



ASSEMBLY INSTRUCTIONS

For SB 804 – SB 807 – SB 815

PARTS LIST

- (3) Paddles with Keyholes
- (1) Disk with 3 Key (Tabs)
- (2) Fastener Pins
- (2) Locking Washers



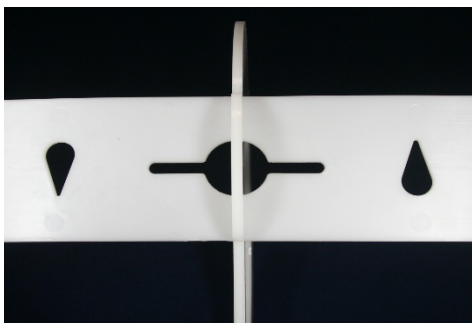
The following conditions **VOID** the warranty:

1. Failure to assemble Surge Busters® correctly per these instructions.
2. Failure to install the correct amount of Surge Busters calculated for each specific tank.
3. If Surge Busters begin to come apart inside the tank.
4. If the material being loaded is over 175 degrees.
5. If liquid is loaded/unloaded at too great a pressure/speed without deflectors.
6. If competitor products are mixed with Surge Busters.



STEP 1

Insert Disk Tab into Keyhole of first Paddle

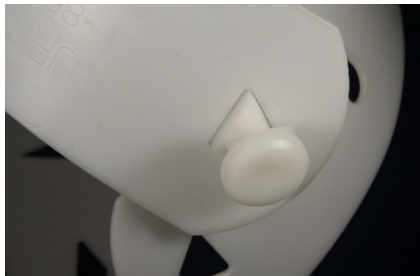


STEP 2

Rotate the Paddle 90 degrees

Repeat using the other 2 Paddles





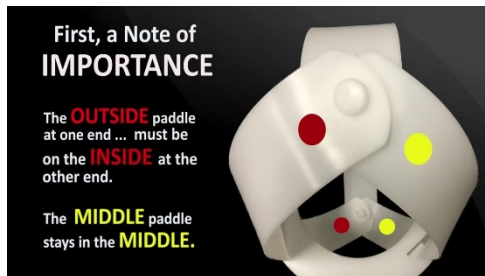
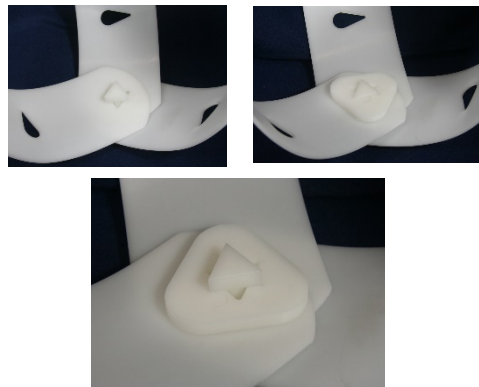
STEP 3

Flex the paddles together at one end and insert the triangular pin (From the outside) through the holes of all 3 Paddles.

WARNING! Failure to install the Pin from the outside will cause failure of the Surge Buster, voiding any warranty.

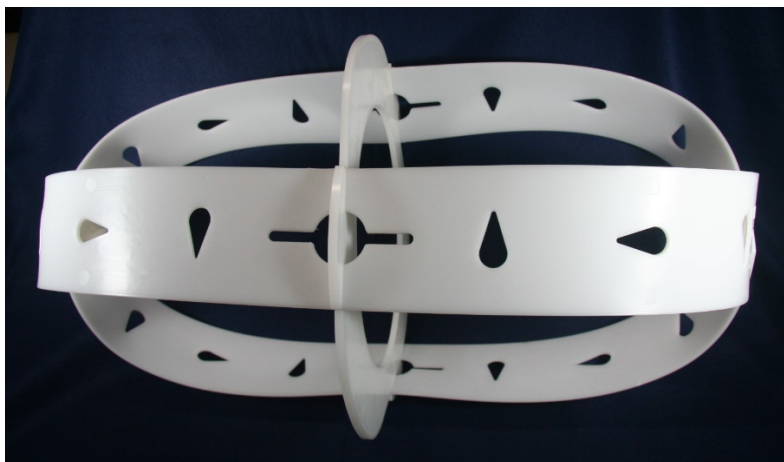
STEP 4

When the 3 paddles are on the pin, rotated to their positions at 120 degree intervals, hold them secure, applying downward pressure on the Disk. Select a Washer, with the side marked "DOWN" towards the paddles, and install it over the Pin. (The "UP" side will be towards the inside of the Surge Buster) Depress the Washer forcefully against the paddles and rotate it 60 degrees, releasing it upwards when the 3 recessed triangles align with the tips of the Pin. This locks the Washer in place.



REPEAT STEP 4 FOR THE OPPOSITE END

Begin by inserting the Pin into the Paddle that was on the Inside position of the first end, then through the middle Paddle, and finally through the Paddle that is at the outside position of the first end. This reverses the positions of the paddles from end to end and is important to the efficient function of the Surge Buster. Install the locking Washer and the Surge Buster is complete. Continue the assembly of the calculated number of Surge Busters for your tank.



WARNING

If you see loose parts in your tank after using Surge Busters, immediately remove all Surge Busters from the tank or discontinue using the tank until the issue is addressed. The failure of one (1) Surge Buster can cause the failure of all!

NEW DESIGN SURGE BUSTERS for 2021



SB 815



SB 807



SB 804



Divide the appropriate number from the charts below into the total gallons the tank can hold to determine the total number of Surge Busters required based on the liquid weight/gallon being hauled. See other calculations to determine how many Surge Busters may be required for the tank size.

SB 807 & SB815 Chart

Tank Size	1000G	2000	3000	4000	5000	6000	7000	8000	9000
Fuels** - Under 8.34# per gallon	32	32	32	32	32	32	32	31	30
Base - up to 8.34# per gallon	32	32	32	32	32	31	30	29	*28
Level 1 - 8.34 - 9# per gallon	31	31	31	30	30	29	29	28	*
Level 2 - 9# - 10# per gallon	30	30	29	29	28	27	26	*25	*
Level 3 - 10# - 11# per gallon	29	29	28	27	26	25	*24	*	*
Level 4 - 11# - 12# per gallon	28	28	27	26	*24	*	*	*	*
Over 12# call 866-787-4360									
** Fuels - NO Gasolines									

*Call LSC to confirm the Number of Surge Busters Required

SB804 Chart

Tank Size	100	200	300	400	500
Up to 8.34# per gallon	15	15	15	12	10
8.34# per gallon to 10# per gallon	12	12	12	10	10
11# per gallon to 12# per gallon	10	10	10	*	*

*Enlarge Tank Opening, Use SB807's

Calculation Chart