

## eP4/eM2 Compressor Discharge Line Freeze-Up

Service Bulletin TSB-13-007-FTL

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### Problem Details:

- Air compressor stops building air due to ice blockage at discharge line overflow valve.
- When discharge line becomes blocked, air compressor relieves pressure through relief valve on housing and sprays compressor oil
- Occurs in high-humidity near (+/-) freezing environmental conditions

### Affected Models / Truck options:

- Affected vehicles: all eCascadias & eM2

### Responsible Supplier:

- Bendix / DTNA



### Production Containment:

- None

No  Yes

### Field Containment (short term):

- None

No  Yes

### Root Cause:

- Moisture accumulates in spring chamber of overflow valve, then freezes, disabling valve
- Original theory was ice blockage in the air stream but this has been proven untrue

No  Yes

### Long Term Corrective Action Plan:

- Splash cover will be added in production mid-2025

No  Yes

### Long Term Field Plan:

- Service Bulletin TSB-13-007-FTL with instructions for thawing valve and installing insulation
- Service Bulletin will be revised when splash cover becomes available.

No  Yes

