



BULLETIN

Subject: Installation of Galvanic Barrier

Date: May 27, 2020

Rev.: FR

No.: B20008

Re.: Installation of Galvanic Barrier to the Aeroskirt Spring Posts Type: Technical

Priority: Earliest Opportunity

Units Affected: Please see VIN and Unit # listing.

Background:

Due to a customer complaint of a cracked spring post, an internal quality inspection found that a galvanic barrier had not been installed between the galvanized Aeroskirt Spring Posts and the aluminum mounting plates on the bottom of the trailer. Over an extended period of time, this can lead to Galvanic Corrosion between the two mating surfaces. This bulletin outlines the installation of a barrier between the two dissimilar components. It is also possible to damage fasteners while removing the Spring Post when performing this bulletin. Even though each panel of the Aeroskirt is tethered to the trailer's underside, additional screws will also be added as part of this repair to ensure proper and adequate resecurement of the Spring Post assemblies.

Materials:

Item	Part Number:	Qty:
Mounting Bolts	BLT00155	32
Barrier Tape	21100015	1
Spring Post Assembly	21801279	As needed

Tools:

- 2-Drills
- 9/32" Drill Bit
- 5/16" Drill Bit
- TX30 Torx Bit W/Cone
- TX40 Torx Bit W/Cone
- 3/8" Drive Air Impact or Equivalent
- 7/16" Wrench
- Sliding T Square
- Marking Pen
- Torque Wrench



CAUTION!

- Wear appropriate personal protective equipment [PPE] like gloves, safety glasses and hard hat for example, when carrying out the following procedure.
- Should welding or cutting be 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:

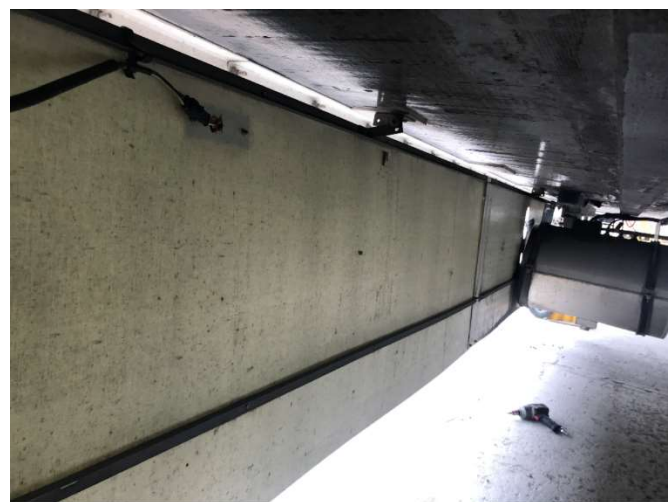
1. Remove all fasteners connecting the Aeroskirt panels to the four Spring Posts.



2. Once all screws attaching the panels to the posts have been removed, flex the Spring Post inwards and push / pull the skirt panels away from the post allowing the skirt panels to hang from the tethers. There will be one factory installed tether per panel for the skirt to hang from.



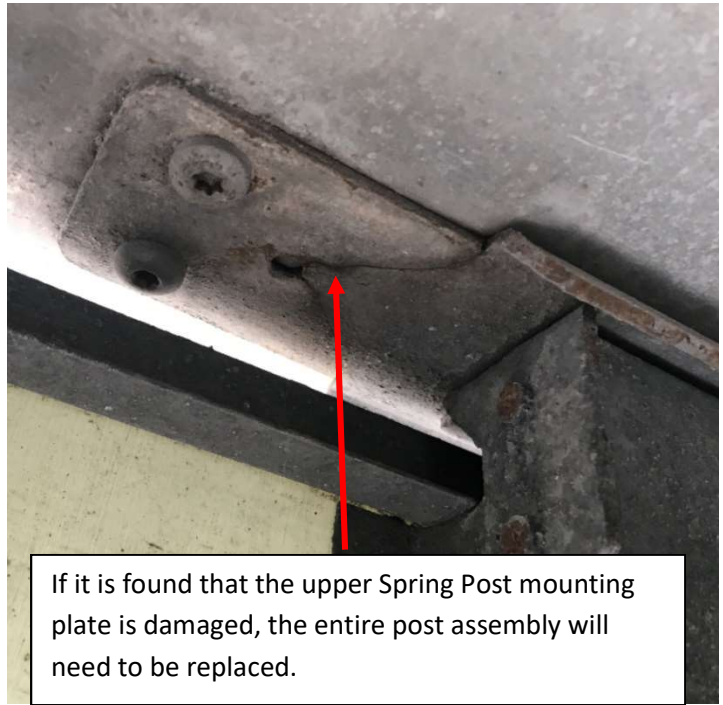
Before



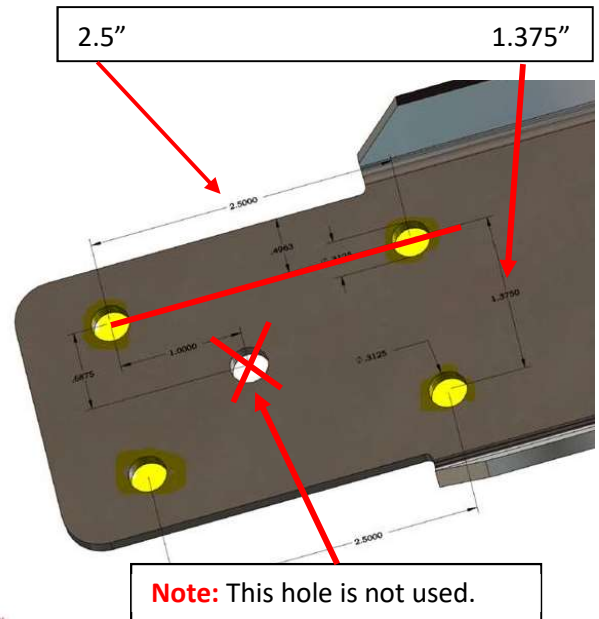
After

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3. Remove the bolts securing the Spring Posts to aluminum mounting plates.



4. Once the Spring Posts have been removed locate the drilling locations for adding the additional bolts.



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5. Once the posts have been marked for drilling, drill from the top down using a 5/16" drill bit. You will need to drill four additional holes per post assembly.



6. Once all four holes have been drilled, apply the 21100015 Barrier tape to the topside of the Spring Post assemblies.



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7. Once all holes have been drilled, and the barrier tape applied to the topside of each post assembly, reinstall the post assemblies using the original mounting holes. When running the bolts in with the impact stop short of tight, as these will be torqued to 15 ft. lbs. later in step 9



If a mounting screw broke off during the removal of the Spring Post assembly, no action is required. The additional 4 screws were added for this reason.

8. Once the Spring Posts are in place, using the newly pre-drilled holes as a guide, drill up through the aluminum mounting plate and into the bottom of the MSC floor using a 9/32" drill bit.



Note: When drilling through the aluminum plate it vey important to drill the hole as straight as possible so that the entire circumfrance of the bolt head seats flat against the mounting plate.

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9. Once the holes have been drilled, install the 4 additional bolts in each of the four spring posts. When running the bolts in with the impact stop short of tight so you may finish the installation with a torque wrench. To prevent damage to the bolt and the aluminum plate, torque all installed spring post mounting fasteners to 15 ft. lbs. +or- 1 ft. lbs..



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10. Once the additional bolts have been secured into all 4 Spring Posts, re-attach the skirt panels to the posts, re-using the pre-existing hardware.

Repeat steps 1 thru 10 on the opposing side of the unit.



- SRT for this repair is four hours per unit (two hours each for two technicians).
- All parts will be provided by Wabash National.
- Spring Posts will be supplied only as needed.

**For any questions regarding these repairs please
contact the Wabash National Warranty Department at
765-771-5404**