then remove the pieces from the shipping container.
- 2) Assemble the left and right assemblies for the large pivots:



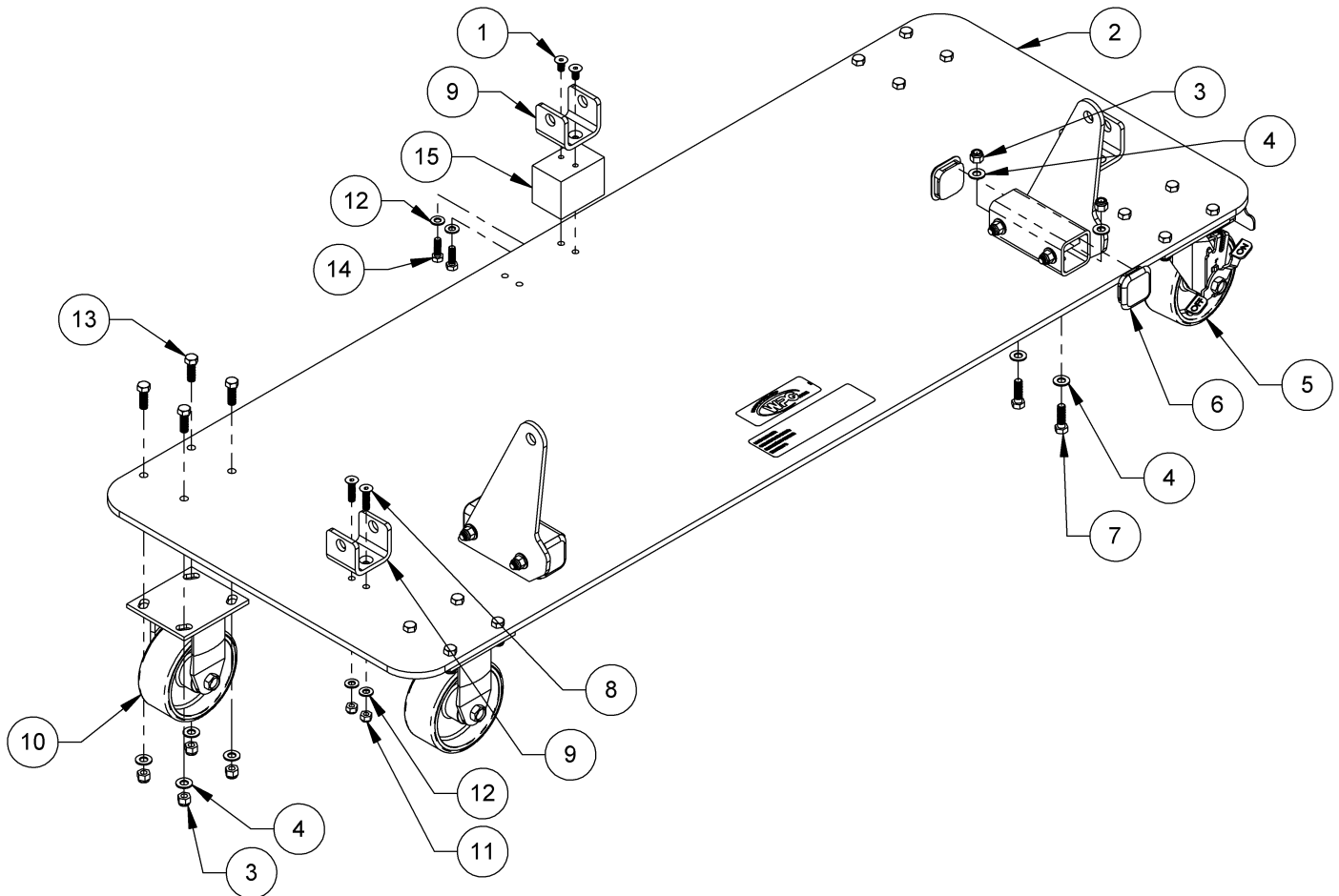
- 1 LARGE PIVOT BRACKETS
- 3 3/8" SAE FLAT WASHERS
- 5 3/8-16 x 3" HEX HEAD BOLTS



- 2 3/8-16 NYLON LOCK NUTS
- 4 LARGE PIVOT BRACKET MOUNTS

ASSEMBLY

3) Assemble the base assembly:



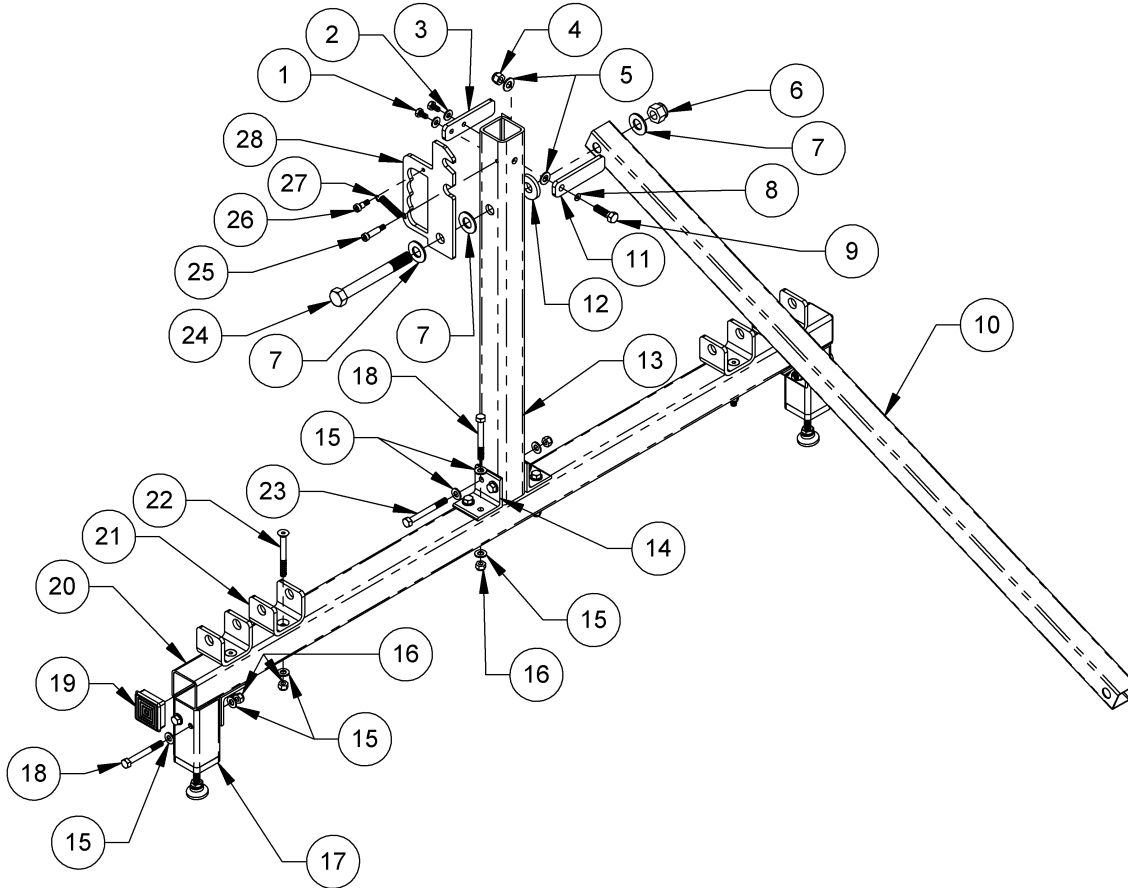
- 1 5/16-18 x 5/8" FLAT HEAD SOCKET BOLT
- 3 3/8-16 NYLON LOCK NUT
- 5 5" DIA x 2" SWIVEL CASTER W/LOCK
- 7 3/8-16 x 1-1/4" HEX HEAD BOLT
- 9 SMALL PIVOT BRACKET
- 11 5/16-18 NYLON LOCK NUT
- 13 3/8-16 x 1-1/8" HEX HEAD BOLT
- 15 CENTER PIVOT SPACER

- 2 BASE PLATE w/LABELS
- 4 3/8" SAE FLAT WASHER
- 6 END PLUG FOR 2" x 2" x 3/16" TUBING
- 8 5/16-18 x 1-1/4" FLAT HEAD SOCKET BOLT
- 10 5" DIA x 2" FIXED CASTER
- 12 5/16" SAE FLAT WASHER
- 14 5/16-18 x 1" HEX HEAD BOLT

ASSEMBLY

4) Assemble the support leg assembly:

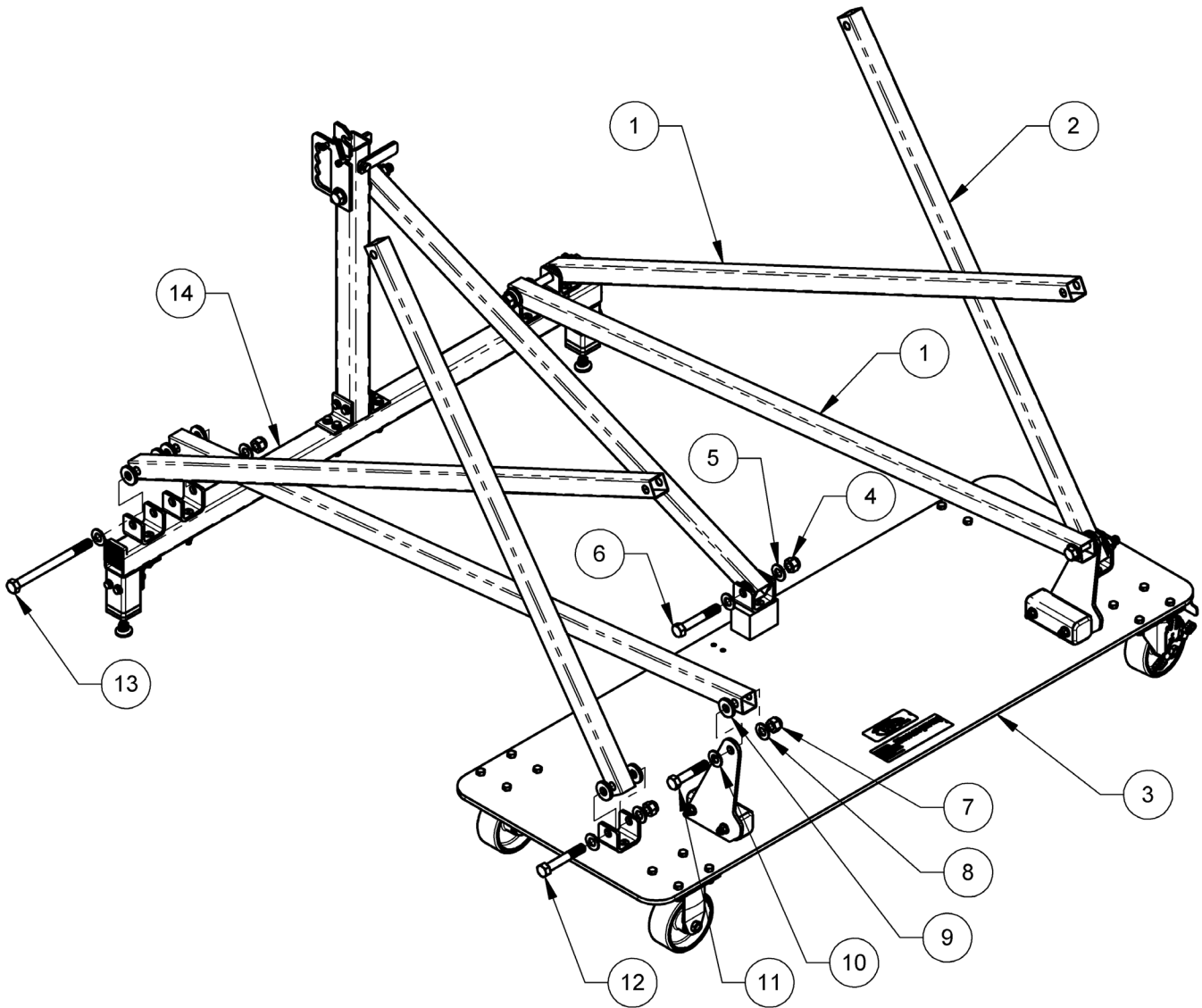
Note: Do not over-tighten moving parts; they should move with enough resistance to maintain position unless movement is intentionally initiated.



- | | | | |
|----|---|----|---|
| 1 | 1/4-20 x 1/2" HEX HEAD BOLT | 2 | 1/4" SAE FLAT WASHER |
| 3 | SUPPORT LEG STOP | 4 | 3/8-16 NYLON LOCK HEX NUT |
| 5 | 3/8" SAE FLAT WASHER | 6 | 5/8-11 NYLON LOCK HEX NUT |
| 7 | 5/8" SAE FLAT WASHER | 8 | 3/8" NYLON FLAT WASHER |
| 9 | 3/8-16 x 1-1/4" HEX HEAD BOLT | 10 | SHORT LINKAGE TUBE |
| 11 | SUPPORT LEG LATCH | 12 | NYLON SPACER |
| 13 | VERTICAL SUPPORT LEG | 14 | SUPPORT LEG CORNER BRACKET |
| 15 | 5/16" SAE FLAT WASHER | 16 | 5/16-18 NYLON LOCK HEX NUT |
| 17 | SUPPORT LEG w/SWIVEL LEVELING FOOT | 18 | 5/16-18 x 2-3/4" HEX HEAD BOLT |
| 19 | END PLUG FOR 2" x 2" x 0.120" TUBING | 20 | HORIZONTAL SUPPORT LEG |
| 21 | SMALL PIVOT BRACKET | 22 | 5/16-18 x 3" FLAT HEAD SOCKET BOLT |
| 23 | 5/16-18 x 3" HEX HEAD BOLT | 24 | 5/8-11 x 5-1/2" HEX HEAD BOLT |
| 25 | 5/16-18 x 1" x 1/4-20 SOCKET HEAD SHOULDER BOLT | 26 | 5/16-18 x 3/8" x 1/4-20 SOCKET HEAD SHOULDER BOLT |
| 27 | TILT LATCH SPRING | 28 | TILT LATCH HANDLE |

ASSEMBLY

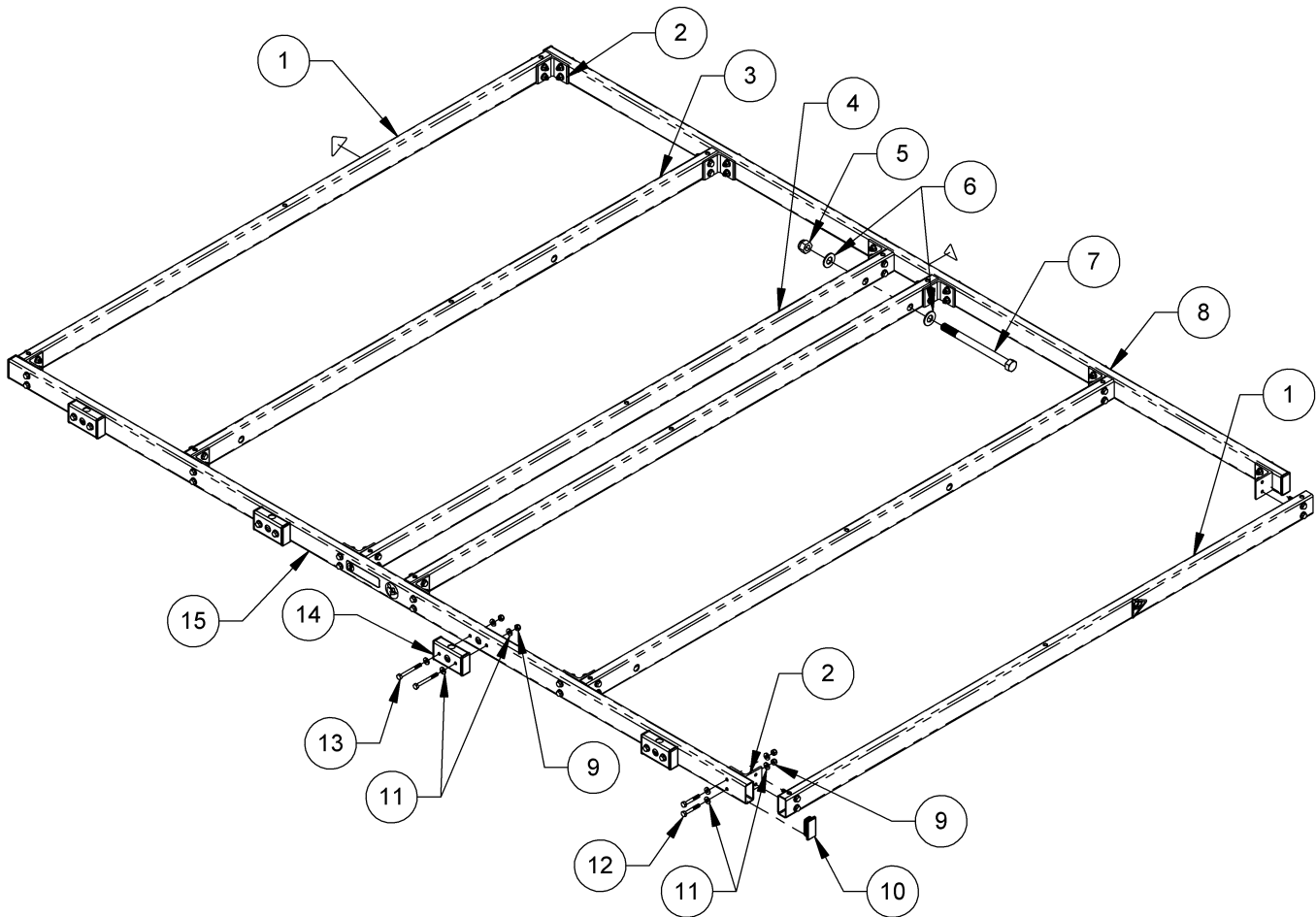
5) Assemble the base frame assembly:



- | | |
|----------------------------------|------------------------------|
| 1 LONG LINKAGE TUBES | 2 SHORT LINKAGE TUBES |
| 3 BASE ASSEMBLY | 4 5/8-11 NYLON LOCK HEX NUT |
| 5 5/8" SAE FLAT WASHER | 6 5/8-11 x 4" HEX HEAD BOLT |
| 7 5/8-11 NYLON LOCK HEX NUT | 8 5/8" SAE FLAT WASHER |
| 9 NYLON SPACER | 10 5/8" SAE FLAT WASHER |
| 11 5/8-11 x 3-1/4" HEX HEAD BOLT | 12 5/8-11 x 4" HEX HEAD BOLT |
| 13 5/8-11 x 8" HEX HEAD BOLT | 14 SUPPORT LEG ASSEMBLY |

ASSEMBLY

6) Assemble the top frame assembly:

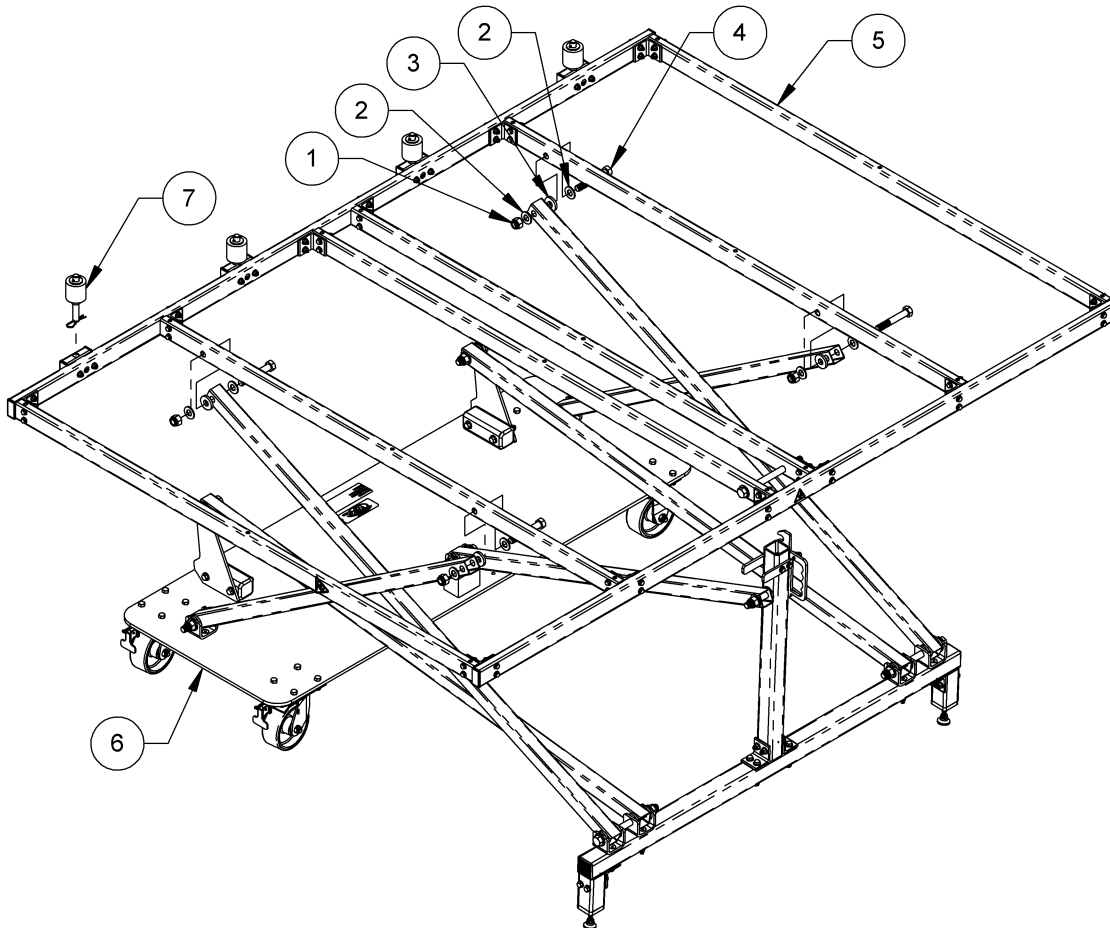


- | | |
|----------------------------------|---|
| 1 VERTICAL TUBE C w/LABELS* | 2 TOP CORNER BRACKETS |
| 3 VERTICAL TUBE B w/SERIAL LABEL | 4 VERTICAL TUBE A |
| 5 5/8-11 NYLON LOCK HEX NUT | 6 5/8" SAE FLAT WASHER |
| 7 5/8-11 x 8" HEX HEAD BOLT | 8 TOP TABLE TUBE w/LABEL |
| 9 1/4-20 NYLON LOCK HEX NUT | 10 END PLUG FOR 1" x 2" x 10-14 GAGE TUBING |
| 11 1/4" SAE FLAT WASHER | 12 1/4-20 x 1-3/4" HEX HEAD BOLT |
| 13 TABLE TOP ROLLER SPACE | 14 1/4-20 x 2-1/2" HEX HEAD BOLT |
| 15 BOTTOM TABLE TUBE w/LABELS | |

* Note orientation of tipping-hazard label on tube

ASSEMBLY

7) Assemble the final assembly:



- 1 5/8-11 NYLON LOCK HEX NUT
- 3 NYLON SPACER
- 5 TOP FRAME ASSEMBLY
- 7 SUPPORT ROLLER ASSEMBLY

- 2 5/8" SAE FLAT WASHERS
- 4 5/8-11 x 4" HEX HEAD BOLT
- 6 BASE FRAME ASSEMBLY

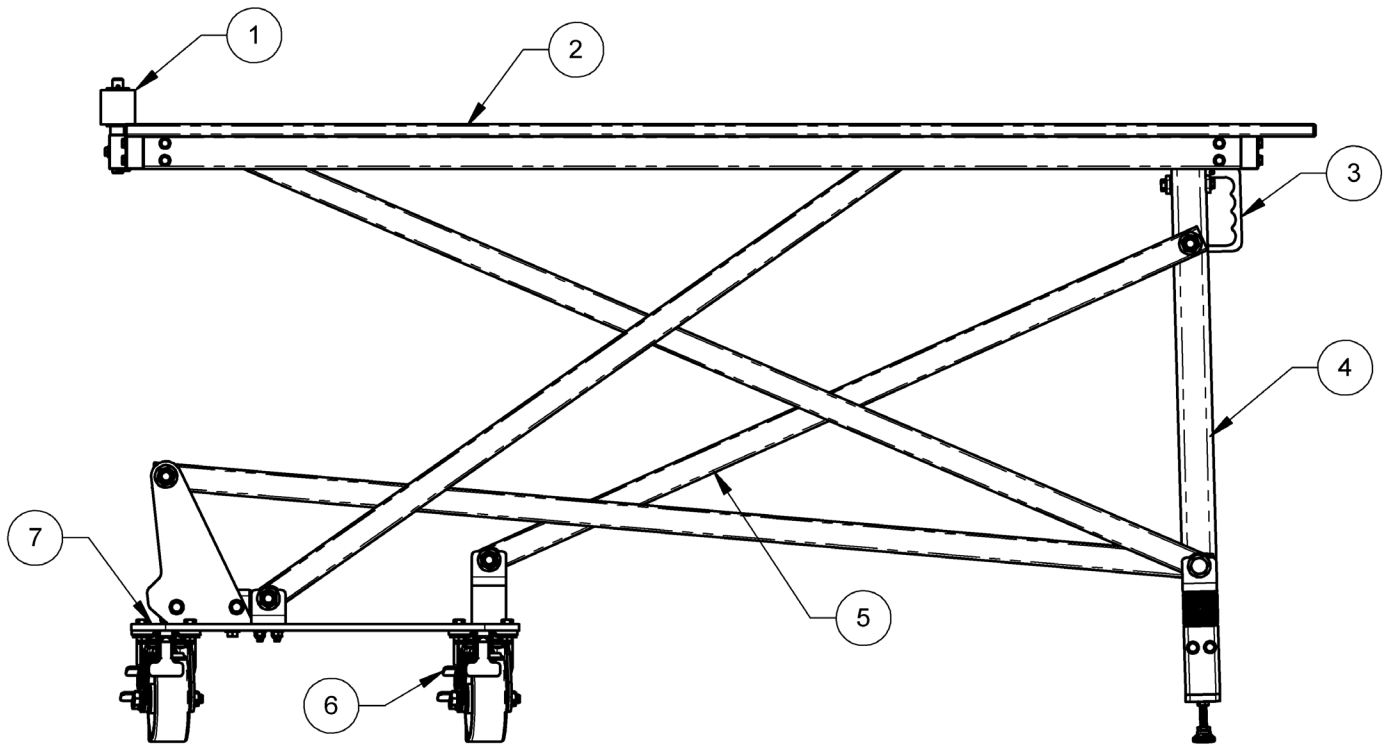
8) Securely attach the table-top surface to the top frame assembly, using the hardware supplied.

Note: When the base kit (STT) is purchased separately, install an appropriate table-top surface. This typically consists of plywood sheets cut to fit the frame dimensions, and it may include a felt covering, to help prevent scratching of the load material. A top surface of this type (STTTF) or a felt kit to construct such a surface using customer-supplied wood (STTTFK) may be purchased from WPG or a distributor (see ["REPLACEMENT PARTS"](#)).

9) Perform test as required under ["TESTING"](#).

USAGE FEATURES

Features shown here are underlined on their first appearance in each section following.



- | | | | |
|---|-------------------------|---|--------------|
| 1 | LOAD SUPPORT ROLLER | 2 | TABLE TOP |
| 3 | TILT LATCH HANDLE | 4 | SUPPORT LEG |
| 5 | VERTICAL STABILIZER ARM | 6 | CASTER BRAKE |
| 7 | BASE | | |

BEFORE USING THE TABLE

Complete the following preparations:

Taking Safety Precautions

- Be trained in all industry and regulatory standards for table use in your region.
- Follow trade association guidelines about precautions needed for each load material.



Read all directions and safety rules before using table.



Always wear appropriate personal protective equipment.

Performing Inspections and Tests

Follow the “[INSPECTION SCHEDULE](#)” and “[TESTING](#)”.

Evaluating the Intended Use

Determine whether the table is capable of performing each intended task, in view of specific design limitations: Review the Maximum Load Capacity and Load Tilting Capability, as well as the Load Characteristics required to use the table (see “[SPECIFICATIONS](#)”). Any other use is not recommended.

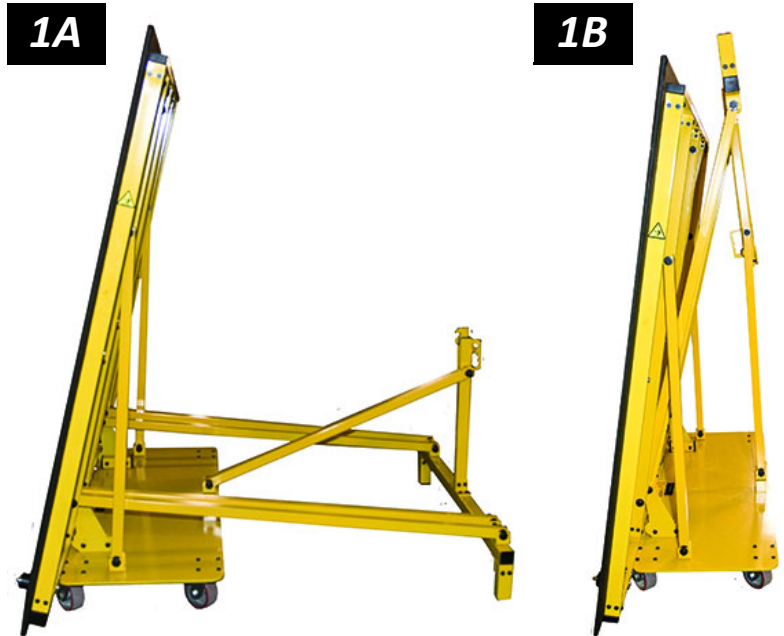
Do not use the table in rain or other unsuitable conditions.

TO FOLD OR UNFOLD THE TABLE

Before folding a table, apply the caster brakes and remove any load. If load support rollers are installed, you may reorient them, in order to achieve a narrower folded table width.

- 1) Tilt the table top to its upright position (fig. 1A) and lift the support leg upward.
- 2) Pull the vertical stabilizer arm back until it straightens out (fig. 1B).
- 3) Rotate the latch plate to secure the arm in place.

To unfold the table, reverse steps 1-3.



TO LOAD THE TABLE

Before loading a table in the horizontal position (see “[USAGE FEATURES](#)”), lock the caster brakes and verify that the tilt latch is securely engaged.

Place a load on the table *carefully*; dropping or bouncing a load onto the table could damage the frame. Make sure the load is directly supported underneath by at least two structural members of the table top frame. Otherwise, uneven loading could result in frame damage.

When load support rollers are installed, the table can be loaded in either the folded position (fig. 1A) or the upright position (fig. 1B). Install the rollers in their extended position and secure them with the pins supplied. Lock the brakes, and set or roll an upright load onto the rollers. The load surface should rest against the table-top surface. Make sure to use at least 2 rollers at all times; they provide stable support and make tilting or moving the table easier and more secure.

Caution: A table in the folded position may lack sufficient counter-balance for the load and, if so, could tip over. Manually support the load until you can verify that the table will not tip over while supporting or transporting the load.



If the table is folded, make sure load will not tip over.

TO TILT THE LOAD

Note: A loaded table requires more vertical space when tilted from the horizontal position to the upright position.

- 1) Confirm the following:
 - Caster brakes are applied.
 - Load support rollers are secured in their extended position.
 - The load fits snugly against the rollers.

- 2) Release the table top to tilt upward by pulling outward on the tilt latch handle. At the same time, maintain a hold on the table top to keep the load under control throughout the tilt.



Keep load under control at all times; failure to do so could result in injury.

Caution: A shorter, denser load is more likely to swing upward abruptly when the latch is released.

- 3) Allow the table top to move upward until it attains the fully upright position. If necessary, lift and/or push on the table top. The table top should automatically stay in the upright position.

When tilting the loaded table back to the horizontal position, carefully pull the table top down until it latches on the table base.

TO TRANSPORT A LOADED TABLE

- 1) Apply the caster brakes.
- 2) Load the table in the folded position as previously directed.
- 3) Secure the load onto the table using a strap or other appropriate means.

If necessary, place appropriate weight on the table base to stabilize a loaded, folded table and prevent it from tipping over.



Make sure load will not cause table to tip over.

- 4) Release the brakes and use 2 people to roll the loaded table to the desired location. Then reapply the brakes.

Caution: Because table casters are designed to be used only on smooth, even surfaces, make sure floor is clean and free from obstructions.

To UNLOAD THE TABLE

Before unloading a table, apply the caster brakes. If the table is in the horizontal position, make sure that the tilt latch is fully engaged. Then carefully remove the load from the table.

AFTER USING THE TABLE

Store the table in its folded position, in a dry location.

INSPECTIONS, TESTS AND MAINTENANCE

INSPECTION SCHEDULE

Perform inspections according to the following frequency schedule. If any fault is found, correct it and perform the next most frequent inspection before using the table.

Note: If the table is used less than 1 day in a 4-week period, perform the Periodic Inspection before using it.

Action	Every Use	Frequent ¹ (every 20-40 hrs)	Periodic ² (every 250-400 hrs)
Examine <u>table top</u> surface for anything that may damage load.	✓	✓	✓
Examine table's structure for visual damage.		✓	✓
Examine entire table for evidence of: <ul style="list-style-type: none">• looseness, excessive wear or excessive corrosion• deformation, cracks, dents to structural or functional components• any other hazardous conditions			✓

1..... The Frequent Inspection is also required whenever the table has been out of service for 1 month or more.

2..... The Periodic Inspection is also required whenever the table has been out of service for 1 year or more. Keep a written record of all Periodic Inspections. If necessary, return the table to WPG or an authorized dealer for repair (see ["LIMITED WARRANTY"](#)).

TESTING

Perform these tests when placing the table in service *initially, following a repair or whenever necessary*. Correct any deficiency and retest before using the table.

- Test all features and functions of the table (see ["USAGE FEATURES"](#) and ["USAGE"](#)).

MAINTENANCE

Maintenance must be performed whenever a deficiency is indicated by routine inspections or tests. Any maintenance warranted must be performed before resuming normal use of the table.

REPLACEMENT PARTS

Stock No.	Description	Qty.
66483AM	Fixed Caster – 5" Diameter x 2" Wide – Polyurethane on Iron	2
66483	Swivel Caster – 5" Diameter x 2" Wide – Polyurethane on Iron – with Brake	2
59348AP	Load Support Roller	1
59334	Nylon Spacer	21
59344	Tilt Latch Spring	1
59321	Table Top Felt Kit (STTFK)	1
59320	Table Top Surface w/Felt Covering (STTTF)	1
49120	Tube End – 2" x 2" x 11-12 Gage Tubing Size – 3/8-16 Tap	2
49110	End Plug – 2" x 2" x 3/16" Tubing Size	4
29306TT	End Plug – 2" x 2" x 0.120" Tubing Size	4
29306TM	End Plug – 1" x 2" x 10-14 Gage Tubing Size	12
15731	Swivel Leveling Foot – 2-7/8" Long x 3/8-16 Thread	2

**SERVICE ONLY WITH IDENTICAL REPLACEMENT PARTS,
AVAILABLE AT WPG.COM OR THROUGH AN AUTHORIZED WPG DEALER**

LIMITED WARRANTY

Wood's Powr-Grip® (WPG) products are carefully constructed, thoroughly inspected at various stages of production, and individually tested. They are warranted to be free from defects in workmanship and materials for a period of one year from the date of purchase.

If a problem develops during the warranty period, follow the instructions below to obtain warranty service. If inspection shows that the problem is due to defective workmanship or materials, WPG will repair the product without charge.

Warranty does not apply when ...

- modifications have been made to the product after leaving the factory
- rubber portions have been cut or scratched during use;
- repairs are required due to abnormal wear and tear, and/or;
- the product has been damaged, misused or neglected.

If a problem is not covered under warranty, WPG will notify the customer of costs prior to repair. If the customer agrees to pay all repair costs and to receive the repaired product on a C.O.D. basis, then WPG will proceed with repairs.

TO OBTAIN REPAIRS OR WARRANTY SERVICE

For purchases in *North America*:

Contact the WPG Technical Service Department. When factory service is required, ship the complete product – prepaid – along with your name, address and phone number to the street address listed at the bottom of this page. WPG may be reached by phone or fax numbers listed below.

For purchases in *all other localities*:

Contact your dealer or the WPG Technical Service Department for assistance. WPG may be reached by phone or fax numbers listed below.

Wood's Powr-Grip Co., Inc.

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