

T-Flex

This document only includes the main critical steps to follow during the installation process and the preventive maintenance (PM) instructions. For the complete Installation procedure, please consult our Installation manual. You may contact our Customer Service department for a digital copy of the installation manual.

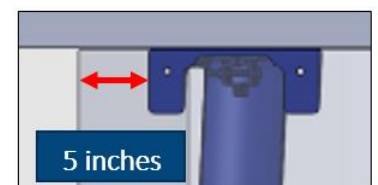
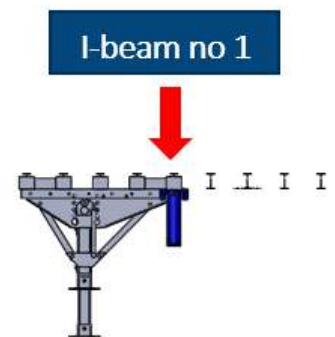
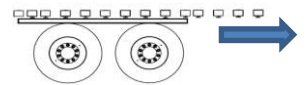
IMPORTANT NOTE

Please take note that unless otherwise specified by OEM or End user:

1. Bogey is at most forward position
2. Trailer wall edge is flushed with I-Beam bottom
3. There are no objects between the bogey and the landing gear
4. Landing gear wing plate is full solid
5. The I-Beam bottom flange thickness is between 0.125" and 0.5"

For a compliant installation, follow the follow main critical listed below

- 1- Before beginning the installation, have the **right installation layout** for your specific trailer. Refer to the layouts in the appendix of the installation manual. If applicable, you may also follow the custom layout provided by Transtex
- 2- Move the trailer rear tires and bogies to their most forward position.
- 3- Locate the first I-beam of the landing gear assembly. **This is I-Beam no 1.**
- 4- Validate that skirt length doesn't exceed the bogey's most forward position.
- 5- Validate that each of the brackets' stoppers are making contact with the inside rail of the trailer before tightening them to their respective I-beams. This is applicable to the brackets located on the **straight section** of the skirt. (The last 4 brackets for model 1932 and the last 5 brackets for set 2330)
- 6- When installing the skirt, make sure that the top edge of the skirt does not pinch against the bottom rail of the trailer. Leave a slight gap of **maximum 1/8"** between the skirt edge and the bottom rail of the trailer.
- 7- To install the brackets, follow the **order** of the installation. The front bracket must always be installed first, followed by the brackets in the straight section. Lastly, install the remaining brackets in the curved section
- 8- Validate that the skirt's front tip is at a **Maximum distance of 5 inches** from the top side edge of the **first** bracket (beside the landing gear).
- 9- Validate that the skirt rear side is at **Maximum distance of 12 inches** from the top side edge of the **last** bracket.
- 10- Tighten all brackets to their respective I-beams before assembling them to the panel.
- 11- On the straight section of the skirt, make sure to assemble **one bracket at a time** starting **from the front to the back** of the trailer.
- 12- When assembling the brackets, always start by securing the top 2 holes, then the bottom holes. Make sure that the aluminium beam is always in contact with the panel to have a perfect alignment.
- 13- The first bracket is generally installed **in front of the landing gear**, at a distance of 4 to 10 inches away from the side rail. If it is not possible to install the bracket at a distance of **at least 4 inches**, then install it **behind the landing gear**. If enough space is available, install the bracket at a 10 inch distance from the side rail.



When tightening the brackets: Required torque level is 8 to 10 foot-pounds
Please ensure that your torqueing tool is calibrated to meet this requirement

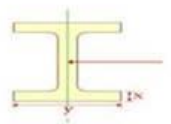
Special I-Beams

The new bracket (T-Flex) has been designed to fit all standards I-beams in the industry. However, there are **2 special I-beams** that would need a shim in order to provide the proper clamping force.

Transtex will include shims with the kit when trailer specifications are divulged ahead of time. Shims will be pre-assembled with the bracket. Otherwise, if shims are required, please contact Transtex Installation Support.

Special I-beam

I-Beam	Width (Y) (inch)	Thickness (X) (inch)
1	1.75	0.165
2	1.50	0.19



Troubleshooting

- a. The Skirt is wavy
 - Remove the panel's holders. The panel could be under stress.
 - Loosen and retighten the bottom holes of the bracket in curve area.
 - Check if the panel is not pinched against the side rail.
 - Did you shake the front while pushing the panel inward? shake it well so that the rear part of the panel is adjusted and the stress caused by the adjustment is released
- b. The Skirt top edge is not aligned with the side rail (bowing out).
 - Loosen and retighten the top holes of the bracket in the section that is bowing out.

Periodic maintenance & inspection

The Transtex Skirt is designed to stay on the trailer, maintain its shape, and not require special care for the lifetime of the trailer. However, we understand that the trailer and side skirt will be subject to minor or significant damage that may affect the appearance of the skirt panel or the integrity of the attachments and brackets. The standard inspection time is 10 minutes.

Routine inspections conducted **every six (6) months** on the trailer as part of a periodic maintenance (PM) program should include a visual inspection of the following components:

- Look for signs of broken brackets. Broken brackets must be replaced to keep panel integrity and prevent it from any potential failure.
- Look for signs of disconnected rivets. (Applicable on original sets). Replace the bracket or use a bolt-washer-nut to secure.
- Tighten loose bolts nuts, if required. Applicable for all hardware (on I-beams and assembled with the panel). The required torque level range is between 8 lbs-feet to 10 lbs-feet
- Look for breakage signs of the panel, delamination at edges, and major changes in the shape of the panel. Panel shape could be repaired in most cases by untighten brackets, adjust and re-tight.

Technical inquiries and Spars parts

It will be our pleasure to assist you with any technical inquiries you may have.

Technical assistance

Dial (877)332-3519. Ext: 1, Option 3
Installation@transtex-llc.com

Customer service

Dial (877)332-3519. Ext: 1
Customerservice@transtex-llc.com

Should you require replacement parts, please contact Transtex's customer service to place an order or visit our website www.Transtex-llc.com to find your nearest authorised dealer.