

# P-026



## Police Modifier Bulletin

### SVE BULLETIN

**SPECIAL VEHICLE ENGINEERING – BODY BUILDERS ADVISORY SERVICE**

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### **2013MY and beyond Utility Police Interceptor Vehicle Modifications and Sealing**

#### **Models Affected**

2013MY and beyond Utility Interceptors

#### **Purpose**

Aftermarket upfit modification of some 2013MY and beyond Utility Police Interceptor vehicles has resulted in openings that allow external air and its contents to enter vehicles that have not been sealed to original design intent.

This bulletin provides some typical examples of openings in some areas that were not properly sealed and allowed external air and its contents to enter the cargo area of the Utility Police Interceptor. Proper care and due diligence must be used on all openings at any location on the vehicle from the dash panel to the rear of the vehicle.

***Any and all holes created which are exposed directly or indirectly to outside air MUST BE completely sealed using Motorcraft Seam Sealer (TA-2-B).***

## Vehicle Modification Sealing (continued)

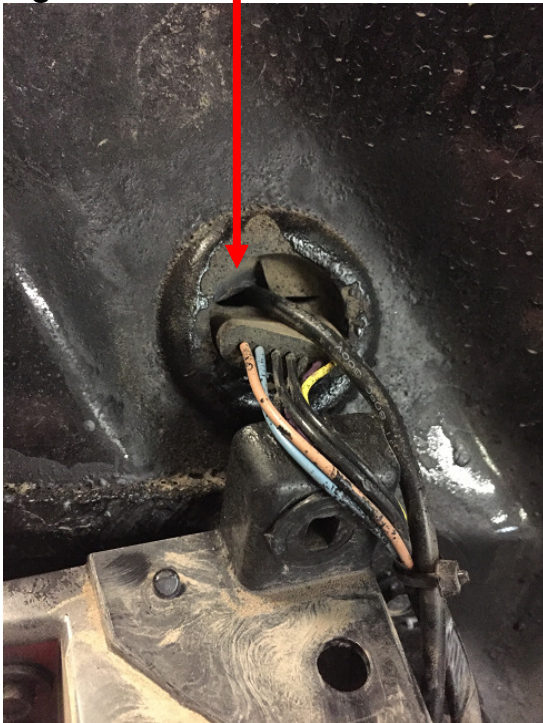
Some examples are shown in following:

### Tail lamps

- Any holes in the rear of the vehicle must be sealed
- Wiring pass-throughs, through sheet metal and/or existing grommets behind the passenger side and driver side tail lamps must be fully sealed using Motorcraft Seam Sealer (TA-2-B)

### Passenger Side Tail Lamp not properly sealed

Figure 1



### Grommet not properly sealed

Figure 2

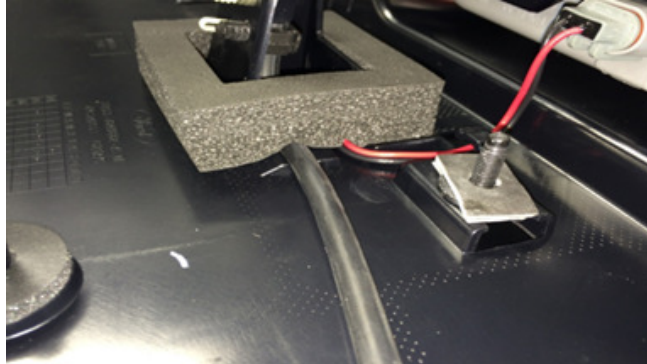


## Vehicle Modification Sealing (continued)

### Rear Spoiler Removal/Reinstallation

- Removal of the rear spoiler requires thorough sealing upon reinstallation.
- Inspect the foam tower seal and ensure that the wiring and washer line are properly routed and are not comprising the sealing interface (see Figure 3).
- Repair and/or re-seal as necessary using Motorcraft Seam Sealer (TA-2-B).

**Figure 3**



- Replace any damaged plastic retainer clips with close attention to the foam gaskets.
- Repair any deformed sheet metal to ensure a good seal.

**Figure 4**

**CORRECT**



**INCORRECT**

## Vehicle Modification Sealing (continued)

### Lift Gate Openings/Holes

- Any holes in the lift gate must be sealed with Motorcraft Seam Sealer (TA-2-B).

**Figure 5**



**Figure 6**



### Lift Gate Bulb Seal

- If the lift gate bulb seal is damaged, or is removed for any reason, it should be replaced and properly seated.

### Underbody

- Any holes in the body must be sealed with Motorcraft Seam Sealer (TA-2-B).
- Any damaged parts must be replaced. Following are some examples:
  - spare tire tub
  - auxiliary A/C pass-through
  - air extractors (replace if damaged)
  - wiring grommets
  - body plugs
  - floor pan

### Dash Panel

- Any seals and/or holes in the dash panel must be replaced and/or properly sealed using Motorcraft Seam Sealer (TA-2-B).

## **Vehicle Modification Sealing (continued)**

### **Sealing Option for Body Openings/Pass-Through Points**

- Pass-throughs or other openings of similar size should be sealed using the recommended foil-backed mastic patch.
- Foil-backed mastic patch should be used to cover and seal body openings.
- Part number for foil-backed mastic patch:
- Following are service part numbers for two different size foil-backed mastic patches:
  - 4L3Z18203A16AA; size of patch – 1.5 x 147 x 330mm
  - DA5Z65203A16A; size of patch – 1.5 x 100 x 300mm

**If you have any questions, please contact the Ford Truck Body Builders Advisory Service as shown in the header of this bulletin.**