



Technical Service Bulletin

Technical Service Bulletin: TSB240082

Released Date: 20-Jul-2026

Coolant Vent Line Issues on X15 Powered Generator Sets

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Warranty Statement

The information in this document has no effect on present warranty coverage or repair practices, nor does it authorize TRP or Campaign actions.

Contents

Product Affected

- DFEJ Spec P
- DFEK Spec P
- C500D6RE
- C1000D6RE

Issue

Symptom:

- Coolant leaks from the radiator vent hose, Part Number A063W539 and/or heater vent line, Part Number A063W538.

Root Cause:

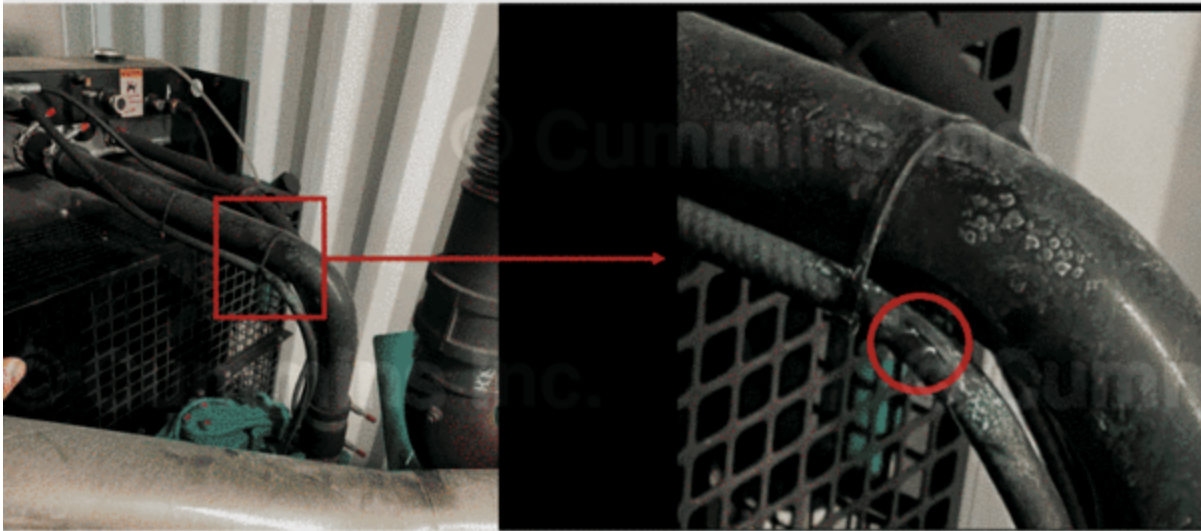
- Coolant vent hoses degrade from heat cycles and cracks near the cable ties

Verification/Confirmation

Inspect the coolant vent hoses for cracks (red circle in Figure 1 and Figure 2).

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Figure 1, Cracking Location on Radiator Vent Hose



17r02189

Figure 2, Cracking Location on Heater Vent Hose

Resolution

Replace lower hose to coolant heater, Part Number A063W538 with Part Number A078R654, and upper radiator hose Part Number A063W539 with Part Number A078R662.

Service Instructions

1. Lock Out Tag Out the unit
2. Drain the coolant.
3. Remove failed radiator vent hose, Part Number A063W539.
4. Remove failed heater vent hose, Part Number A063W538.
5. Apply pipe sealant, Permatex High Temperature Thread Sealant #59235 or equivalent to 'End B' of the heater vent hose.
6. Install new coolant heater vent hose, Part Number A078R654.
7. Install new radiator vent hose, Part Number A078R662.
8. Refill coolant
9. Remove Lock Out Tag Out from the unit.

Service Parts Availability

Service parts are available. See Table 1 for part numbers.

Table 1, Service Parts

Part Description	Existing Part Number	Obsolete	Superseded	New Part Number
Hose, Vent	A063W538	Yes	Yes	A078R654
Hose, Vent	A063W539	Yes	Yes	A078R662

Production Status

Implemented for production. See Table 2.

Table 2, Production Information

Product	GSN First	Build Date ¹	Plant
All Affected	J250500475	October, 2025	CPG- Fridley

¹Generator Set/Engine build date can be found on the Generator Set/engine dataplate.

Document History

Date	Details
2024-4-16	Module Created
2026-7-16	Non-Product Problem Solving (PPS)

Last Modified: 20-Jul-2026
