

TOURRIDER

Perimeter Light - Condensation

Problem Description

- Condensation is forming inside the roof perimeter lighting.

Root Cause

- This happens when the condensation-relieving membrane on the back of the light is blocked or missing.
- Cause #1: Detached Membrane: During maintenance, the membrane can stick to the body and detach from the light when it is removed. (Figure 1)



Figure 1: Example of excessive sealant that can block the membrane.

- Cause #2: Excessive Sealant: Too much Sika sealant applied between the metal guard and the coach body can block the membrane. (Figure 2)



Figure 2: Incorrect Installation. The vents for the condensation membrane are blocked by excess sealant.

Proper Sealant Application

When installing a new metal light guard, proper application of Sika sealant is critical to prevent blockage.



Figure 3: Note the clear, unobstructed membrane area.

- Apply sealant ONLY to the top and sides of the bracket that will contact the coach body. (Figure 4)

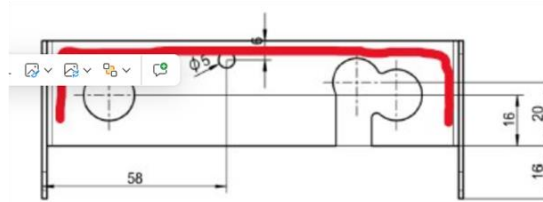


Figure 4: Correct Sealant Application Area. Apply sealant only along the top and sides of the bracket as shown in red.

- Use only enough sealant to create a good seal.
- After placing the bracket, immediately clean any excess sealant that may have squeezed out near the membrane area.

DAIMLER TRUCK

Daimler Buses

Important Hardware Notice: using the correct screws

- The mounting screws shipped with replacement perimeter lights have been identified as being too short.
- ALWAYS reuse the original, longer screws when replacing a light.
- If original screws are unavailable, new screws can be ordered using part number **A.013.990.33.04**



Figure 5: Correct vs. Incorrect Hardware. The correct, longer screw (left) must be used. The shorter screw shipped with replacement lights (right) is incorrect.