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Coding Information

|               |                        |                                                   |                      |           |                      |                  |                      |
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**Title:** Horizon Cab Door Field Replacement and the Side Window Air Deflectors

**Applies To:** MV HV RH LT Lonestar either side front cab door

## CHANGE LOG

Please refer to the change log text box below for recent changes to this article:

05/01/2020 - Initial Article Release

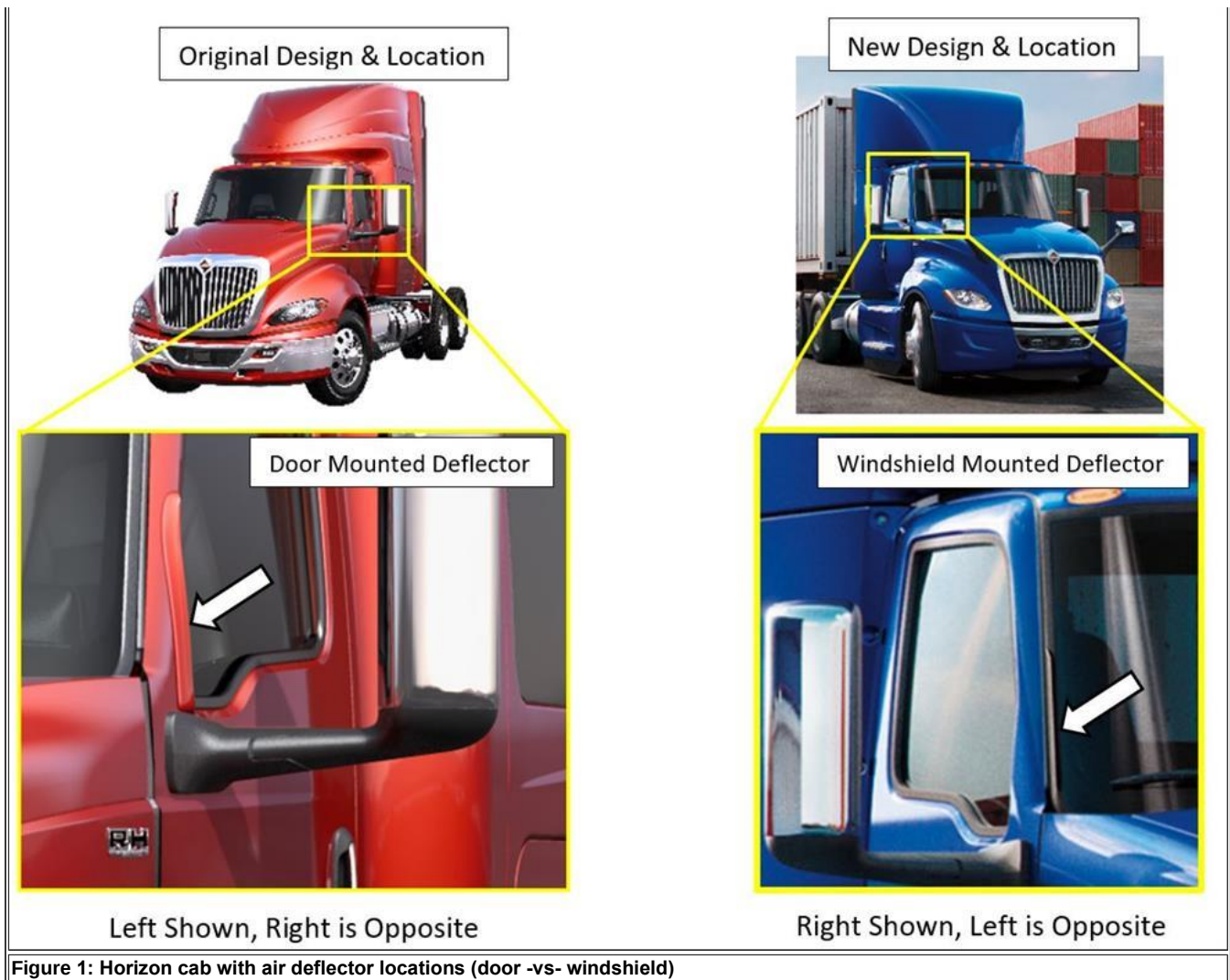
## DESCRIPTION

This document will explain the changes being made to the front cab door service parts concerning placement of the side window air deflector. Both driver and passenger side doors that have the side window air deflector currently mounted on the front door pillar will have a different attachment procedure going forward on all service part replacement doors from the PDC. This air deflector design is being changed in production to remove it off of the door pillar and incorporate it onto the windshield seal, both left and right sides of the cab. See figure 1.

The current deflector is located and attaches to the pillar using three holes that are present in the door pillar. These three holes are being eliminated and the air deflector will have to be modified before it can be attached to the door pillar.

### **NOTE:**

**This article will only be applicable to cabs with the deflector mounted on the door pillar. If the cab has the deflector at the windshield, this article does not apply.**



The following are the service cab door part numbers that have been affected by the engineering change.

The **NEW** part numbers list will no longer have the 3 holes present for the air deflector.

| Old Part Number | New Part Number |
|-----------------|-----------------|
| 4061000W963     | 4172798W91E     |
| 4061001W94E     | 4172799W91E     |
| 4061050W94E     | 4172878W91E     |
| 4061051W94E     | 4172879W91E     |
| 4061052W94E     | 4172880W91E     |
| 4061053W94E     | 4172881W91E     |

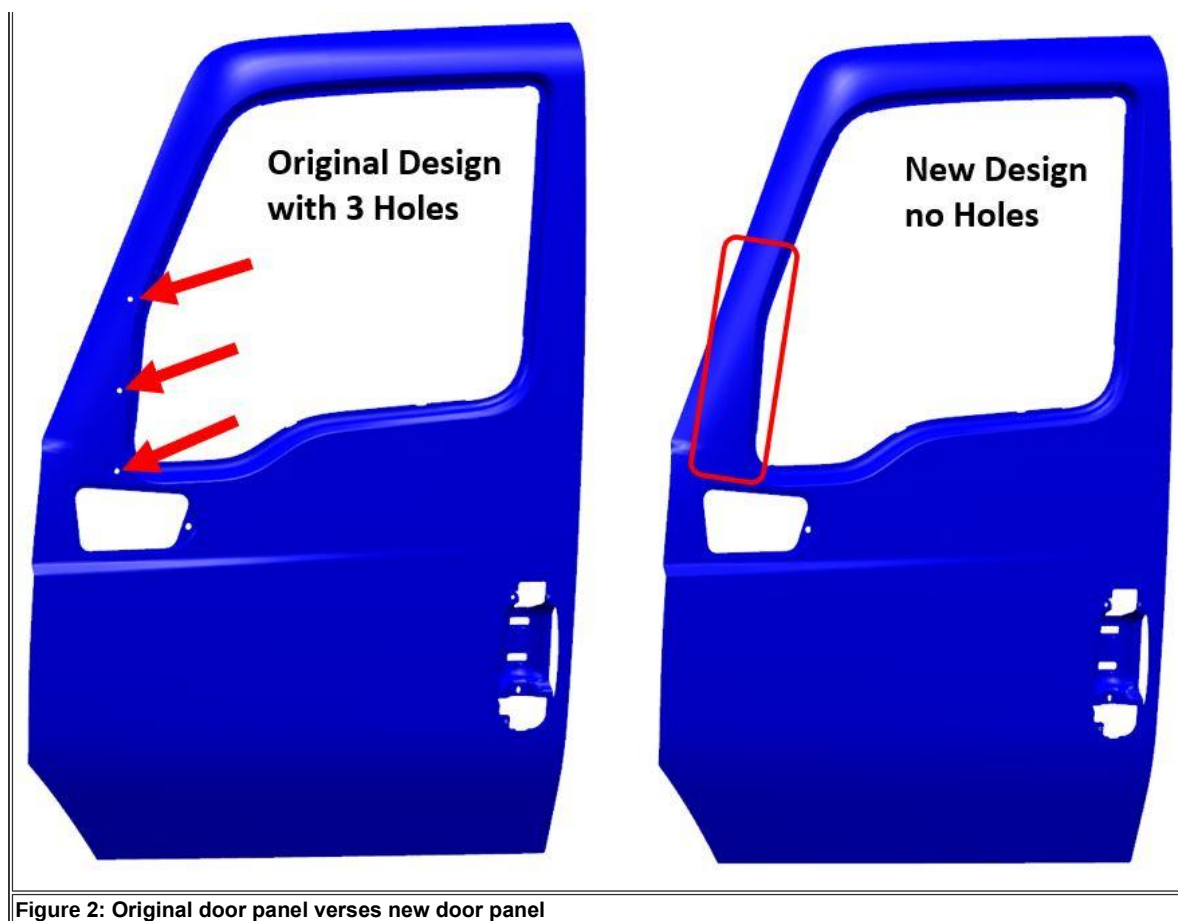


Figure 2: Original door panel verses new door panel

## **SYMPTOM(s)**

The service part cab door does not have the three holes on the pillar for the air deflector to mount to.

### **Diagnostic Trouble Code(s) & Dashboard Indicator Light(s):**

There are no DTCs or indicator lights for this condition.

### **Customer Observations or Concerns:**

This condition is transparent to the customer.

## **SPECIAL TOOL(s) / SOFTWARE**

There are no special tools required to perform the service listed in this article.

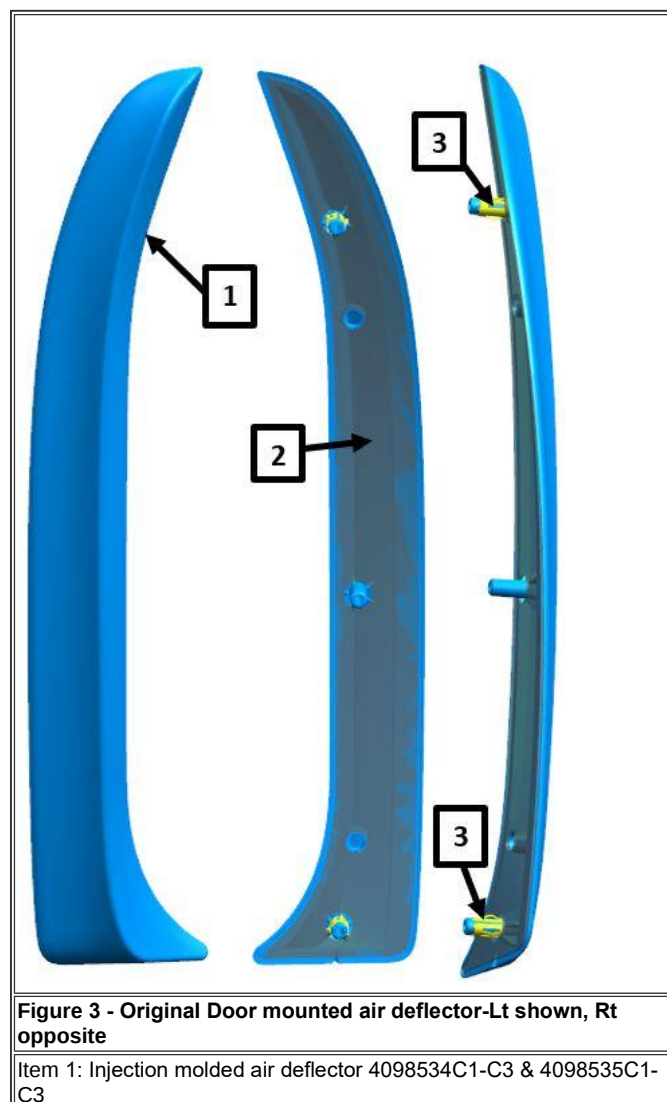
## **SERVICE PARTS INFORMATION**

These service part cab doors will NOT have the 3 mounting holes for the original air deflector to be installed.

| Door Description                              | Part Number |
|-----------------------------------------------|-------------|
| DOOR, CAB LEFT, PEDESTAL, N/LOOKDOWN          | 4172798W91E |
| DOOR, CAB RIGHT, PEDESTAL, N/LOOKDOWN         | 4172799W91E |
| DOOR, CAB LT, C-LOOP, N/LOOKDOWN              | 4172878W91E |
| DOOR, CAB RIGHT HAND, PEDESTAL, WITH LOOKDOWN | 4172879W91E |
| DOOR, CAB RIGHT HAND, C-LOOP, N/LOOKDOWN      | 4172880W91E |
| DOOR, CAB RIGHT HAND, C-LOOP, WITH LOOKDOWN   | 4172881W91E |

## DIAGNOSTIC STEP(s)

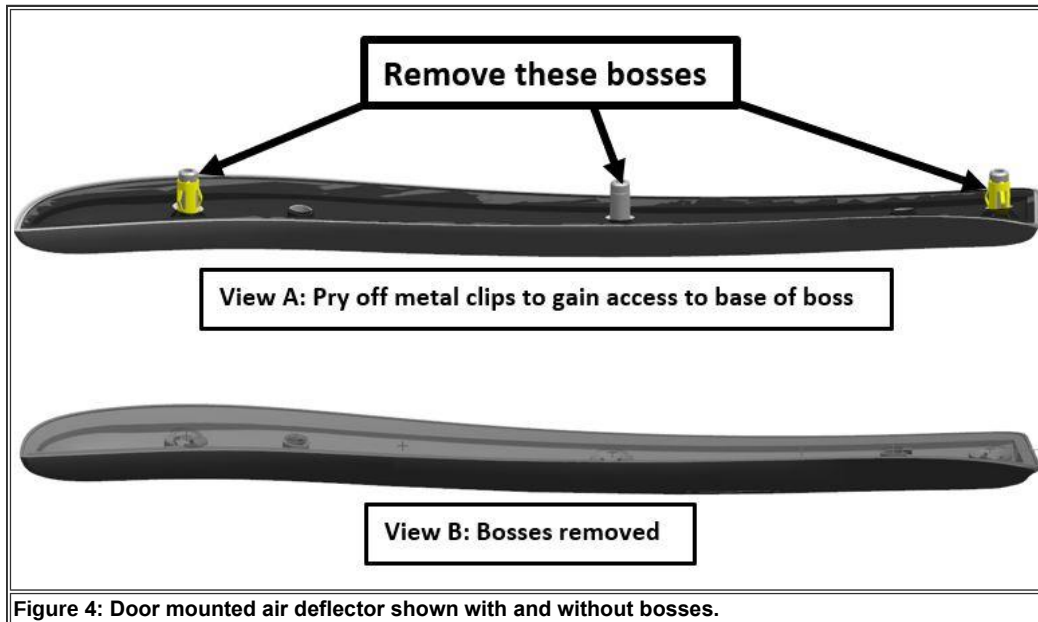
| Step | Action                                                                                                                                                                                                                                                                                                                                             | Decision                                                                                                                                                            |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | <b>DIAGNOSTIC:</b><br><br>Does the cab being serviced for a new front door have the door mounted air deflectors installed?<br><br>Note: The original Horizon cabs have the side window air deflector mounted directly to the door A-pillar. The new version released in 2020 has the deflector located at the windshield seal. See figure 1 above. | <b>Yes.</b> The replacement deflector will have to be modified before it is painted and mounted to the replacement cab door. See repair & installation steps below. |
|      |                                                                                                                                                                                                                                                                                                                                                    | <b>No.</b> No action needed.                                                                                                                                        |



Item 2: Pressure Sensitive Foam Adhesive  
Item 3: Metal Retention Clip

## **REPAIR AND INSTALLATION STEP(s)**

### **MODIFICATION OF AIR DEFLECTOR:**



Step 1 - Prior to painting the deflector carefully remove the three mounting bosses on the back side. See figure 4.

Step 2 - Use a side cutter or Dremel rotary tool to cut off the boss. Be careful to NOT damage adhesive.

2a. Using a thin sheet of metal with a hole to lay over part will help protect the part during modification.

Step 3 - Sand/grind/drill down the 3 nubs so they are all below the mounting plane of the back side of the deflector.

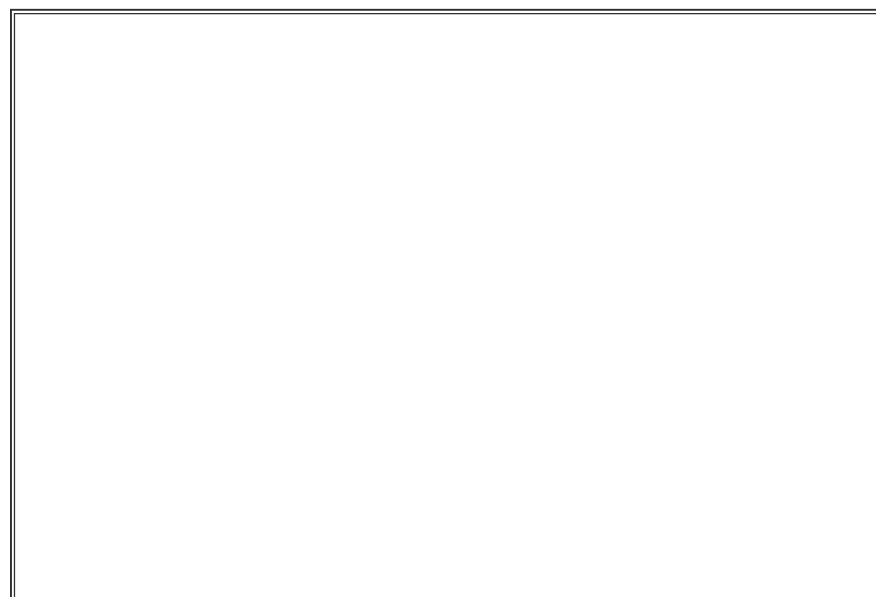
3a. This will prevent interference with installation and adhesion to the cab door pillar.

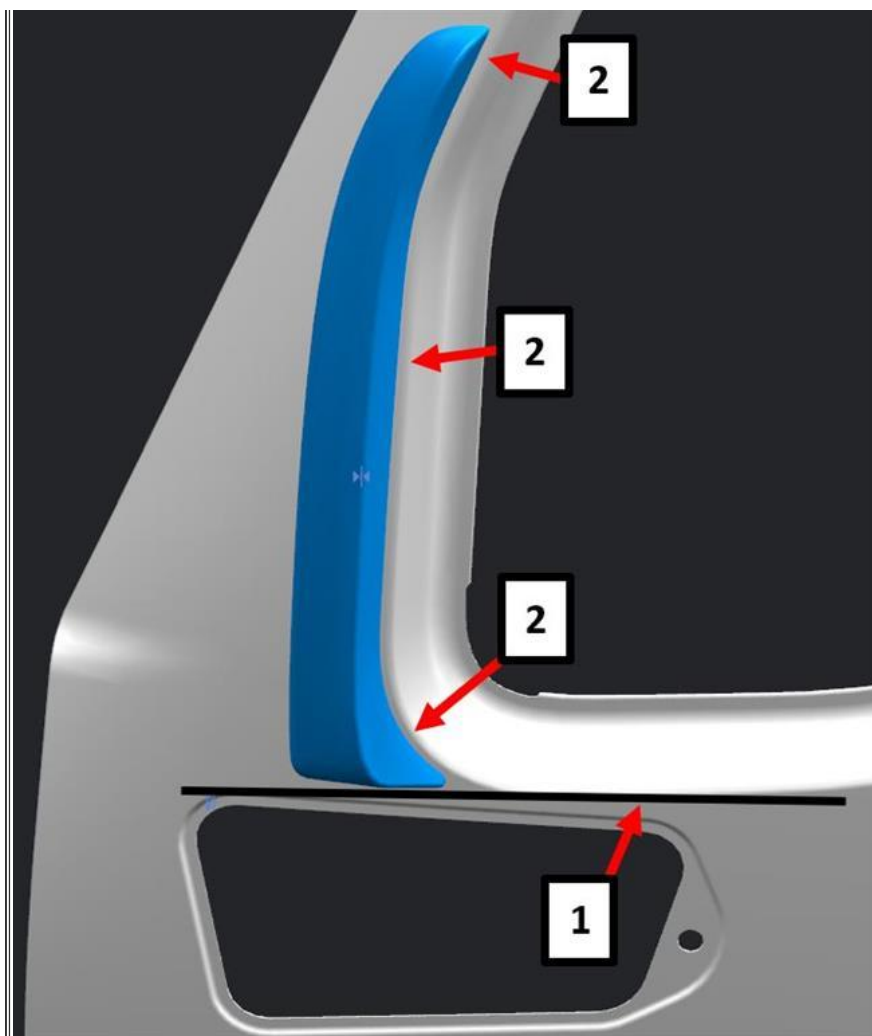
Step 4 - Clean, prep, and paint deflector to color match the cab.

#### **NOTE:**

**Do not oven bake or heat the part to dry the paint. This will damage the adhesive**

### **INSTALLATION PROCEDURE:**





**Figure 5: Alignment and location of deflector to door panel (left shown, right opposite)**

Item 1: Guide line as needed using styling line shown from lower window cutout.  
Item 2: Reference points to match when placing deflector on door.

**Note: After the cab door and deflector are painted with final top coat, the deflector can now be installed.**

Step 1 - Mark the door with a dry erase pen or other mark that can be cleaned off without damage to paint. See figure 5, Item 1.

1a. Do a dry fit without peeling off adhesive liner first to practice the alignment and location.

Step 2 - Peel off the preinstalled adhesive liner from the back of the deflector visually align the part with your reference line and the inside edge of the door pillar.

Step 3 - Gently set deflector onto door and check alignment/placement prior to pressing in place. If location looks good, apply 15 pounds of pressure to part.

3a. Using a soft cloth and firm hand pressure to rub up and down the entire length of the part a few times will get the job done.

3b. The adhesive is somewhat forgiving before it is firmly compressed so be sure to gently place deflector and check alignment prior to pressing.

#### **NOTE:**

This process is the same for both the left & right sides. Left side shown, right is opposite.

## **WARRANTY INFORMATION**

### **Warranty Claim Coding:**

Refer to the [Warranty Coding Manual](#) for Group and Noun Codes.

### **Standard Repair Time(s):**

Refer to the [SRT Manual](#) for Repair Times

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## OTHER RESOURCES

[Master Service Information Site](#)

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