

# Preview Solution CBR-2411-1

## One-Box SCR Weld Leaks

Published 23 October 2024

### Valid For

Mack Chassis - AN,GR,GU,CHU,CXU,PI

Volvo Chassis - VN,VAH,VHD

Model Years - 2024 to current

Technicians have reported instances of white powder accumulation at the bottom of the One Box system during PDI. This CBR solution outlines the procedure for properly diagnosing whether the powder indicates a genuine leak or if it is a normal condition, preventing unnecessary repairs.

### Issue

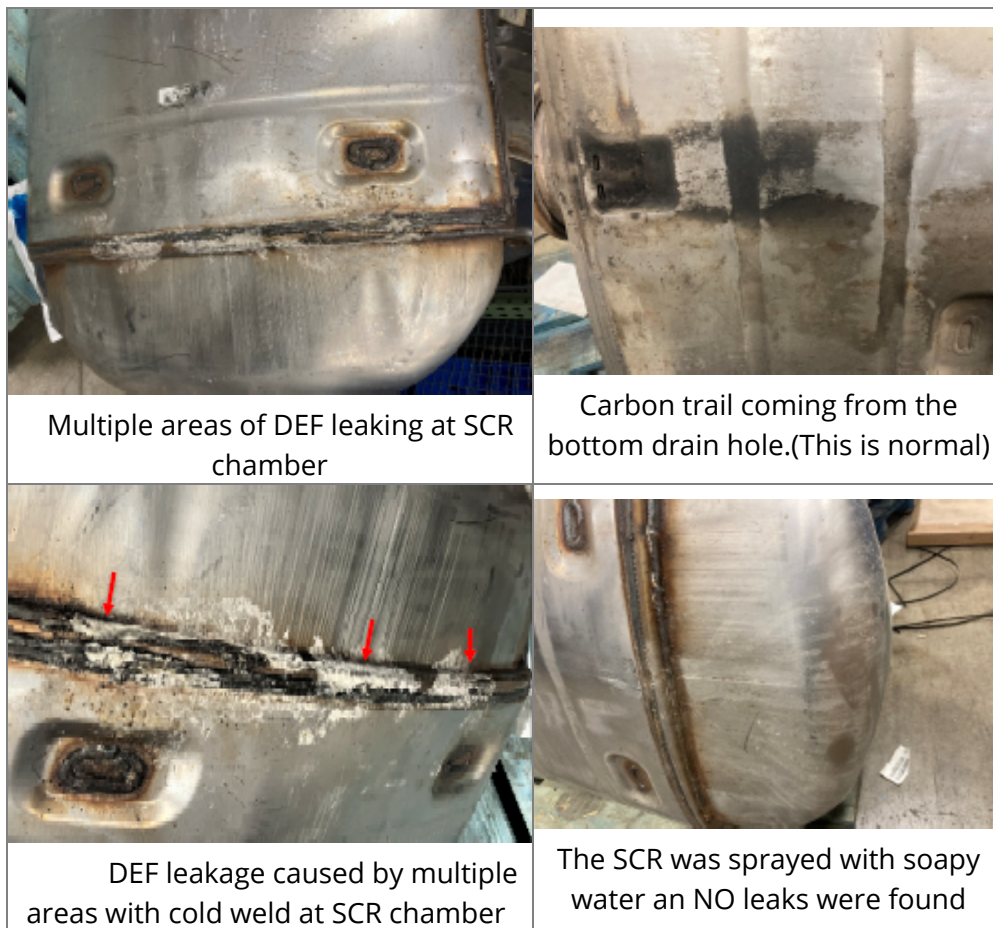
During PDI, some technicians are identifying white powder on or near the One Box system and mistakenly assuming a leak or fault. This can lead to over-repair of trucks that are otherwise ready for service.

### Initial Inspection

During PDI, if white powder is noticed at the bottom of the One Box, technicians must proceed as follows:

- Compare the observed condition with reference pictures that distinguish between normal conditions and actual leaks.

Leak	No Leak
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### Determine the Condition

- **If the white powder is consistent with normal appearance** as shown in the reference images:
  - No further action is required regarding the powder.
  - Release the truck for service after completing the rest of the PDI.
- **If the white powder is indicative of a leak** based on the reference images:
  - Proceed with documenting the issue by starting an **eService case**.
  - Follow all appropriate diagnostic and repair procedures outlined in the service manual.

### Documenting a Leak

- If a leak is confirmed, open an eService case, providing detailed information:
  - Photos of the affected area.
  - Description of the observed condition.
  - Steps taken to diagnose and verify the leak.

### Important Notes

- **White Powder Buildup:** White powder may naturally form due to environmental factors and is not always indicative of a malfunction. Accurate diagnosis is crucial to avoid unnecessary downtime and over-repair.

## Related links and attachments

No links or attachments available



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