



## **SERVICE BULLETIN**

**SB-18-030 AIR SPRING SHIELD**

**GROUP: 48-SUSPENSION**

**BULLETIN NO: SB-18-030**

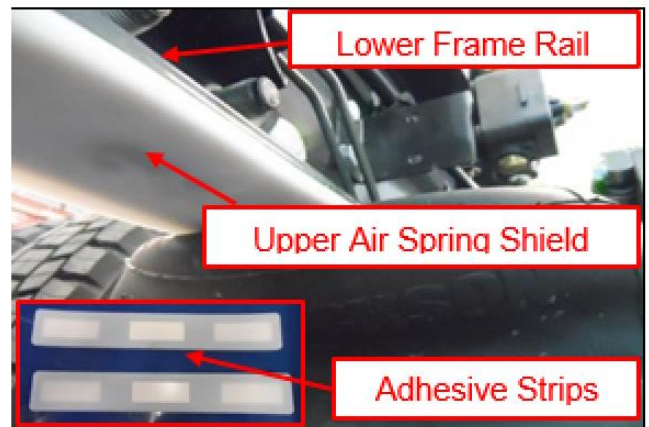
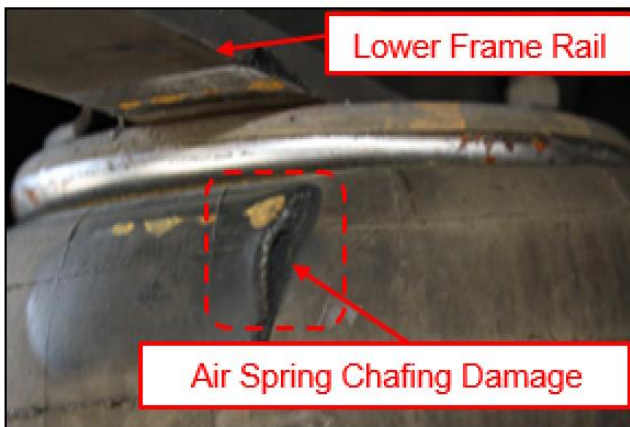
**DATE: 11-1-2018**

**REF: HMM-181031-G1**

**SUBJECT VEHICLES:** Certain 06MY-19MY Conventional Trucks equipped with a J08 engine

**OVERVIEW:**

The subject vehicle may experience air spring chafing damage due to contact with the frame rail. An air spring shield has been made available to prevent air spring failure due to frame rail chafing.



**PARTS:**

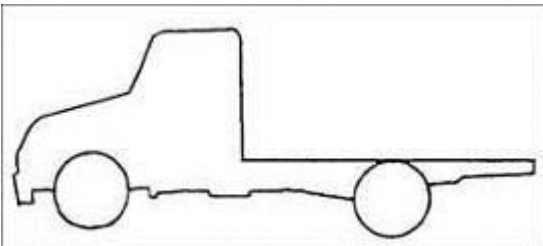
Part Number	Part Description	Quantity
S48CUE0010	Upper Air Spring Shield	2 Per Vehicle

## ***BEFORE YOU BEGIN:***

- Read and understand all instructions and procedures before you begin the work.
- Read and follow all **WARNINGS** and **NOTICES** set forth in this publication. These alerts help to avoid damage to components, serious personal injury, or both.
- Park the vehicle on a flat, level and solid surface.
- Place the gear shift lever in "Neutral" or "Park".
- Apply the parking brake firmly and confirm parking brake activation.
- Turn off the engine and remove the key from the ignition switch.
- Always wear safety glasses or goggles to protect your eyes.
- Place wheel chocks in front of and behind all the wheels to prevent the vehicle from moving.

## ***VEHICLE PREPARATION:***

1. Park the vehicle on a flat, level and solid surface.



2. Confirm the engine is stopped, the ignition switch is in the off (LOCK) position, and the key is removed.



3. Apply the parking brake.



4. Chock all of the wheels.



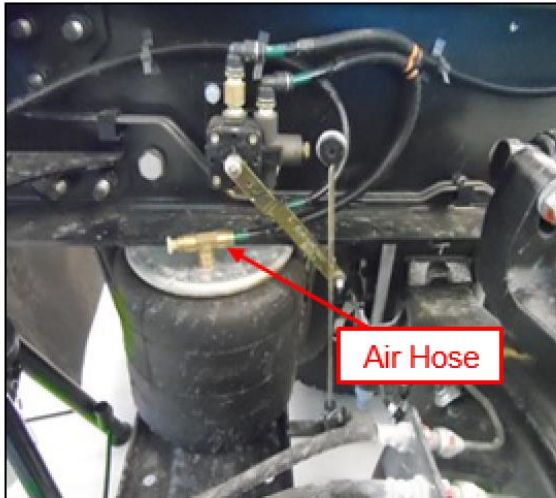
## ***REPAIR PROCEDURE:***

1. Raise the rear of the vehicle and place a jack stand under each frame rail. Lower the frame onto the jack stands, ensuring no weight is carried by the rear suspension.



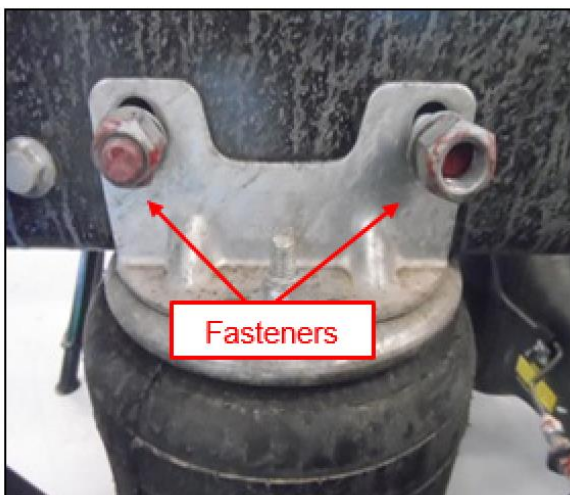
2. Disconnect the air hoses on both sides of the vehicle.  
(Use the same procedure for both sides).

**NOTICE:** Only one side is shown in the photo below.



3. Remove the nuts, washers, and bolts from the air springs on both sides of the vehicle. Retain the nuts, washers and bolts for reassembly.  
(Use the same procedure for both sides).

**NOTICE:** Only one side is shown in the photo below.



4. Place the first upper air spring shield on top of the air spring as shown in the photo below, with the adhesive strips facing up. Center the upper air spring shield above the air spring with the inner edge 1/8 to 1/4 inch inward of the inside edge of the frame rail. Remove the paper backing from the adhesive strips and push the upper air spring shield onto the frame rail. Repeat the procedure with the second shield.  
(Same procedure for both sides).

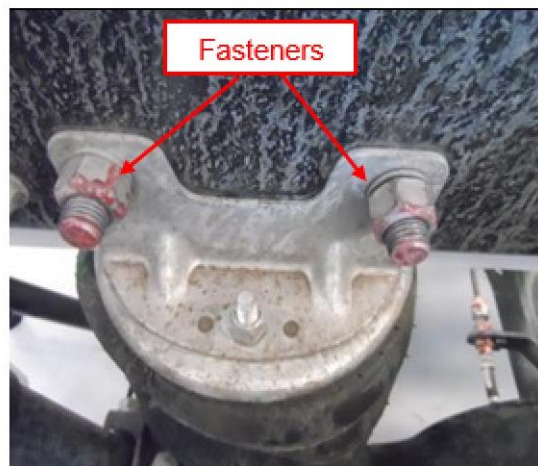
**NOTICE:** Double check the air spring shields are fully adhered to the frame rail before moving onto step 5.



5. Reinstall the fasteners removed in step 3 on both sides of the vehicle. Raise the axle as needed to fully seat the air springs up against the frame rail. Tighten the fasteners to the specified torque.

**Specified Torque:** 249 lb-ft (337Nm)

**NOTICE:** Only one side is shown in the photo below.



6. Connect the air hose.  
(Use the same procedure for both sides).

**NOTICE:** Only one side is shown in the photo below.



7. Raise the rear of the vehicle and remove the jack stands from each frame rail. Then proceed with lowering the vehicle.

### ***FINAL INSPECTION:***

1. To complete this TSB review and confirm the following:
  - Both upper air spring shields are installed correctly.
  - Both air springs are fully seated against the frame and all bolts are tightened to the specified torque.
  - All air lines are intact and no air leaks are present

**Note:** This technical service bulletin is provided as technical information and is not authorization for a warrantable repair.

## ***CLAIM APPLICATION***

*Reimbursable in accordance within the terms and policies of the Hino limited warranties.*

### **Air Spring Shield Installation:**

Labor charge: 0.8 hour

Warranty code: 54519

Trouble code: 40

Operation code: 54550AOT

Original failed part: S48CUE0010

