

Subject: Recall 24v410

Date: 7/12/2024

Rev.: FR

No.: B24003

Re.: Baseraill Separation on Refrigerated Vans

Type: Safety

Priority: As soon as possible.

Units Affected: 511

Background: The Baseraills installed on certain refrigerated van trailers may become detached while being loaded, unloaded, or operated. Separation of the base rail and side wall could compromise the trailer floor. If such separation occurs while the vehicle in in operation, compromises to the floor could cause a shift or loss of cargo and could reduce operator control of the trailer, increasing the risk of a crash.

Materials:

<u>Item</u>	<u>Part Number</u>	<u>Qty</u>
ECONEX BASERAIL REPAIR KIT-FIELD	53000144	TBD
ECONEX BASERAIL REPAIR KIT-FIELD-SS	53000146	TBD
ECONEX BASERAIL REPAIR KIT-FIELD-RUBRAIL	53000148	TBD
EE18 - PRE-PUNCHED HOLES 205.63	01A02684	6
.125" SQ ANGLE CAP - 6061-T6	EE196226	2

Tools:

- Pneumatic Adhesive Applicator for 400ml. 1 to 1 Cartridge
- 80 Grit Sandpaper
- 36 or 40 Grit Sandpaper
- F Drill Bits
- 3/8" Drill Bits
- Monobolt Gun for 1/4" Pull Fasteners
- Adjustable Countersink
- 3/8" Drill
- Impact Driver
- 9/16" Wrench
- TX45 Torx Bits
- TX27 Torx Bits
- Box Knife
- Putty Knife
- Caulking Gun

⚠ CAUTION!

- Wear appropriate personal protective equipment [PPE] (e.g., gloves, safety glasses and hard hat), when carrying out the following procedure.
- Should welding or cutting is needed, do so in a well-ventilated area and wear appropriate head/face/eye protection, welding gloves and clothing.
- Refer to adhesive and chemical manufacturer’s MSDS for safe use and handling instructions if applicable.
- Follow your company’s safety procedures in addition to these recommendations.
- Follow industry standards for installation and tightening of all fasteners where torque values are not called out.

Procedure:

1. Remove obstructions such as Decals, Rubrails, or other componentry that is positioned within 5” of the top edge of the Baserail.



2. Remove the Caulking at the Baseraill to Sidewall connection.



3. Dry fit the provided three extrusions part # 01A02684 by adding “tack” fasteners at the front, middle, and rear on the top of each Extrusion. The “Butt” joints should be tight with no gaps and should be aligned top to bottom. One extrusion on each side will need to be cut to length.



- Using an “F” Drill bit, transfer drill all upper and lower holes into the side wall and Baserail.



- Remove the “Tack” fasteners and place the extrusions out of harm’s way.



- Using Acetone, thoroughly wipe the surface areas of the Baserail and Sidewall as shown below. Wipe in one direction using a wet lint-free rag followed by a dry lint-free rag. Repeat this process until the rag has a clean appearance after wiping.

NOTE: If dirt and debris is excessive, it would be best practice to first clean with Windex glass cleaner.



- Place a mark on the sidewall at 5" from the top of the Baserail.



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- Using the 5” mark as a guide, abrade the area of the sidewall using 80 grit stearate-free sandpaper. Stearate is **an external coating on some coated abrasives**. It acts as a lubricant to reduce friction while sanding which may cause contamination for this process.



- Using 36 or 40 grit stearate-free sandpaper, abrade the mating area of the Baserail.



- After abrasion has been completed, repeat step 6 above.

11. On the backside, or mating side of the Extrusions, complete steps 6, 9, and 10 above, in order. (Clean, Abrade, Clean, for reference).

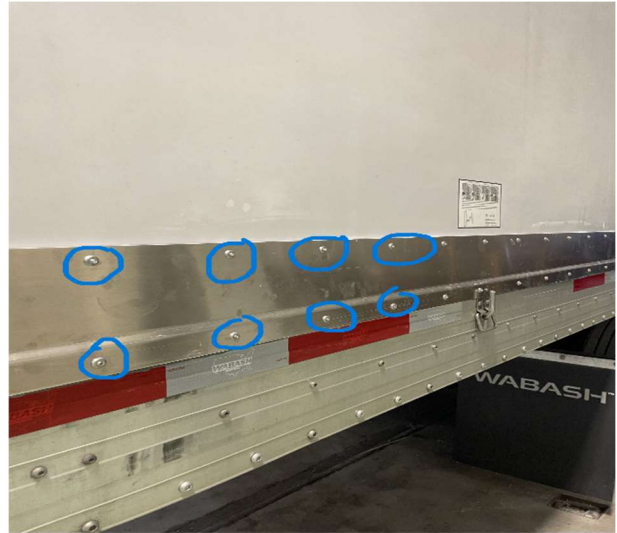


12. Apply four 1/4" to 3/8" beads of adhesive full length of the extrusion as shown below. Best practice is to only apply adhesive on one Extrusion at a time. The top bead should be placed at 1/2" to 3/4" to help reduce ooze out. The date code on the adhesive cartridge should also be checked prior to dispensing. Please see date code reference on the last page of this bulletin.



Bottom bead should be centered on the offset portion of the plate.

13. Position the Extrusion on the Sidewall and install the provided PRV00011 fasteners. All ooze out of Adhesive should be cleaned up immediately after installation.



14. Repeat steps 12 and 13 above on the remaining two Extrusions.

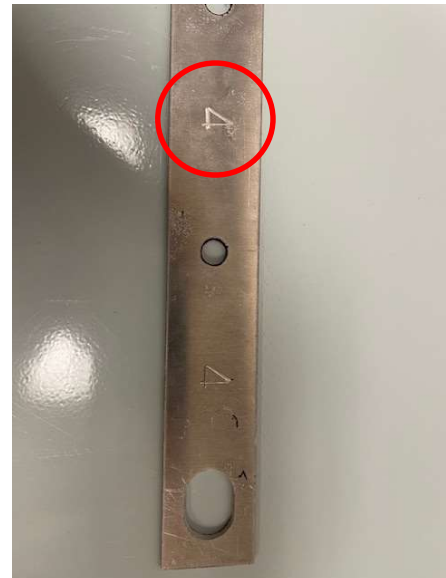
15. Using provided Template "3" mark the upper row of Baseraill bolts to convert the spacing from 12" to 6".



16. Using a 7/32” Drill bit, drill the additional holes.

17. If original bolts are stainless steel, install provided BLT00581 using a TX27 Torx bit,
If original bolts are zinc coated, install provided BLT00293 using a TX27 Torx bit. Use caution not to overtighten as these are Thread cutting, Self-tapping fasteners.

18. Using provided Template “4”, mark the lower row of Baseraill bolts to convert the spacing from 12” to 4”.



19. Using a 3/8” Drill bit, drill the additional holes.

20. If original bolts are stainless steel, install provided BLT00814 using a TX45 Torx bit.
If original bolts are zinc coated, install provided BLT00470 using a TX45 Torx bit.
Both bolt versions will be used in combination with provided NUT00001.

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21. Using provided Template “1” mark the Toprail and Upper Roof Extrusion for the addition of provided PRV00011’s on 8” centers. Drill holes with an “F” Drill bit.

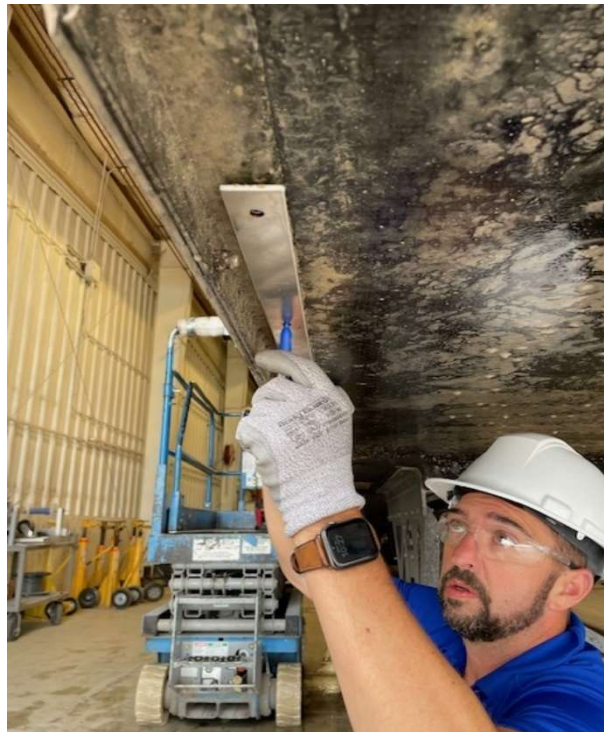


The edge of the Marking Guide should be lined up with the bottom edge of the Toprail.



The edge of the Marking Guide should be lined up with the inside edge of the roof Extrusion.

22. Using provided Template “1”, mark the lower Floor Support Angle for the addition of provided PRV00011’s on 8” centers. Drill holes with an “F” Drill bit.



23. Using provided Template “2”, mark the interior 3” X 4” angle for the addition of provided PRV00060’s on 6” centers. Drill holes with an “F” Drill bit.



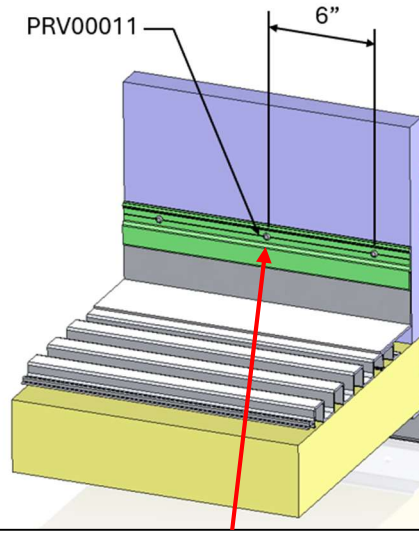
The edge of the Marking Guide should be lined up with the inside edge of the Floor Angle.

24. Before installing the fasteners, using an Adjustable Countersink Tool, countersink all holes so that the fasteners set flush with Extrusion surface. 100° Countersink should be used.

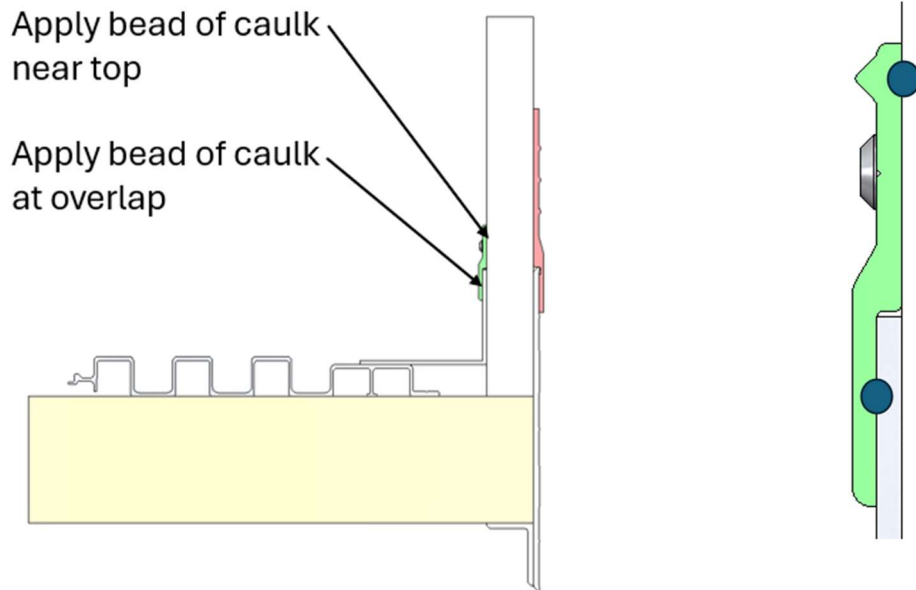


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25. Install the provided extrusion part # EE196226 using the provided PRV00011's on 6" centers.
The extrusion will sit tight on top of the top of the 3x4 leg. Add caulking as shown below.



NOTE: These holes will not be pre-drilled, but there is a feature on the Extrusion to assist with hole alignment. An "F" bit should be used for this process.



- 26. Add a bead of caulking at the top of the Baserail reinforcement plates full length.
- 27. Repair / replace any missing or broken caulking beads where the 3” X 4” Interior angle mates up with the Aluminum floorboard.
- 28. Repair / replace any missing or broken caulking beads where the lower angle mates up with the bottom of the floor.
- 29. Repeat all steps above on both side of the trailer.

Lot Example

Lot Number = 810161

Year = 2018 (8)


Month = October (10)

Day = 16th (16)


Batch = 1st (1)

Shelf life* = 12 months

*when product is stored between
54°F (12°C) and 74°F (23°C)



Lot Number →



Questions or concerns regarding this Bulletin should be sent to eric.johnson@onewabash.com or Benjamin.grant@onewabash.com

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SRT: 32 Man Hours