



Technical Service Bulletin

Technical Service Bulletin: TSB250166

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TRP #5818 C500D6RE Cooling Package Assembly Replacement

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Warranty Statement

The information in this document authorizes specific changes to the repair practice for failures covered under product warranty coverages.

Contents

Product Affected

- C500D6RE

Issue Summary

Symptom:

- Coolant leak from crack in radiator core

Root Cause:

- Over constrained radiator core

Verification

If a coolant leak is observed from the radiator core, on C500D6RE generator sets built after July 1st 2021, proceed to the resolution section.

Note: This TRP **only** covers radiator core failures on cooling package, part numbers A068H458, A076T598 or A077Y449. See Figure 1 for part number location on side of cooling package frame.

Radiator core failures on cooling package part number A063P162, A079J255 and A079N739 are **not** covered in the TRP. See Figure 2 for part number location on upper tank by upper radiator hose for Part Number A063P162.



Figure 1, A068H458, A076T598, A077Y449, A079J255 and A079N739 Part Number Location



Figure 2, A063P162 Part Number Location, Not Covered in the TRP

Resolution

For units experiencing radiator core failure, a revised bar and plate service cooling package assembly (Radiator), Part Number, A079N739 and Mounting Conversion Kit, Part Number, A079G753 have been released.

Note: A revised exhaust bellow kit has also been released. If the unit experiencing radiator failure has the old-style bellow pictured below in right of Figure 3, the revised bellow kit, should also be ordered and replaced at the time of radiator package replacement. See Service Parts Availability section for part ordering information.



Figure 3, Old-Style Failed Bellow

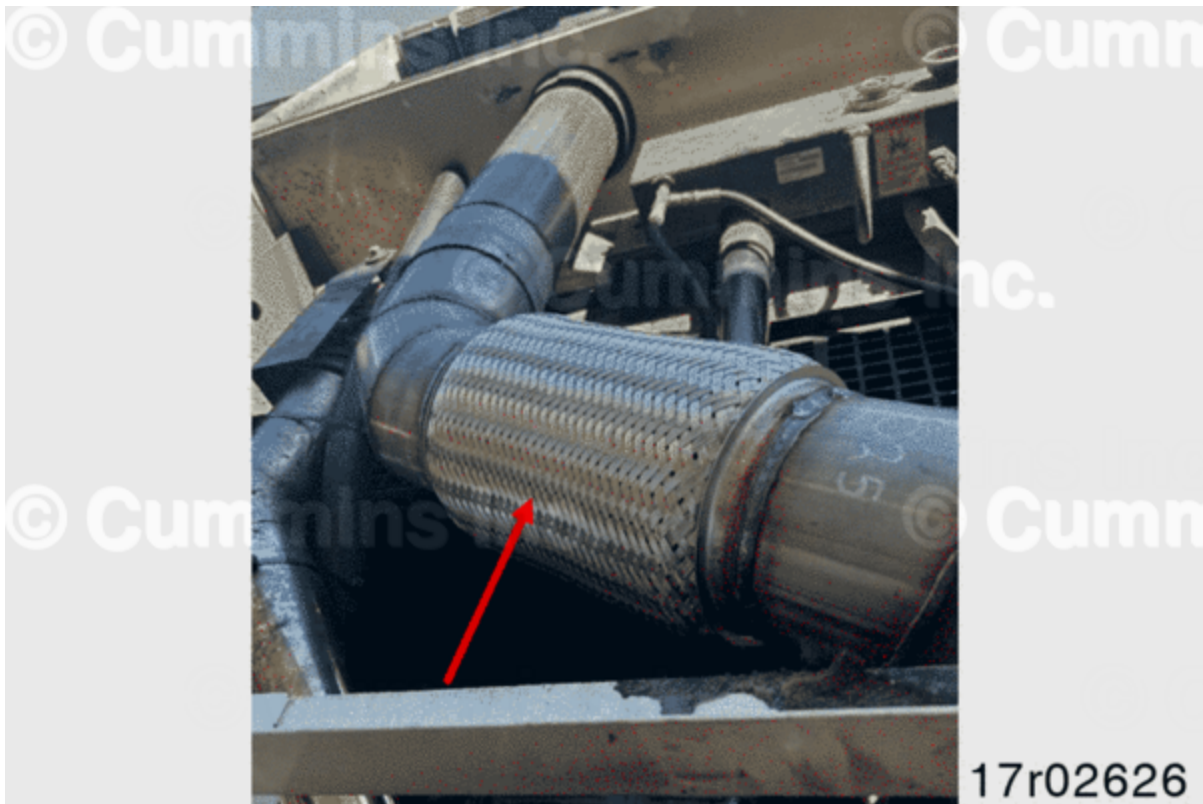


Figure 4, Revised Exhaust Bellow

Service Instructions

For cooling package remove and install procedure, Refer to TSB250073 on QuickServe Online.

Warranty Claim Filing Instructions

Note: Proactive replacement will **not** be covered. TRP covers **only** fix as fail for units up to 5 years old and 9,000 hours, whichever comes first.

Coolant should be collected and reused where possible. Top off replacement coolant can be claimed under other claimables as outlined in the Consumables section 502-009 of the Warranty Administration Manual, 4021290.

Fail Code: OARHLW

Account Code: 65

Authorization Code: 5818

Expiration Date: 31 December, 2030

Optional SRTs:

- 00-90F: Technician Admin Time - 0.2 hours
- 50-401: Steam Clean - 0.4 hours

- 08-1TL: Cooling Pack - R & I (C500D6RE) - 38.3 hours
- 99-901: Cooling Pack Upfit - Qty of 5 (5 hours)
- 99-008: Basin Drain - 0.3 hours

Service Parts Availability

Note : Aftermarket team has worked to stabilize service inventory, and requests that part orders for Service Radiator, Part Number A079N739 are placed as stock order **only**. Ordering this item as “Customer Down” will cause increased complexity in logistical movement.

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

Table 1, Service Parts

Part Description	Existing Part Number	Obsolete	Superseded	New Part Number
Radiator Package	A068H458, A077Y449	N	N	A079N739
Mounting Kit	A078L782			A079G753
Exhaust Bellow*				Order from Girtz

*Exhaust bellow kit is to be ordered from Girtz Industries. Refer to TSB220216 for related part numbers and ordering process.

Document History

Date	Details
2025-8-28	Module Created
2025-9-18	Non-Product Problem Solving (PPS)
2026-2-26	Non-Product Problem Solving (PPS)
2026-5-29	Non-Product Problem Solving (PPS)

Last Modified: 02-Jun-2026
