

SmartTruck Installation QuickStart

Aero Rain Guard (ARG)

1. Trailer Inspection

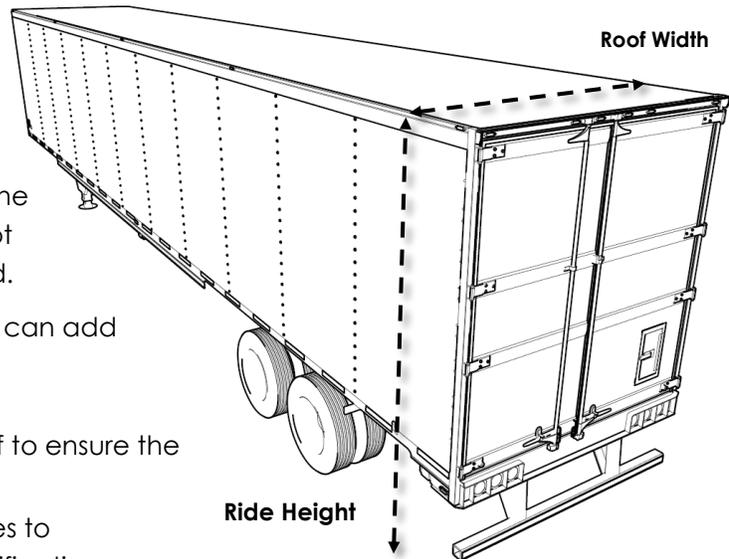
A.) Inspect the roof for signs of damage and repair if

B.) Measure the trailer height, 8" from the rear, to ensure the ride height will not exceed 13' 6" with the ARG installed.

Depending on the header, the ARG can add up to **1 3/4"** to the overall height.

C.) Measure the width of the trailer roof to ensure the proper mounting brackets are used.

SmartTruck offers various bracket sizes to accommodate different trailer specifications.

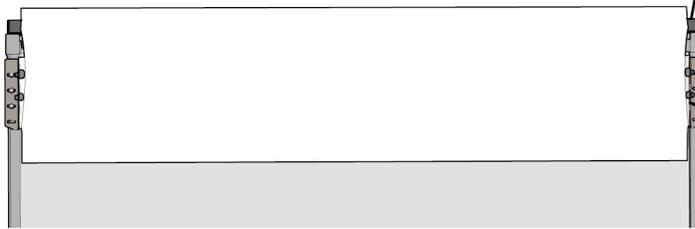


2. Set-Up

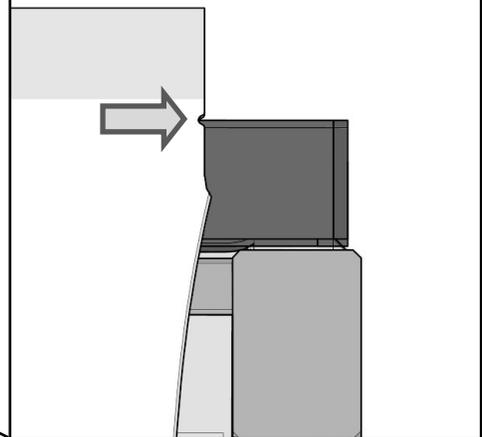
Position the ARG on the roof, then clamp the brackets on each end to the roof extrusion.

The ARG brackets should be nearly flush with the roof extrusion on each side of the trailer. If there is an overhang of more than .5" you will need to replace the bracket.

Do not modify the brackets in any way.

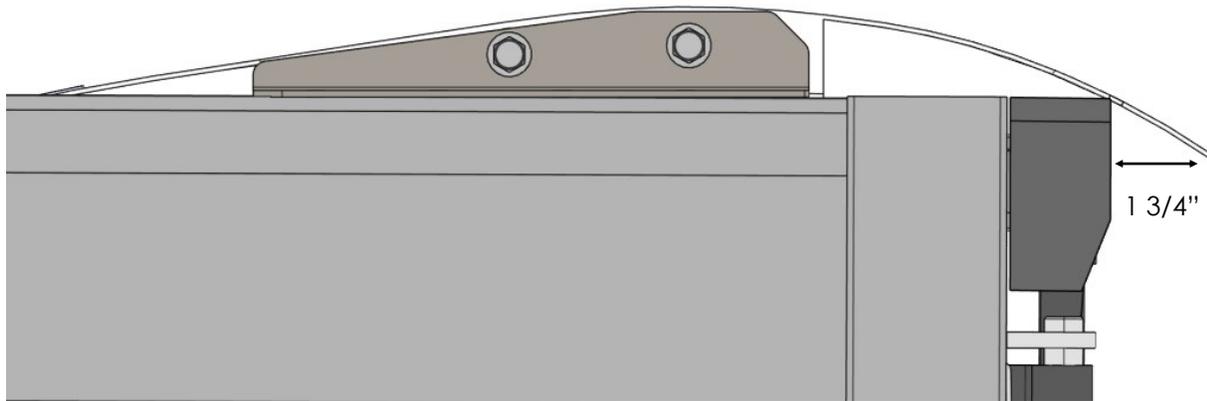


Align the ARG notches with the back edge of the rear header of the trailer.



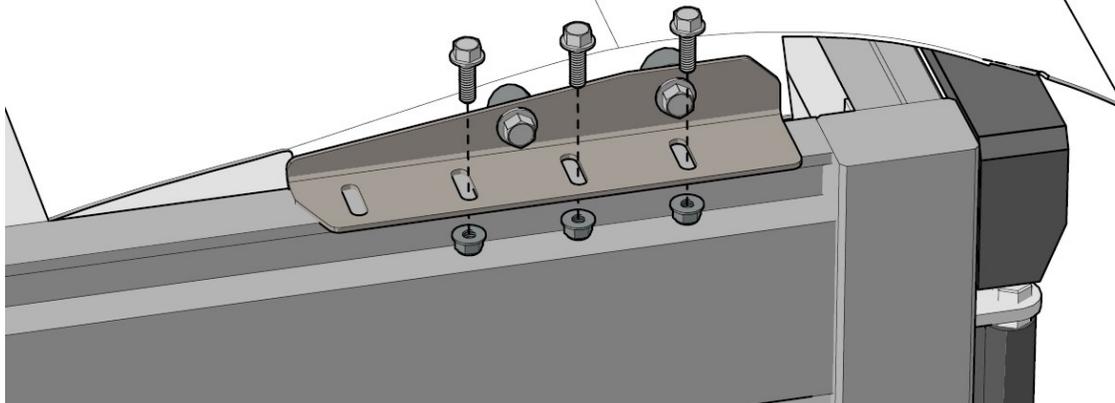
3. Alignment

There will be a **1 3/4"** overhang off the rear of the trailer.



4. Drill and Fasten

 = 5/16"



- Drill a hole through three of the slots.
- Attach bolts from fastener kit SMT-05-8002.
- Torque bolts to **17 foot-pounds**.
- To ensure a water tight seal, add caulking to each hole

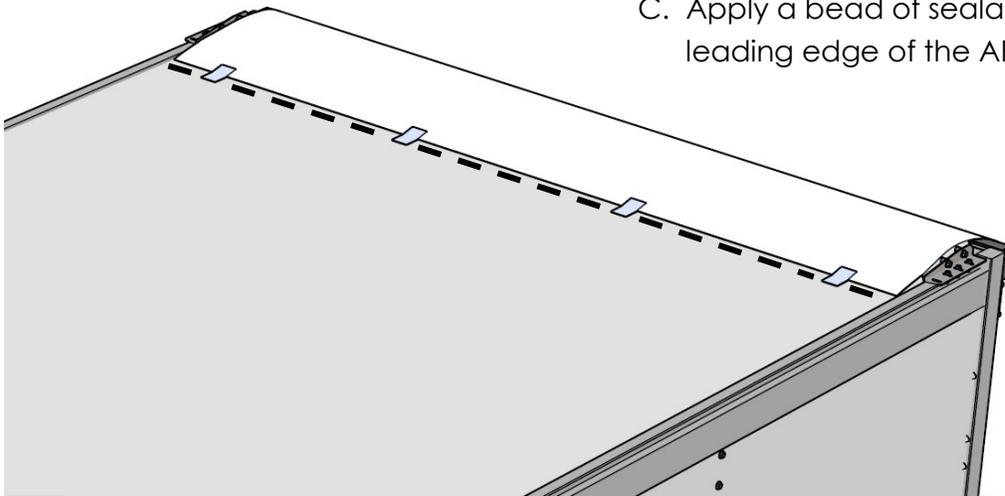
 = 1/2"

5. Install ARG Tabs

A. Clean the trailer roof directly in front of the ARG with **acetone** and allow to fully dry.

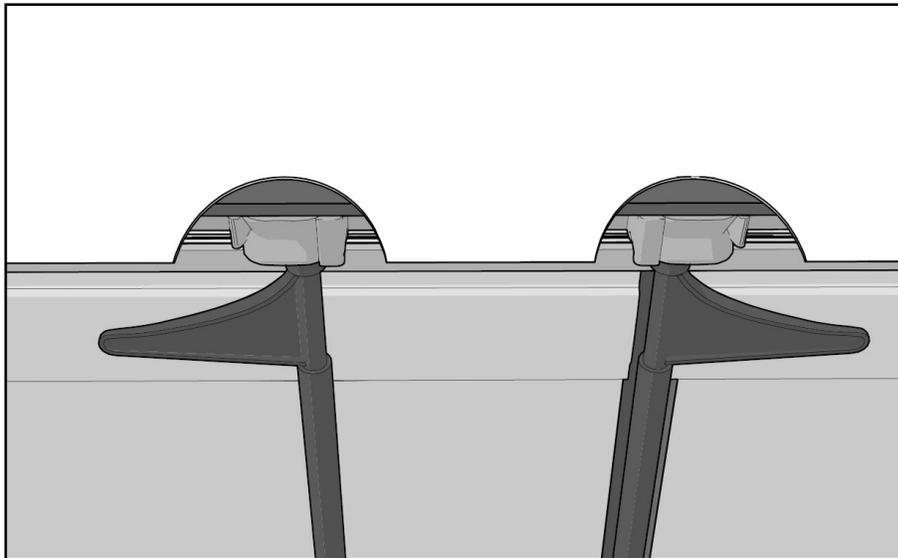
B. Install the four ARG Tabs evenly across the leading edge.

C. Apply a bead of sealant along the leading edge of the ARG in between

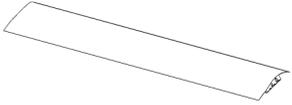
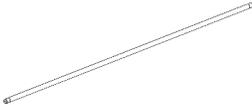
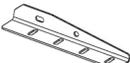


**Recommended:
Manus Bond 30A
or equivalent**

6. Finish



- If necessary, trim arc cut-outs into the ARG to provide clearance around lock rods.
 - As applicable, trim material around lights to ensure DOT compliance.
 - **Measure the trailer at the highest point of the ARG to ensure the ride height does not exceed 13 feet, 6 inches.**
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Part No.	Qty.	Description	*SMT-A5-1019 used as example
SMT-P1-00031	1	ARG, plastic fairing	
SMT-05-2022	1	ARG, tube weld, 1" OD, 97.75" Length	
SMT-05-2023	1	ARG, tube weld, 1.25" OD, 97.75" Length	
SMT-05-3075	1	ARG, angle bracket, 100-101.75" roof, roadside	
SMT-05-3076	1	ARG, angle bracket, 100-101.75" roof, curbside	
92979A348	4	Flange bolt, 3/8"-16 thread, 1.25" Length	
SMT-05-8002	1	ARG, Fastener Kit	
92979A253	6	Hex flange bolt, 5/16"-18, 1" Length	
93298A120	6	Hex locknut, nylon insert, 5/16"-18 thread	
SMT-05-3074	4	ARG, roof tab, aluminum, leading edge	

Aero Rain Guard Assembly Options	
Roof Width	Part Number
99.75"	SMT-A5-1020
99.75" Trimmed	SMT-A5-1022
100-101.75"	SMT-A5-1019
100-101.75" Trimmed	SMT-A5-1018
102"	SMT-A5-1021
102" Trimmed	SMT-A5-1023

INSTALLATION DISCLAIMER

Purchaser acknowledges that the UnderTray System and individual components thereof must be installed by a qualified technician in conformance with Seller's written instructions. Purchaser assumes full responsibility for such proper installation and expressly releases, discharges, and waives any and all actions or causes of action against Seller arising in connection with Purchaser's carelessness or negligence in ensuring the proper installation by a qualified technician according to Seller's written instructions therefor. **NOTE:** These are supplemental installation instructions for the ARG only, this document does not