

# ***SawStop***<sup>®</sup>

## **T-Glide<sup>™</sup> Fence System- Industrial Series**

### **OWNER'S MANUAL**



## **Warranty**

SawStop warrants to the original retail purchaser of a new T-Glide Fence System - Industrial Series from an authorized SawStop distributor that the fence system will be free from defects in material and workmanship for TWO YEARS from the date of purchase. SawStop warrants to the original retail purchaser of a refurbished, demonstration or floor model T-Glide Fence System - Industrial Series from an authorized SawStop distributor that the fence system will be free from defects in material and workmanship for ONE YEAR from the date of purchase.

This warranty does not apply to defects arising from misuse, abuse, negligence, accidents, normal wear-and-tear, unauthorized repair or alteration, or lack of maintenance. This warranty is void if the fence system or any portion of the fence system is modified without the prior written permission of SawStop, LLC, or if the fence system is located or has been used outside of the country where the authorized SawStop distributor from whom the fence system was purchased resides.

Please contact SawStop to take advantage of this warranty. If SawStop determines the fence system is defective in material or workmanship, and not due to misuse, abuse, negligence, accidents, normal wear-and-tear, unauthorized repair or alteration, or lack of maintenance, then SawStop will, at its expense and upon proof of purchase, send replacement parts to the original retail purchaser necessary to cure the defect. Alternatively, SawStop will repair the fence system provided it is returned to SawStop, shipping prepaid, with proof of purchase and within the warranty period.

SawStop disclaims any and all other express or implied warranties, including merchantability and fitness for a particular purpose. SawStop shall not be liable for death, injuries to persons or property, or incidental, consequential, contingent or special damages arising from the use of the fence system.

This warranty gives you specific legal rights. You may have other rights which vary from state to state.

## **Safety**

1. You must install a rip fence before using your saw. Attempting to use the saw without a rip fence could result in serious personal injury.
2. Always use a rip fence when making rip cuts. Never perform a ripping operation freehand or a serious injury may result.
3. Always use a push stick or push block when your hand comes within 6 inches of the blade. Attempting to use the rip fence for narrow cuts without a push stick or push block could result in a serious injury.
4. Do not use the miter gauge when making rip cuts.
5. While making bevel cuts, use the fence only on the right side of the saw blade to prevent the blade from possibly contacting the fence. The brake will activate if the spinning saw blade comes into contact with the metal in the fence.

## Installation

To install the rails, extension table, and fence you will need the following tools:

5 mm hex driver and 6 mm hex key (included)

13 mm and 17 mm wrenches (or adjustable wrench)

Phillips head screwdriver

1. **Installing the Front Rail:** The first step in installing the fence is to attach the long angle iron rails to the table. Please see pages 10 and 12 for exploded views of the rails and extension tables. The rails are shipped in the long cardboard box packaged with the main tube. The front rail is the larger of the two and includes 5 countersunk holes that are used to mount the rail to the front of the table. To mount the front rail, position the rail along the front of the table with the cut-outs at the top of the rail centered on the miter gauge slots in the table. Thread three M8 x 25 countersunk socket head bolts into the tapped holes in the front of the main table. See Fig. 1. Tighten the bolts using the 5 mm hex driver.



Fig. 1

Next, mount the front rail to the cast iron extension wings using two M8 x 35 countersunk socket head bolts, two M8 washers, two M8 lock washers and two M8 hex nuts. Position the bolts through the front rail and the extension table, then install the washer, lock washer and nut (in that order) on the end of the bolt. The holes in the extension wings are not tapped and are slightly larger than the bolts they receive to allow you to use the rail to pull the wings up or down slightly, if necessary, to get the wings parallel to the table. To do this you can push down or pull up on the wing slightly and then tighten the nut to hold it in place.

2. **Installing the Rear Rail:** You install the rear rail like you installed the front rail, except that you will probably want to leave the rear rail a little loose until you get the extension table installed. The rear rail is attached to the main table by two M8 x 25 countersunk socket head bolts. Position the rear rail along the back of the table with the cut-outs at the top of the rail centered on the miter gauge slots in the table. Thread the bolts into the tapped holes and tighten using the 5 mm hex driver. See Fig. 2.



Fig. 2

Mount the rear rail to each extension wing using an M8 x 35 countersunk socket head bolt, an M8 washer, an M8 lock washer and an M8 hex nut. If necessary, push down or pull up on the wings before tightening the nuts to ensure the wings are parallel to the table. As mentioned above, it is usually easier to leave the bolts in the rear rail slightly loose until the extension table is installed as it may be difficult to position the extension table between the rails if both rails are tightened down.

3. **Installing the Extension Table:** Once the rails are in place you can mount the extension table to the rails. (If you did not purchase an extension table, skip to step 4.) Begin by installing the adjustable foot in the bottom of each support leg. The extension table for the 36" rails includes one support leg and the extension table for the 52" rails includes two support legs. First, thread an M8 hex nut onto the threaded shaft of the foot as close to the rubber base as possible. Next, thread the foot into the bottom of the support leg as far as possible. See Fig. 3.



Fig. 3

Each support leg is mounted to the underside of the extension table using two angled brackets. Align the two holes in the support leg to the two holes in the brackets. Put one of the M10 x 45 hex head bolts through each hole in the leg and brackets. Thread an M10 lock nut on the end of the bolt and tighten with a 17 mm wrench. See Fig. 4. You will need to hold the head of the hex bolt with another 17 mm wrench to tighten the lock nut. Next, mount the brackets to the underside of the extension table using the M4 x 16 mm wood screws provided. The underside of the extension table is pre-drilled to receive the screws. Be careful not to overtighten these wood screws because you may strip the threads in the wood.



Fig. 4

The next step of the assembly is easiest with two people. Position the extension table between the front and rear rails. The support leg(s) should be at the far end of the rails, away from the saw. Install M8 x 40 countersunk socket head bolts through the front rail and into the corresponding holes in the front edge of the extension table. Install M8 x 40 countersunk socket head bolts through the rear rail and into the corresponding holes in the rear edge of the extension table. See Fig. 5. Place an M8 washer and an M8 lock nut on each bolt and hand tighten.



Fig. 5

Next, install the M8 x 45 socket head bolt and D-washer through the hole in the center of the left side of the extension table. The bolt should also extend through the center hole in the right extension wing. Make sure the flat edge of the D-washer is facing upward. See Fig. 6. Install an M8 washer and an M8 lock nut on the end of the bolt and hand tighten.



Fig. 6

If you left the rear rail slightly loose, tighten it now. If necessary, pull up or push down on the extension wings before tightening as described above.

Once both rails are installed securely, adjust the position of the extension table so that its top surface is level and flush with the top surface of the cast iron extension wing. Fully tighten the nuts to lock the extension table in place. If necessary, put upward or downward pressure on the left edge of the extension table to make it flush with the extension wing, and then tighten the M8 x 45 socket head bolt that passes through the D-washer.

Finally, adjust the position of the foot on the bottom of the support leg to ensure the leg is in solid contact with the ground.

4. **Installing the Main Tube:** The main tube is installed on the front rail using the M8 x 16 hex head bolts with attached washers. Position the tube on the horizontal portion of the front rail with the rulers facing up and the 12 inch ruler on the left side. The powder coated surfaces of the tube and rail can be slick, so be careful that the tube does not fall off the rail. Align the holes in the rail with the holes in the bottom of the tube. Thread the M8 x 16 hex head bolts through the rail and into the threaded holes in the bottom of the tube. See Fig. 7. Leave the bolts finger tight.



Fig. 7

The holes in the bottom of the front rail are oversized to allow the position of the tube on the rail to be adjusted. To set the tube in the correct position, first pull the tube away from the cast-iron table as far as possible. Next, place your fence down on the tube with the fence glide bracket resting on the upper rear edge of the tube. Position the fence so that it is near the left end of the tube and the front glide pads are in contact with the rear surface of the main tube. See Figs. 8a and 8b.

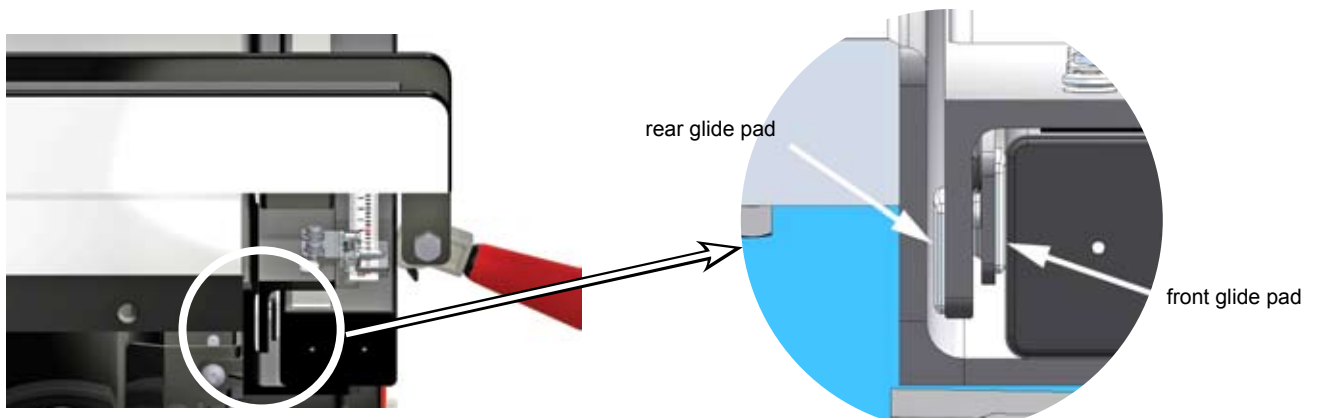


Fig. 8a

Fig. 8b

Next, attach the fence handle to the fence by threading the handle into the cam lock. Press down on the fence handle to clamp the fence to the main tube. If the fence does not clamp tightly enough to the main tube to hold its position against a moderate amount of force, you can increase the clamping force by turning both parallelism adjustment screws clockwise. See Fig. 9. Alternatively, if too much pressure on the handle is needed to clamp the fence to the main tube, you can reduce the clamping force by adjusting both parallelism adjustment screws counter-clockwise.

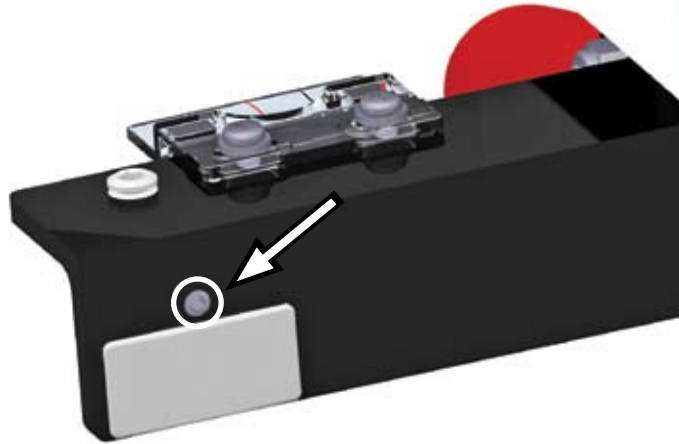


Fig. 9

Once the fence is correctly clamped to the main tube, adjust the position of the left end of the tube so that there is only a small gap (approximately 1/16") between the front rail and the rear glide pads on the fence. See Fig. 10. Tighten the left-most M8 x 16 hex head bolt that mounts the tube to the front rail using a 13 mm wrench.

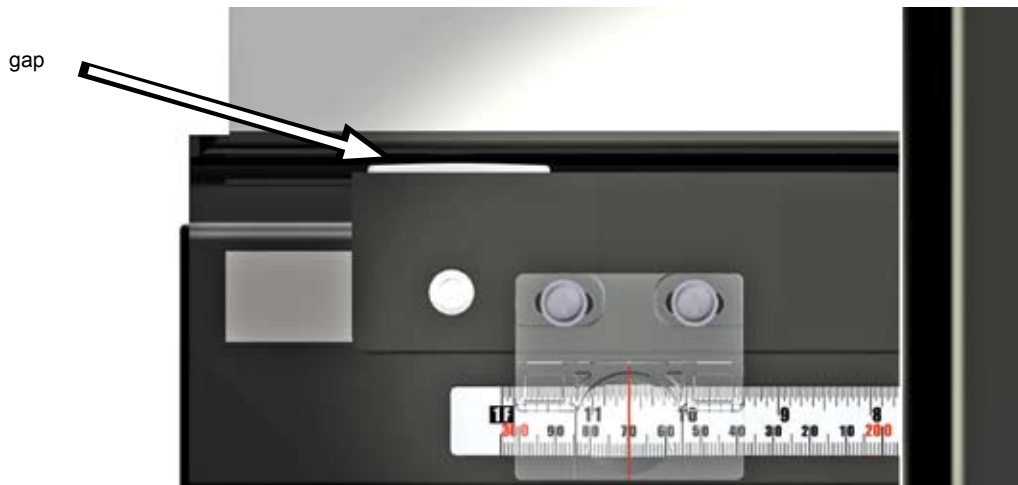


Fig. 10

Next, move the fence to the right end of the tube and repeat the above process. Tighten the right-most M8 bolt that mounts the tube to the front rail. Confirm that the left end of the tube is still correctly positioned by sliding the fence to the left end of the tube. If the gap between the tube and rail on the left end has changed, loosen the left-most bolt and readjust the position of the tube. Once both ends of the tube are adjusted correctly, tighten the remaining M8 x 16 hex head bolts to lock the tube to the front rail. The fence should now slide smoothly along the tube without binding and without excessive play when changing directions.



5. **Fence Adjustments:** Although the fence is factory-adjusted to nominal settings, it is usually necessary to make final adjustments once your rails and extension table have been installed on the saw.

The first step is to align the face plates to be parallel to the miter slots. Begin by sliding the fence along the tube until the left face plate is flush with the right edge of the right miter slot. Lock the fence handle and check that the face plate is flush with the miter slot edge along its whole length. See Fig. 11. You can check this either visually or by running your finger along the face plate and miter slot edge.



Fig. 11

If there is any misalignment, you can correct it by turning one of the two parallelism adjustment screws in the vertical edge of the fence glide bracket. See Fig. 9.

The next step is to adjust the face plates to be perpendicular to the table top. The angle between the face plates and the table is set by the two plastic leveling screws in the horizontal edge of the glide bracket. See Fig. 12.

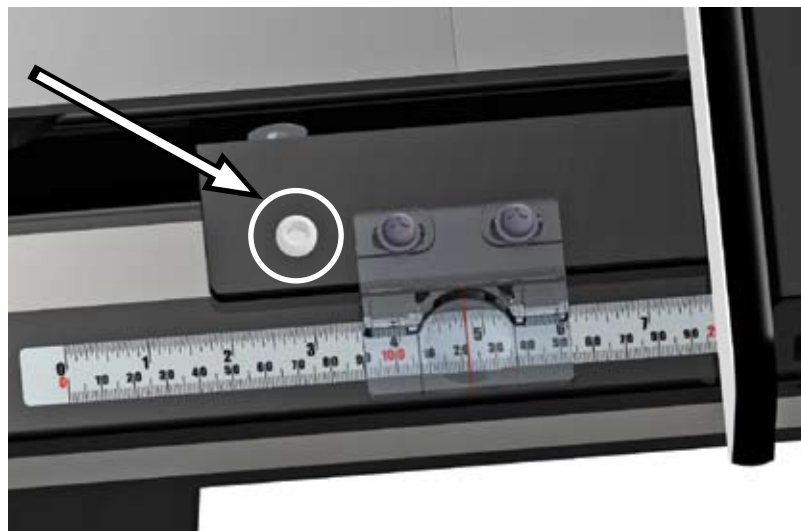


Fig. 12

Place a combination square on the table top and against the left face plate. See Fig. 13. Use a 6 mm hex key to adjust the leveling screws as necessary until the face plate is parallel to the vertical edge of the combination square.

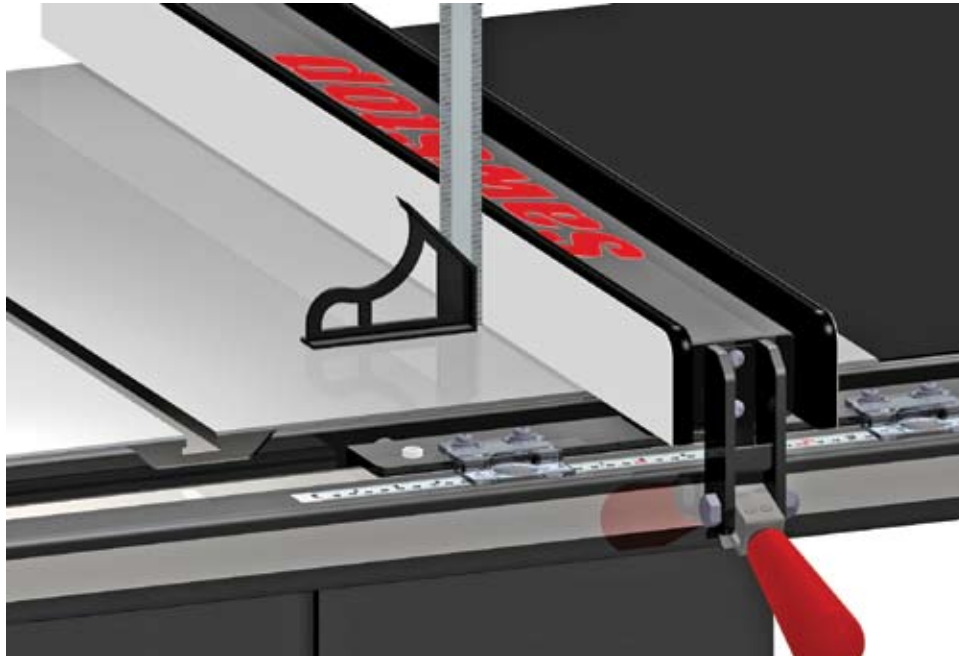


Fig. 13

If necessary, you can adjust both of the plastic set screws to ensure the position indicator lenses are close to, but not touching, the main tube or rulers.

The last step is to set the spacing between the bottom of each face plate and the table. The face plates are held in place by a series of screws threaded into nuts embedded in the face plates. The heads of the screws fit into key-hole slots in the sides of the fence. See Fig. 14.



Fig. 14

It is usually possible to adjust the position of the face plates by lightly tapping the top or bottom edge of the face plates with a plastic or wooden mallet. However, if the face plates do not move when tapped, you can loosen the mounting screws as described below to adjust the face plates.

If the right face plate needs to be adjusted, you must first remove the left face plate. Begin by laying the fence on the table with the left face plate facing down. You can access the screws for the left face plate through the slots on the bottom of the fence. Insert a 5 mm ball end hex driver or hex key through the slot at the end of the fence and into the screw head. See Fig. 15. Loosen the screw but do not unthread it completely. Continue this process with each slot/screw pair. It may be helpful to shine a flashlight down the end of the tube to illuminate the screw heads. Once all the screws are loosened push the face downward to align the screw heads with the large portion of the key-hole slots, and then pull the face plate off the fence.

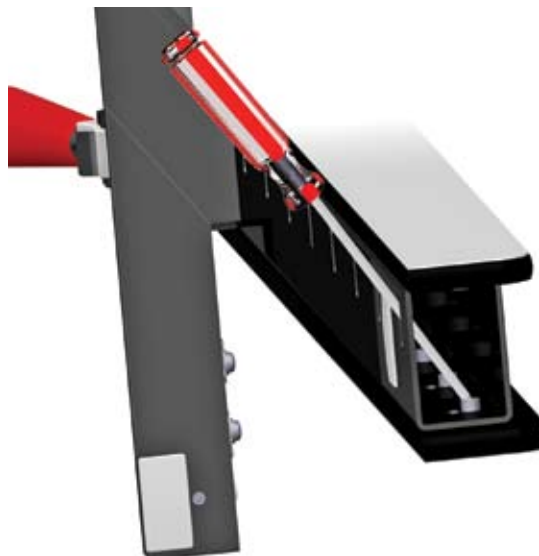


Fig. 15

Once the left face plate has been removed, you can access the screws for the right face plate through the key-hole slots for the left face plate. See Fig. 16. Loosen each screw in the right face plate just enough to allow the face plate to slide against the fence. Install the fence on the main tube and position the right face plate as desired, making sure to leave at least a small gap between the bottom of the face plate and the table so the face plate does not drag on the table.

Next, lift the fence off the tube and place it on the table with the right face plate facing down. Make sure not to move the face plate from the position you set it. If necessary you can clamp the face plate to the fence to keep the face plate from moving. Tighten each screw to lock the right face plate in position. ***Make sure not to over-tighten these screws as it that may cause a slight concavity in the surface of the face plate near the screw.***

Replace the left face plate onto the fence and install the fence on the main tube. Adjust the position of the left face plate as desired. Lift the fence off the tube and set it on the table with the left face plate down, making sure the position of the face plate doesn't move. Tighten the screws to lock the left face plate onto the fence. Your fence is now fully adjusted and ready to use.

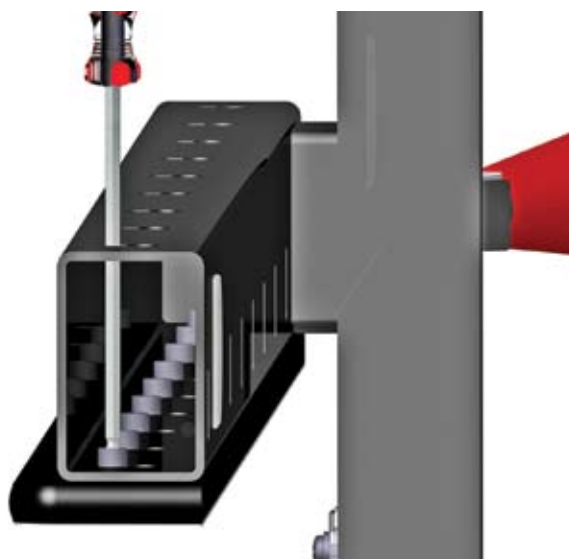
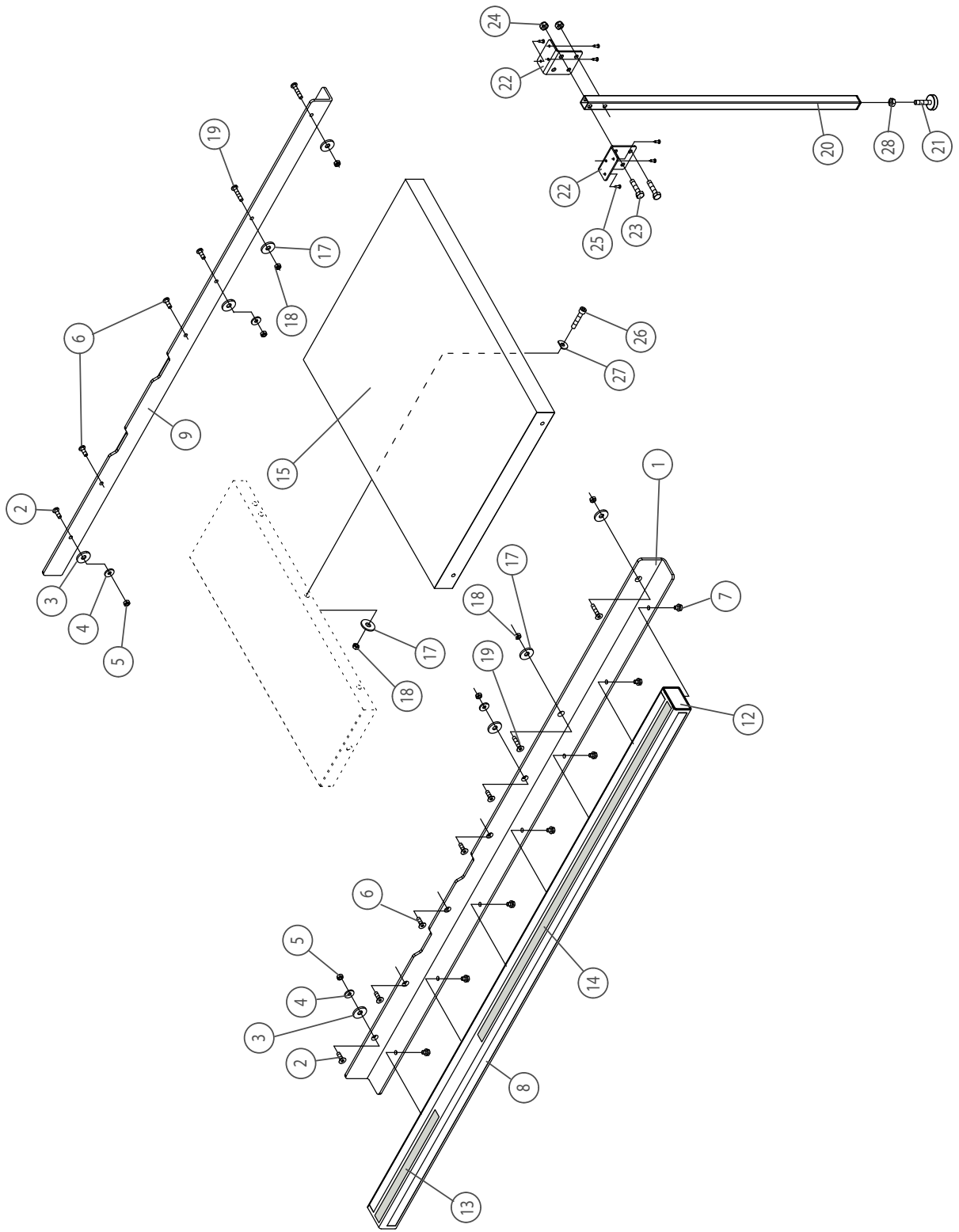


Fig. 16

# SawStop 36" Rails and Extension Table

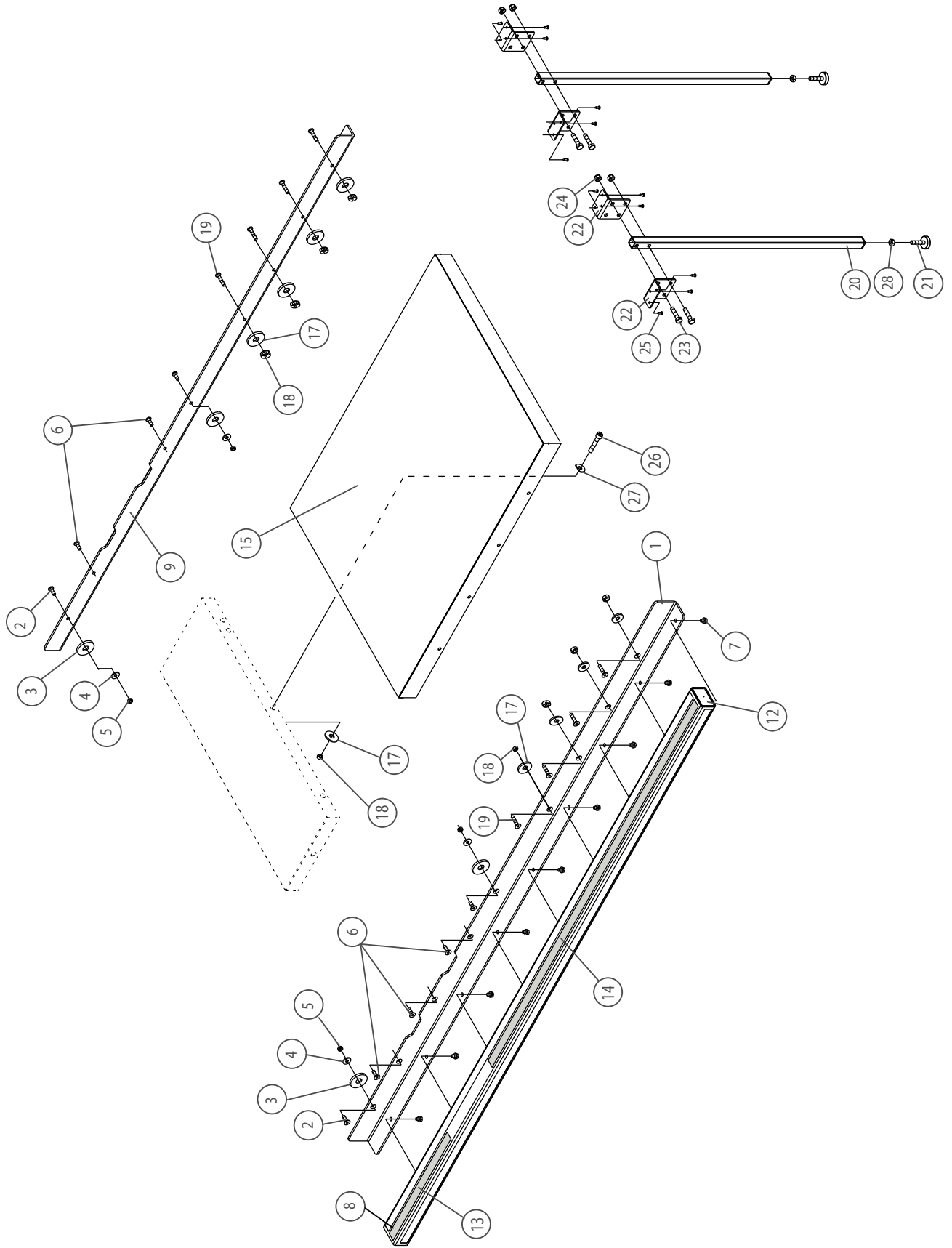


## 36 Inch Rails and Extension Table Parts List

No.	Description	Part No.	Qty.
<b>36 inch Rail Assembly (hardware in fence box)*</b>		<b>CBFR104 3600</b>	
1	Front Rail	CBFR104 3601	1
2	M8x35 Countersunk Socket Head Bolt	CBFR104 3602	4
3	M8 Washer	CBFR104 3603	4
4	M8 Lock Washer	CBFR104 3604	4
5	M8 Hex Nut	CBFR104 3605	4
6	M8x25 Countersunk Socket Head Bolt	CBFR104 3606	5
7	M8x16 Hex Head Bolt (w/ Washer)	CBFR104 3607	7
8	Main Tube	CBFR104 3608	1
9	Rear Rail	CBFR104 3609	1
12	Fence Tube Endcap	CBFR104 3612	2
13	12 inch Ruler	CBFR104 3613	1
14	36 inch Ruler	CBFR104 3614	1
Hardware Bag for 36 inch Rail Assembly (items 2-7)		CBFR104 3699	
<b>36 inch Extension Table Assembly</b>		<b>CBFT 104 3600</b>	
15	Table	CBFT104 3601	1
17	M8 Washer	CBFT104 3603	5
18	M8 Lock Nut	CBFT104 3604	5
19	M8x40 Countersunk Socket Head Bolt	CBFT104 3605	4
20	Support Leg	CBFT104 3606	1
21	Foot	CBFT104 3607	1
22	Bracket	CBFT104 3608	2
23	M10x45 Hex Head Bolt	CBFT104 3609	2
24	M10 Lock Nut	CBFT104 3610	2
25	M4x16 Wood Screw	CBFT104 3611	6
26	M8x45 Socket Head Bolt	CBFT106 3601	1
27	D-Washer	CBFT106 3602	1
28	M8 Lock Nut	CBFT104 3612	1
Hardware Bag for 36 inch Extension Table (items 17-19, 21-28)		CBFT104 3699	

\*Each Fence box contains one bag of hardware for a 52 inch Rail Assembly. If you purchased a 36 inch Rail Assembly, please discard the extra hardware.

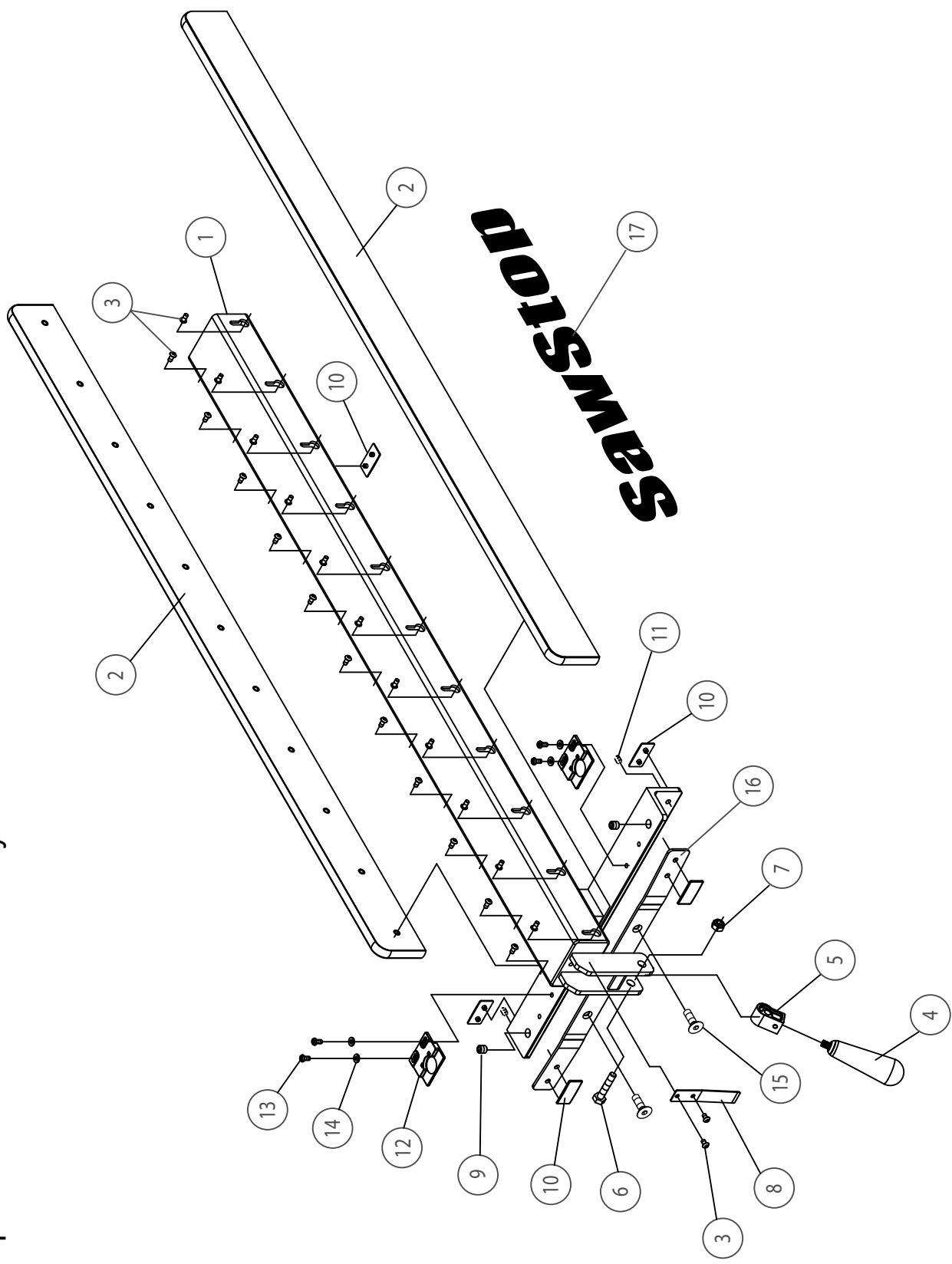
# SawStop 52" Rails and Extension Table



## 52 Inch Rails and Extension Table Parts List

No.	Description	Part No.	Qty.
<b>52 inch Rail Assembly (hardware in fence box)</b>		<b>CBFR104 5200</b>	
1	Front Rail	CBFR104 5201	1
2	M8x35 Countersunk Socket Head Bolt	CBFR104 5202	4
3	M8 Washer	CBFR104 5203	4
4	M8 Lock Washer	CBFR104 5204	4
5	M8 Hex Nut	CBFR104 5205	4
6	M8x25 Countersunk Socket Head Bolt	CBFR104 5206	5
7	M8x16 Hex Head Bolt (w/ Washer)	CBFR104 5207	9
8	Main Tube	CBFR104 5208	1
9	Rear Rail	CBFR104 5209	1
12	Fence Tube Endcap	CBFR104 5212	2
13	12 inch Ruler	CBFR104 5213	1
14	52 inch Ruler	CBFR104 5214	1
Hardware Bag for 52 inch Rail Assembly (items 2-7)		CBFR104 5299	
<b>52 inch Extension Table Assembly</b>		<b>CBFT 104 5200</b>	
15	Table	CBFT104 5201	1
17	M8 Washer	CBFT104 5203	9
18	M8 Lock Nut	CBFT104 5204	9
19	M8x40 Countersunk Socket Head Bolt	CBFT104 5205	8
20	Support Leg	CBFT104 5206	2
21	Foot	CBFT104 5207	2
22	Bracket	CBFT104 5208	4
23	M10x45 Hex Head Bolt	CBFT104 5209	4
24	M10 Lock Nut	CBFT104 5210	4
25	M4x16 Wood Screw	CBFT104 5211	12
26	M8x45 Socket Head Bolt	CBFT106 5201	1
27	D-washer	CBFT106 5202	1
28	M8 Lock Nut	CBFT104 5212	1
Hardware Bag for 52 inch Extension Table (items 17-19, 21-28)		CBFT104 5299	

# SawStop T-Glide™ Fence Assembly





# Fence Assembly

No.	Description	Part No.	Qty.
<b>Fence Assembly (items 1 - 17 assembled)*</b>		<b>CBF105 000</b>	
1	Fence Tube	CBF105 001	1
2	Face Plate	CBF105 002	2
3	M6x1x12 Socket Head Screw	CBF104 003	24
4	Handle	CBF104 004	1
5	Cam Lock	CBF104 005	1
6	M10x1.5x50 Hex Head Bolt	CBF104 006	1
7	M10x1.5 Lock Nut	CBF104 007	1
8	Flex Plate	CBF104 008	1
9	Leveling Adjustment Screw M12x1.75	CBF104 009	2
10	Glide Plate	CBF104 010	5
11	Parallelism Adjustment Screw M10x1.5x8	CBF104 011	2
12	Position Indicator Lens	CBF104 012	2
13	M6x1.0x10 Button Head Phillips Screw	CBF104 013	4
14	M6.3x13x2 Washer	CBF104 014	4
15	M6x1.0x10 Countersunk Socket Head Screw	CBF104 015	2
16	Flex Arm	CBF104 019	1
17	Label	CBF104 016	1
<b>Accessories</b>			
	5mm Ball-end Hex Driver	CBF105 003	1
	6mm Hex Wrench	CBF104 018	1

\*Each Fence box also contains the hardware for the Rail Assembly.

SawStop, LLC  
9564 S.W. Tualatin Road  
Tualatin, Oregon 97062  
[www.sawstop.com](http://www.sawstop.com)

Main Phone - (503) 570-3200  
Service - (503) 582-9934  
Fax - (503) 570-3303  
Email: [info@sawstop.com](mailto:info@sawstop.com)

Updates of this manual may be available at [www.sawstop.com](http://www.sawstop.com).

Copyright SawStop, LLC. All Rights Reserved.  
SawStop is a registered trademark and T-Glide is a trademark of SawStop, LLC.

October 2008