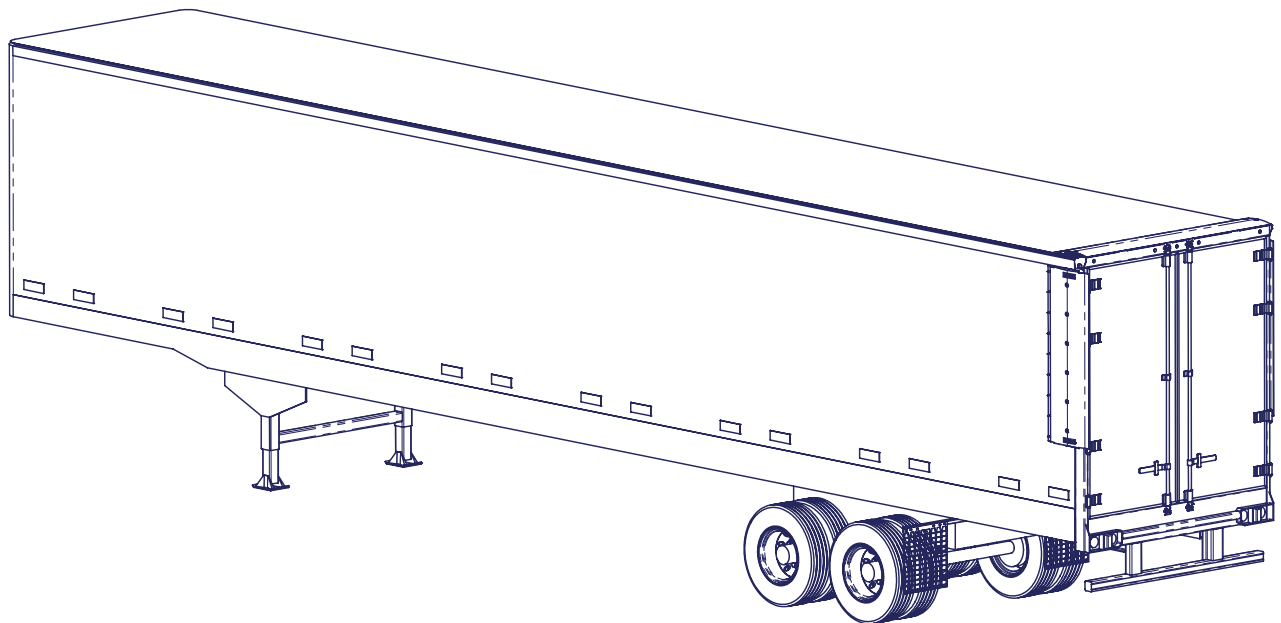




# EDGE TOPKIT+®

INSTALLATION AND MAINTENANCE PROCEDURES MANUAL

REV-05, MAY 2025





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## GENERAL INFORMATION

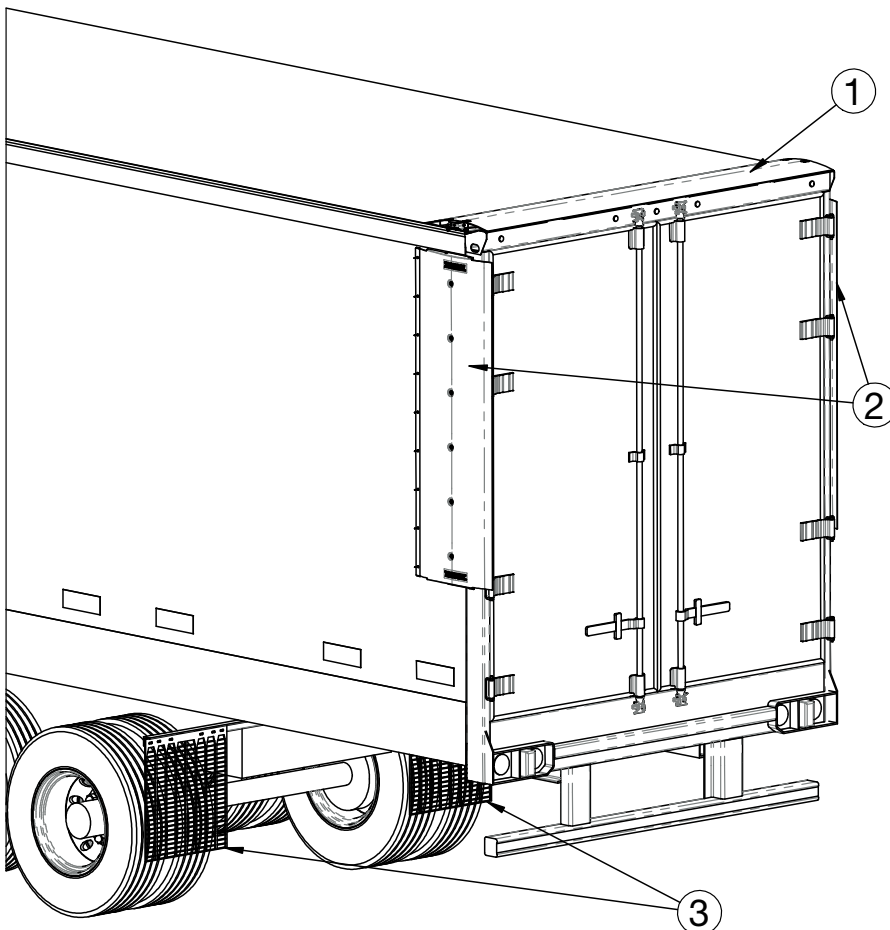
Installation Time: 1.25 man hours

The TRANSTEX® EDGE TOPKIT+® includes the following components:

1. Aero Rain Guard (ARG)
2. Side Fairing (x2)
3. EDGE FLAPS® (x2), if equipped

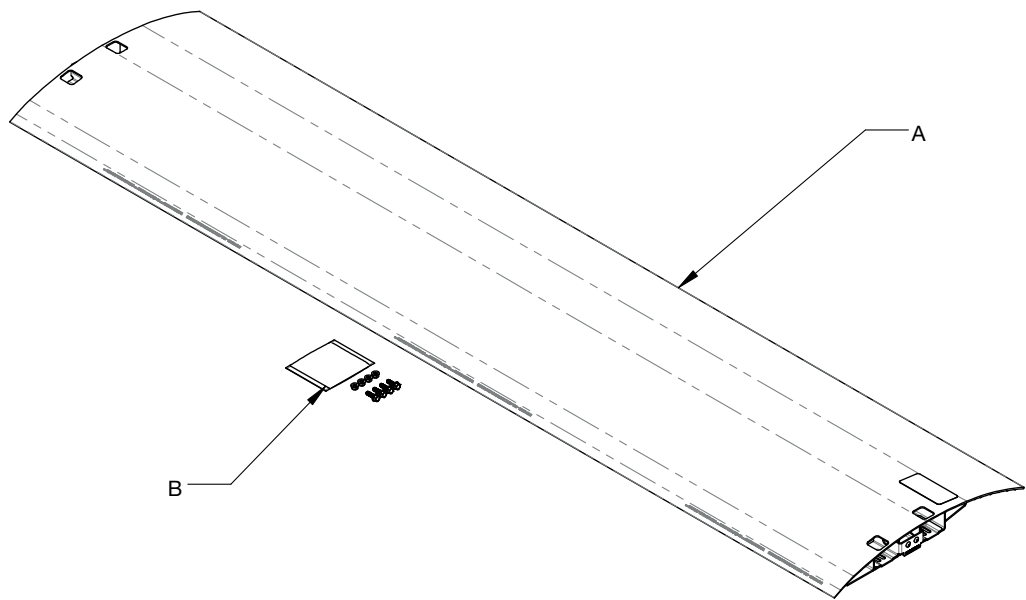
### WARNING

For intermodal transportation (railways), please check compatibility with Technical Support.



# LIST OF PARTS

## 1. Aero Rain Guard (ARG)<sup>1</sup>

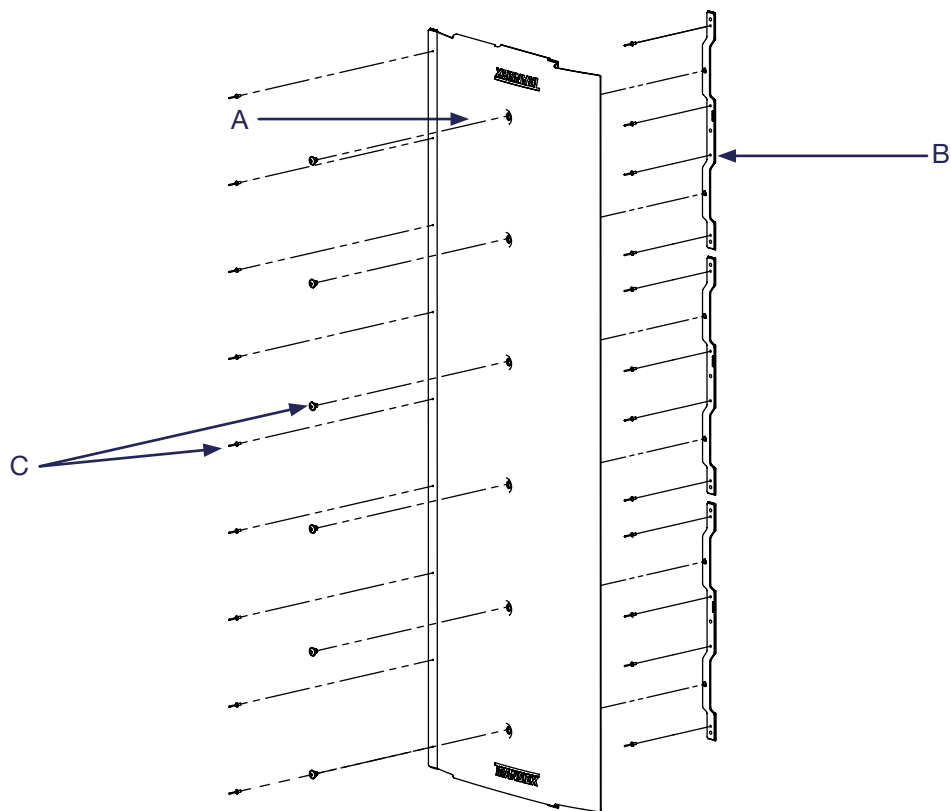


Item	Part No.	Description	Qty	Notes
A	E-TK-1413-XX	ARG FAIRING	1	Configurable product
B	E-TK-1700-02	ARG HARDWARE KIT	1	-

<sup>1</sup> Parts supplied are per the trailer specifications provided on the configuration form.

# LIST OF PARTS

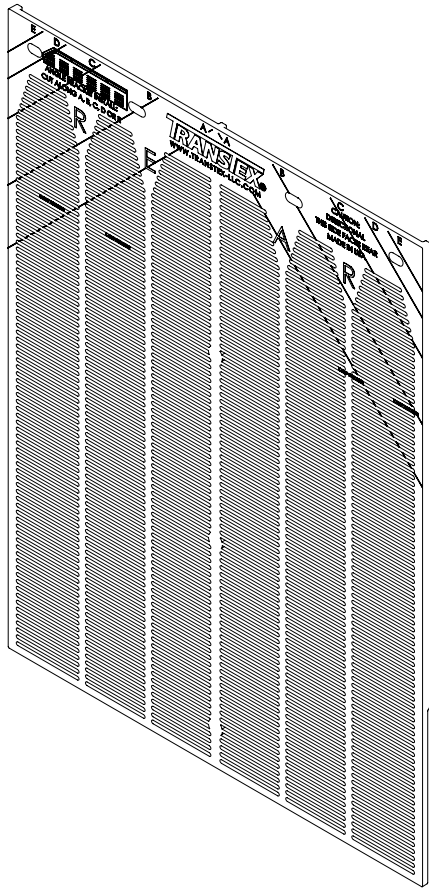
## 2. Side Fairings



Item	Part No.	Description	Qty	Notes
A	E-TK-0400-03-WHI	SIDE FAIRING - FLAT SIDE WALLS - WHITE	2	Specific to each trailer Refer to Technical Support
	E-TK-0400-03-BLA	SIDE FAIRING - FLAT SIDE WALLS - BLACK		
	E-TK-0400-03-BLU	SIDE FAIRING - FLAT SIDE WALLS - BLUE		
	E-TK-0400-03-LGR	SIDE FAIRING - FLAT SIDE WALLS - GREY		
	E-TK-0400-03-RED	SIDE FAIRING - FLAT SIDE WALLS - RED		
	E-TK-0400-04-WHI	SIDE FAIRING - CORRUGATED SIDE WALLS - WHITE		
	E-TK-0400-04-BLA	SIDE FAIRING - CORRUGATED SIDE WALLS - BLACK		
	E-TK-0400-04-BLU	SIDE FAIRING - CORRUGATED SIDE WALLS - BLUE		
	E-TK-0400-04-LGR	SIDE FAIRING - CORRUGATED SIDE WALLS - GREY		
	E-TK-0400-04-RED	SIDE FAIRING - CORRUGATED SIDE WALLS - RED		
B	E-TK-0200-02	SIDE FAIRING - BRACKET	6	-
C	E-TK-0600-00	SIDE FAIRING - HARDWARE KIT	1	Includes 44 rivets and 12 screws
D	E-TK-0703-01	EDGE TOPKIT+™ SIDE FAIRING INSTALLATION TEMPLATE AND RIVET GUIDE	1	Not shown - Reusable Includes rivet guide








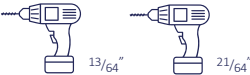


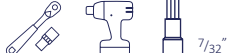







# LIST OF PARTS

## 3. EDGE FLAPS®



Part No.	Description		Notes
E-FLAP2424	EDGE FLAPS® 24" X 24"	2	Hardware not included
E-FLAP2427	EDGE FLAPS® 24" X 27"	2	
E-FLAP2430	EDGE FLAPS® 24" X 30"	2	
E-FLAP1824	EDGE FLAPS® 18" X 24"	2	
E-FLAP1827	EDGE FLAPS® 18" X 27"	2	
E-FLAP1830	EDGE FLAPS® 18" X 30"	2	

# LIST OF TOOLS

	Safety Glasses
	Working Gloves and Nitrile Gloves
	Isopropyl alcohol (50% of water) for metal Acetone for composite roof
	Clean Towels
	Marker
	Duct Tape or Masking Tape
	Measuring Tape
	Drill and 13/64" drill bit (or alternatively, 7/32") Drill and 21/64" drill bit (or alternatively, 11/32" or 5/16")
	1/2" Wrench
	Ratchet or Impact Driver with 1/2" Socket
	Ratchet or Impact Driver with 7/32" Hexagonal Driver
	Pop Rivet Gun
	Long Nose Locking Pliers (x2)
	Caulking Gun with Adhesive Polyurethane Sealant or Silicone
	Rolling Safety Ladder or Scissor Lift
	Utility Knife (for non pre-cut side fairings only)
	Circular Saw (for non pre-cut ARG only)
	Jigsaw (for non pre-cut side fairing only)

# AERO RAIN GUARD (ARG) INSTALLATION

## 1

### Trailer Inspection

- Put on safety gloves and glasses. If operating on the trailer roof, make sure all safety measures are being followed.
- Examine the roof of the trailer and repair any damage if necessary.
- Measure the width of the trailer roof from top rail to top rail as shown below.
- Measure the width of the ARG from each edge of the bracket. Check Table 1 to verify trailer top rail width is within the indicated range. If not, do not install.

NOTE: Do not install below 10°C.  
Ensure that the trailer is completely dry and free of moisture, ice, and snow.

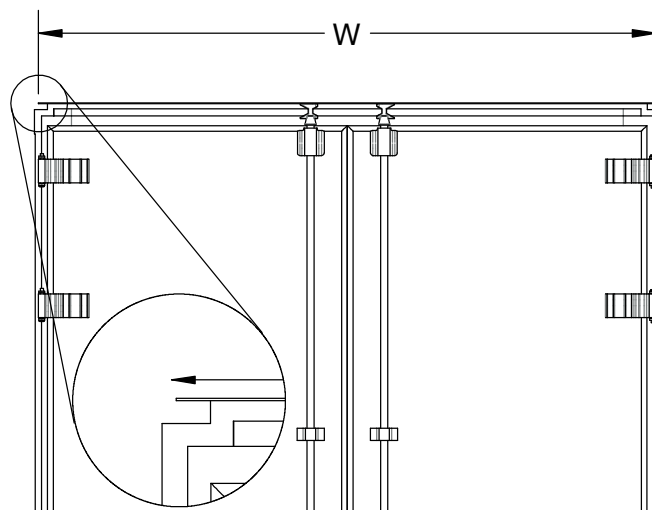


Table 1.

ARG Product	Product Code	Trailer Top Rail Width Range (in)
STANDARD	E-TOPKIT-ARG01	99.75 - 101.50
WIDE	E-TOPKIT-ARG03	101.5 - 103.00

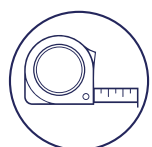
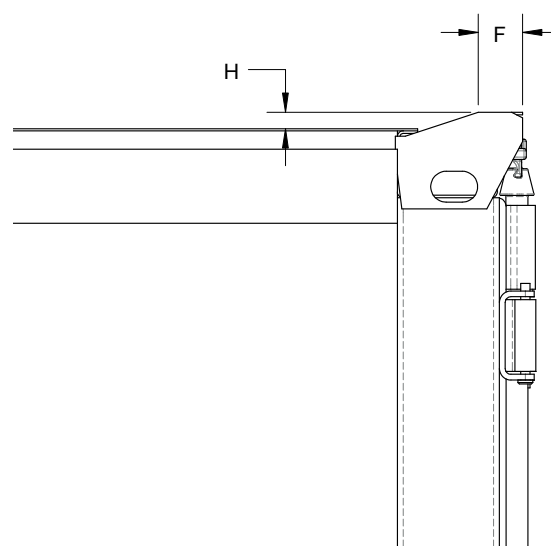


## 2

### Trimming the ARG

NOTE: Skip this section if the ARG was ordered to trailer specifications (ex. for trailer OEMs). For best performance, the ARG must be trimmed to proper dimensions.

- Measure the height (h) of the rear header (or rain gutter) that extends above the roof of the trailer.<sup>2, 3</sup>

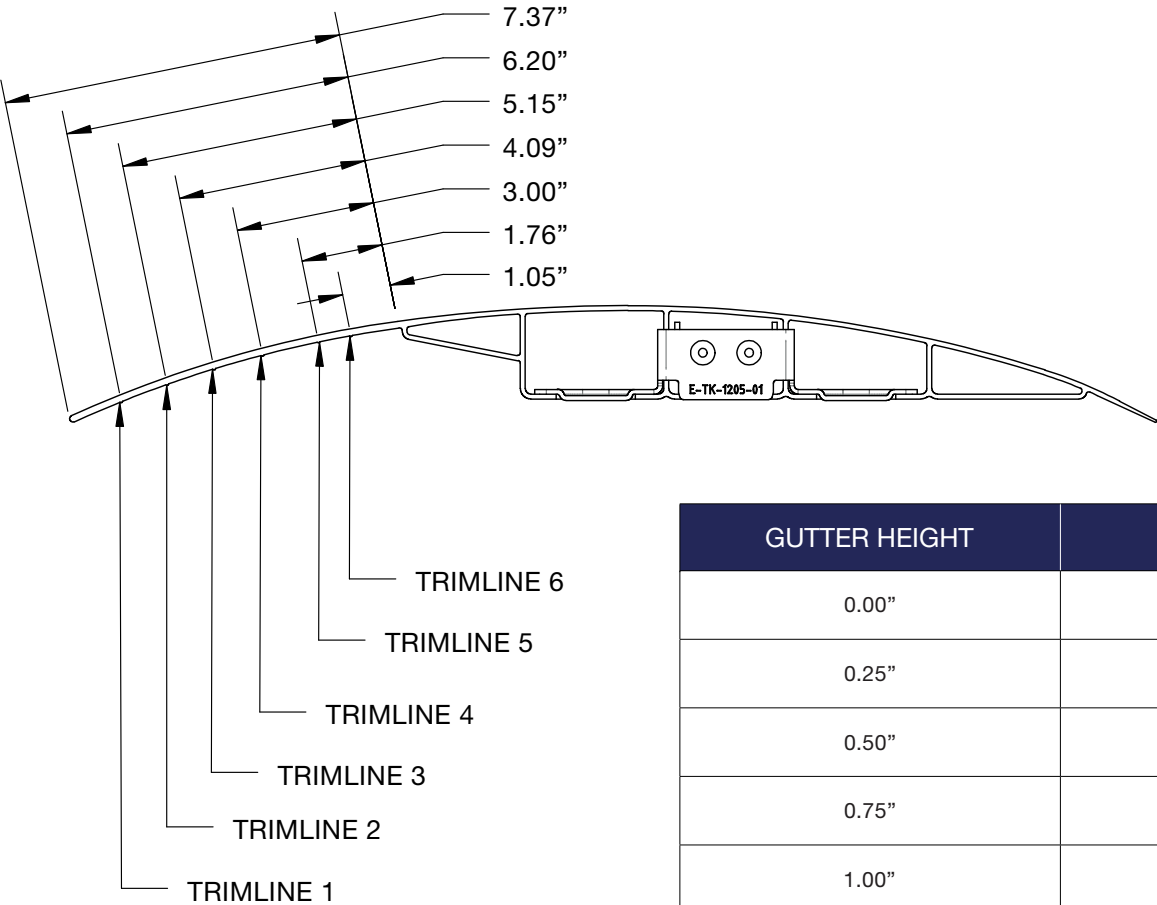
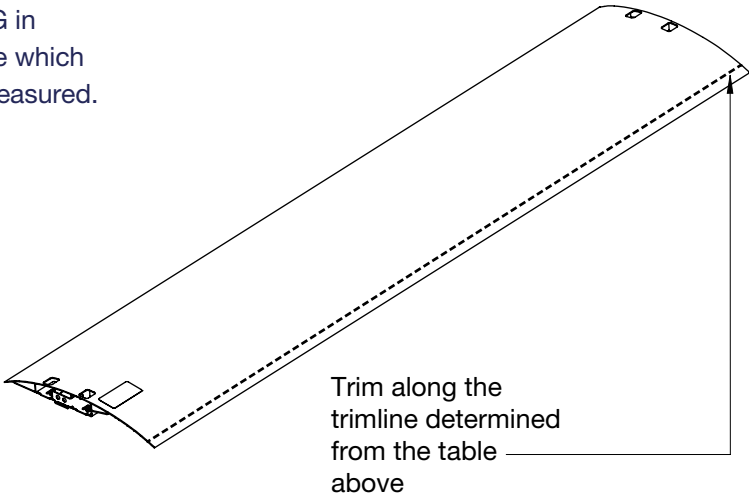


<sup>2</sup> For rear gutter (or rear header) with a height of 1-1/4", measure the flange "F." If it exceeds 2", please contact Technical Support

<sup>3</sup> For rear gutter (or rear header) with a height of 1-1/2", measure the flange "F." If it exceeds 1", please contact Technical Support



- b. Rear gutter heights are marked on both sides of the ARG in Trimline numbers. Refer to the image below to determine which Trimline number corresponds to the rain gutter height measured.
- c. Trim the ARG along the selected Trimline no., then deburr it.



GUTTER HEIGHT	(H)TRIMLINE #
0.00"	Do not trim
0.25"	1
0.50"	2
0.75"	3
1.00"	4
1.25"	5
1.38"	6

# 3

## Positioning the ARG and Drilling

- a. Position the ARG on top of the trailer. Clamp the ARG in place with long nose locking pliers.
- Ensure that the bracketry is centered on the trailer.
  - When clamped, the ARG MUST NOT overhang.

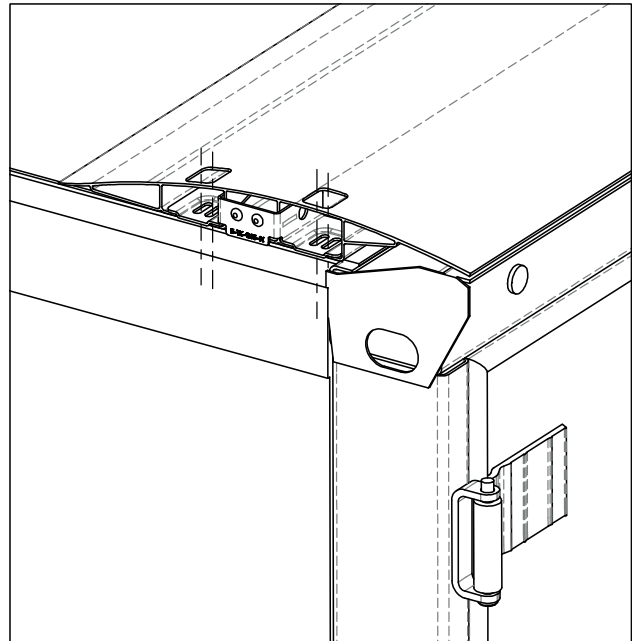
### IMPORTANT:

Fit the ARG at the rear within 1/8" inboard of the trailer header.

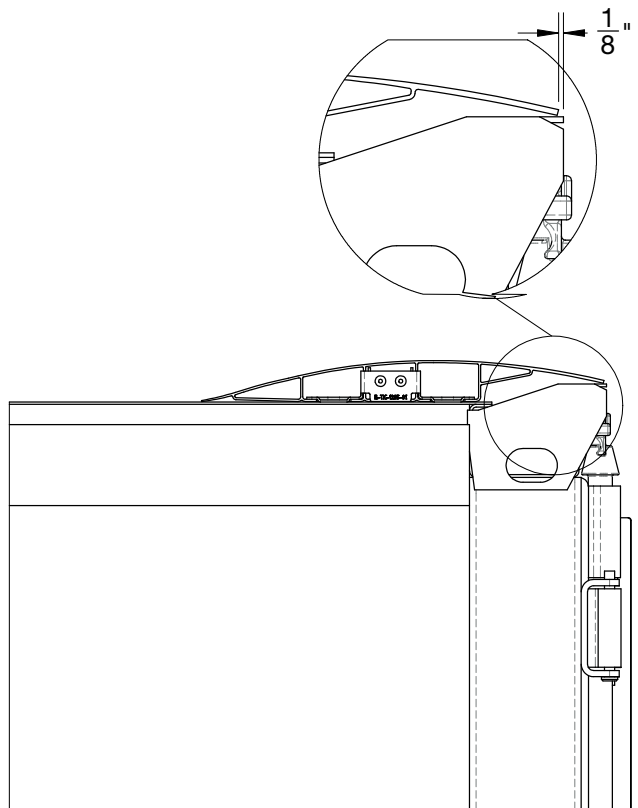
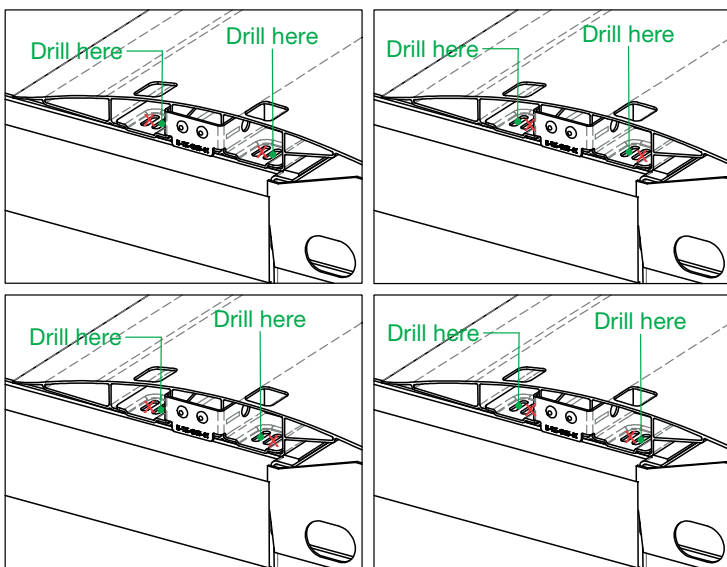
- b. Using a 21/64" (5/16" alternative) drill bit, drill two holes per bracket, one hole per pair of slots. Refer to 4 scenarios below.
- Avoid drilling through trailer rivets when possible.

### IMPORTANT:

Do not move the ARG while only one side is clamped.



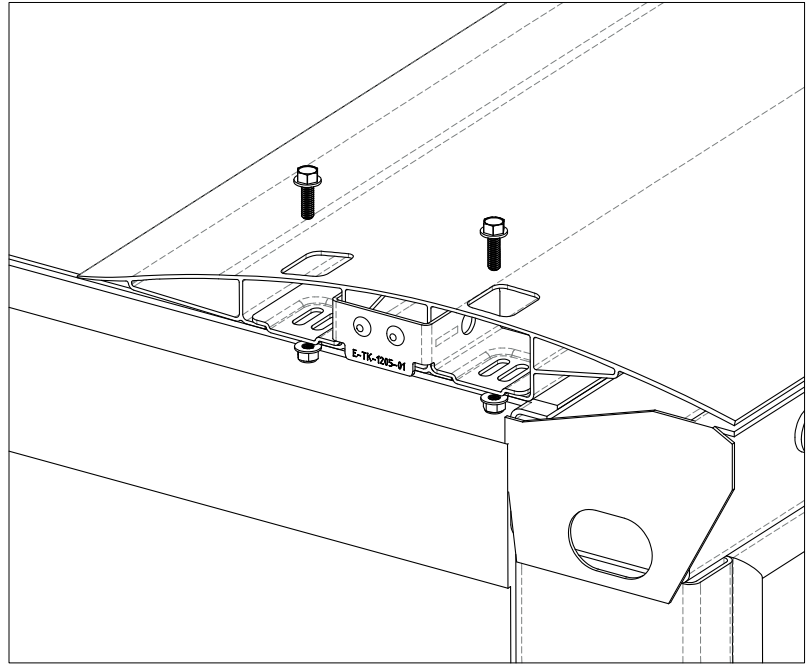
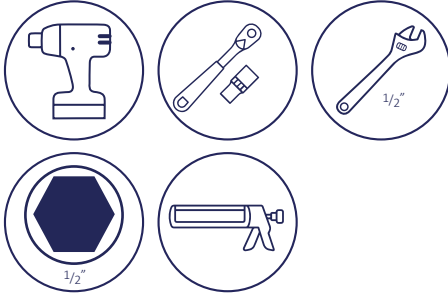
### 4 SCENARIOS



# 4

## Fastening the ARG

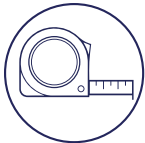
- Apply a small amount of sealant through the newly drilled holes.
- Insert the fasteners (nut and bolt) and torque to 24 lb-ft. The bolts and nuts are single use.
- Apply more sealant around the bolt heads.



# 5

## Finishing the Installation of the ARG

- The ARG can add up to 2" in height depending on the trailer's configuration. Measure the height of the trailer and ensure compliance with federal, state, and provincial regulations.

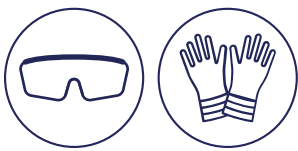


# SIDE FAIRINGS INSTALLATION

## 1

### Trailer Inspection

- Put on safety gloves and glasses.
- Examine the trailer side walls for damage and repair if necessary.
- Remove any vinyl wraps or decals located at the back of the trailer.



#### WARNING:

Ensure the temperature of the outer skin of the trailer walls is at least 50°F (10°C).

Ensure that the trailer is completely clean, dry and free of moisture, ice, and snow.

#### IMPORTANT:

The EDGE TOPKIT+™ is only compatible with trailer walls that are flat or have a corrugated pattern of 4" and 8" (see the image below). If the trailer's corrugation pattern is different, please contact customer service.

## 2

### Installation Template

- Align the installation template with the rear post of the trailer, excluding the hinges.

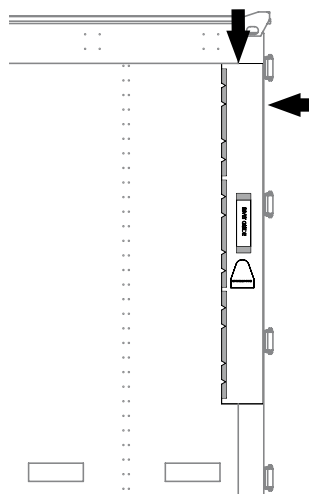
For FLAT SIDE WALLS, align the template with the lower edge of the top rail.

For CORRUGATED SIDE WALLS, align the notches with the corrugation.

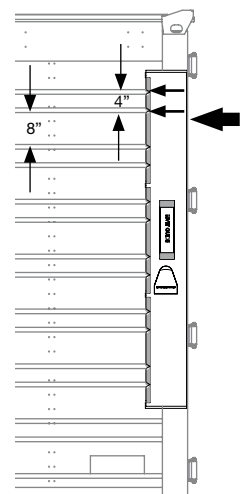
- Tape the top, bottom, and back end of the template to the trailer.



Flat Side Walls



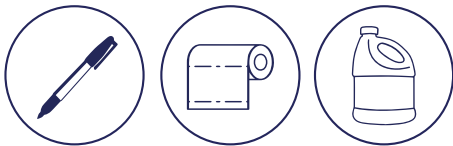
Corrugated Side Walls



# 3

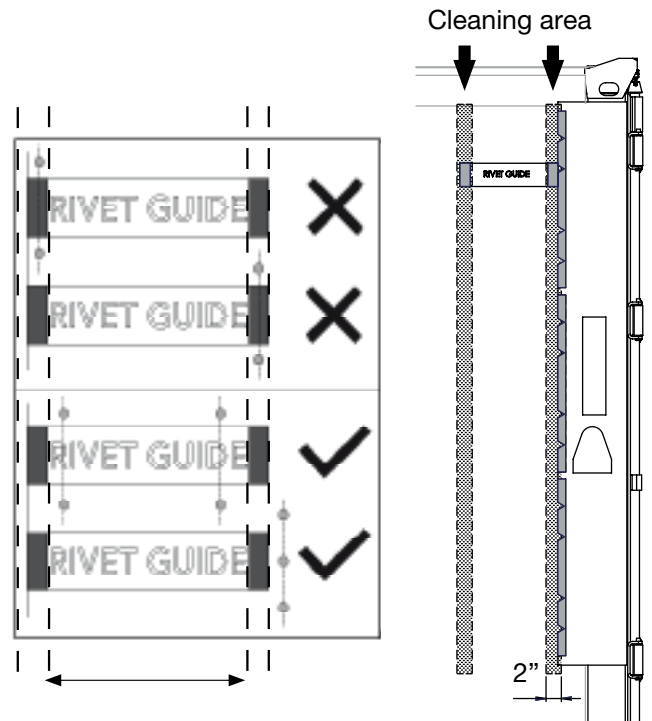
## Rivet Clearance and Cleaning

- Place the rivet guide in front of the template.
- Check for rivets located within the specified cleaning zones. If there are rivets, move the template left or right by a maximum of  $\frac{1}{2}$ " to clear them.
- Using the rivet guide and marker, identify the cleaning areas by moving it along the entire length of the template. Each area should cover at least 2" wide.
- Using a damp wipe of Isopropyl alcohol, clean both areas. These bonding areas should be free of grease, wax, dirt, water, liquid, or any other contaminants.



### WARNING:

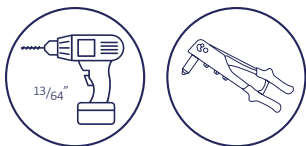
Failure to follow this cleaning procedure or the use of another solvent may result in the loss of tape adhesion.



# 4

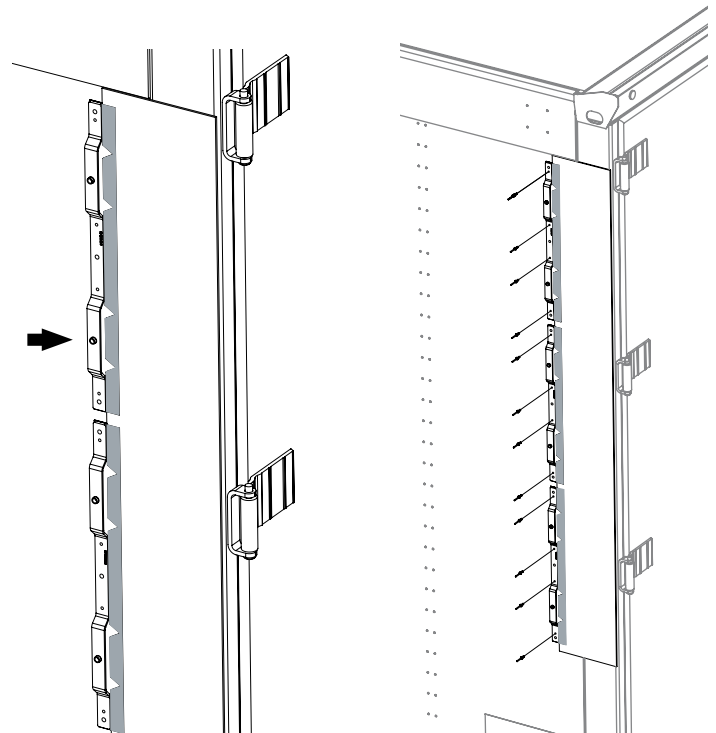
## Installing the Brackets

- Align the brackets with the grey zones on the template, peel each release liner, and stick them to the trailer wall.
- Apply pressure for 5 seconds.
- Drill through the small holes in each bracket.
- With the rivet gun, install the rivets (grip 0.126"-0.250") through the bracket holes.
- Remove the template from the trailer wall.



### WARNING:

When installing on an insulated refrigerated trailer, avoid drilling through the inner wall.



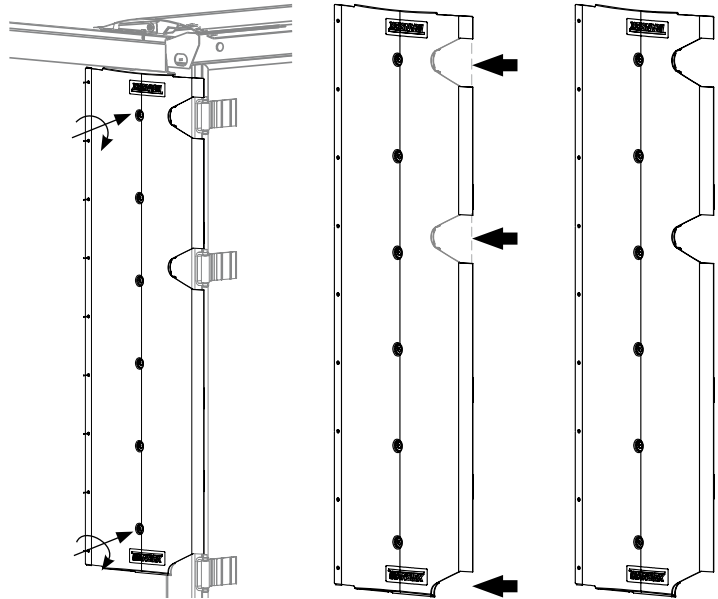
# 5

## Trimming the Side Fairings

### NOTE:

If the side fairings were factory pre-cut, please skip this section.

- Fit the fairing on the brackets and hand-tighten the top and bottom screws.
- Mark the boundaries of each hinge on fairing.
- Remove the fairing from the trailer.
- Align the hinge cut template with the marks on the side fairing and trace the contour.
- Cut along the contour and deburr.



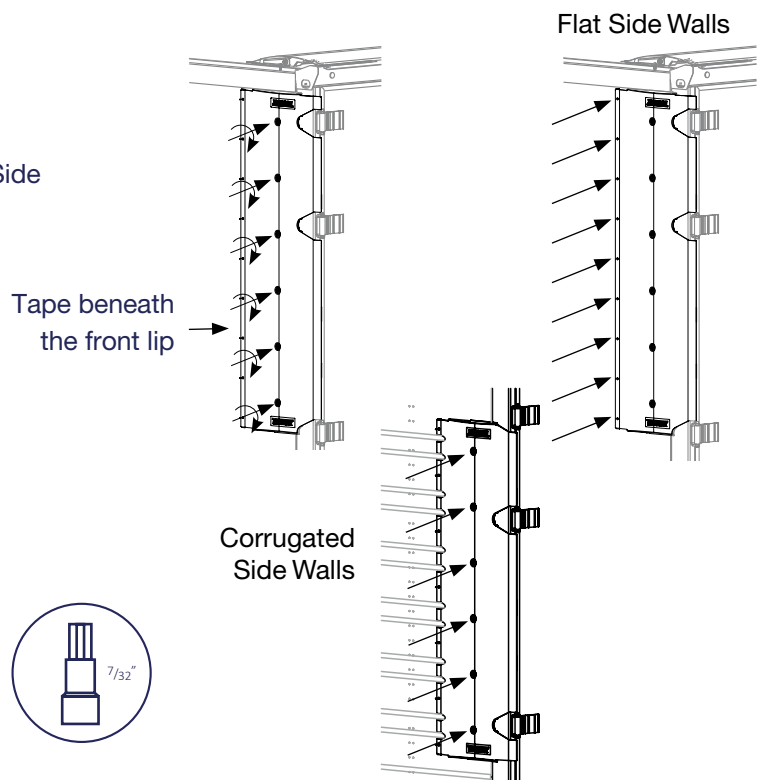
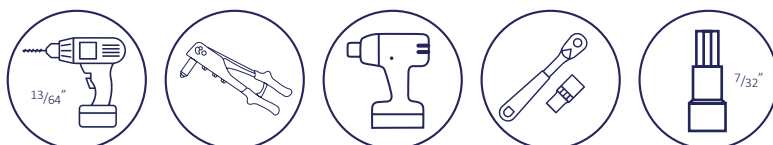
### NOTE:

Use tape to mask off the contour, to prevent scratching when cutting.

# 6

## Fastening the Side Fairing

- Fasten the fairing with the provided hardware.
- Torque between 15 and 20 ft-lbs.
- Peel the release liner from the leading edge of the Side Fairing and apply 15lbs of pressure for 5 seconds.
- Drill through all the holes on the leading edge, using the 13/64" drill bit.
- Install the rivets (grip 0.126" - 0.250") in each hole on the leading edge. 9x for Flat Side Walls. 7x for Corrugated Side Walls.
- If Side Walls are wavy, such that the leading edge cannot follow the surface, additional rivets are required.



- a. Repeat steps 1 through 6 for the remaining side fairing.
- b. Unlatch the doors, open them, and ensure that there is enough clearance around the hinges.
- c. Measure the trailer and ensure compliance with federal, state, and provincial regulations.

## EDGE FLAPS® INSTALLATION

### NOTE:

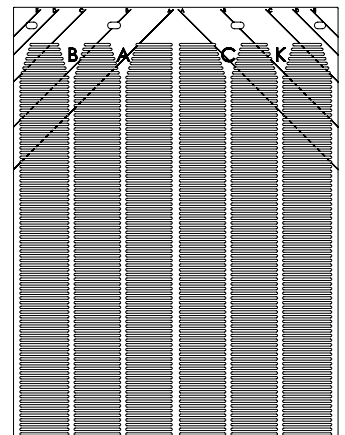
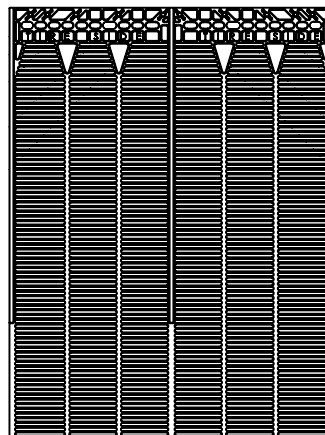
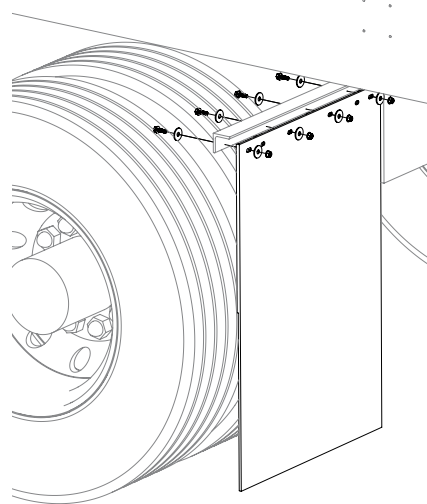
To ensure compliance across all states, it's recommended that the EDGE FLAPS® have a ground clearance of 8".

- a. Remove the existing mud flaps.
- b. Orient the flap so that the flat side faces the REAR (see rear view), and the TIRE SIDE faces the tires. EDGE FLAPS® are directional, so orientation is critical for performance.
- c. Install flap on bracket as shown (hardware is not included.)

### NOTE:

If needed, the EDGE FLAPS® may be trimmed to the appropriate height by cutting the lower portion with a rotary saw.

The EDGE FLAPS® have pockets to accommodate various mounting hole patterns (see the front/tire side). The upper corners of the EDGE FLAPS® may be trimmed at an angle to accommodate various mountin bracket shapes (see the rear view, diagonal lines labeled A, B, C, D, and E are provided as guides).



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# Installation Disclaimer

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The Purchaser acknowledges that the TRANSTEX® EDGE TOPKIT+™ and all individual components thereof must be installed by a qualified technician in compliance with the Seller's written instructions. The Purchaser assumes full responsibility for such proper installation, and expressly releases, discharges, and waives any and all actions or causes of action against the Seller arising in connection with the Purchaser's carelessness or negligence in ensuring the proper installation by a qualified technician according to the Seller's written instructions

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## Periodic Maintenance and Inspection

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The TRANSTEX® EDGE TOPKIT+™ is designed to stay on the trailer, maintain its shape, and not require special care for the lifetime of the product. However, we understand that the trailer and EDGE TOPKIT+™ may experience minor or significant damage that may affect its appearance and/or integrity

As part of a periodic maintenance program, routine inspections should be conducted every six months on the trailer:

- Look for holes, deep scratches, loss of adhesion, and major changes in the shape of the ARG and side fairings.
  - Check the ARG's sealant. If cracked or dried, replace it.
  - Tighten any loose bolts and nuts, if required.
  - Check for missing or broken rivets and replace them, if required.
- 

## Limited Warranty

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Damages caused by snow removal devices are not covered by TRANSTEX®'s limited warranty.

For warranty information, please refer to the following:  
ARG & SIDE FAIRING: <https://transtex-llc.com/warranty-edge-topkit-leadedge/>  
EDGE FLAPS®: <https://transtex-llc.com/edge-flaps-warranty/>

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### Technical Support

Technical Assistance:  
Call: 1-877-332-3519, Ext. 1, Option 3  
Email: [installation@transtex-llc.com](mailto:installation@transtex-llc.com)

### Customer Service

Customer Service:  
Call: 1-877-332-3519, Ext. 1  
Email: [customerservice@transtex-llc.com](mailto:customerservice@transtex-llc.com)  
Visit: [www.transtex-llc.com](http://www.transtex-llc.com) for your nearest dealer.