

Charge Plug Port Retrofit

TSB-08-002-FTL

Creation Date: 2025-09-29

Engine or Vehicle Affected:

► eCascadia

This is an informational bulletin only. The described condition is a product improvement and is not warrantable.

Described Condition

On eCascadia vehicles, if the charge port doors are not closed and fully latched before the charge port cover is closed, the charge port doors or carrier assembly may be damaged. Follow the procedure below to replace the doors with a plug to stop this damage from occurring.

Parts

Table 1, Parts Table

| Part Number | Part Description | Quantity |
|---------------------------|--------------------------------|------------------------------------|
| A66-38981-000 | Plug Inlet Assembly - CCS1 | 1 for single port, 2 for dual port |
| 66-21231-002 ¹ | CCS1 CHRG PRT Carrier, no flap | 1 for single port, 2 for dual port |

1. only needed if the carrier on the vehicle is broken

Table 1, Parts Table

Procedure

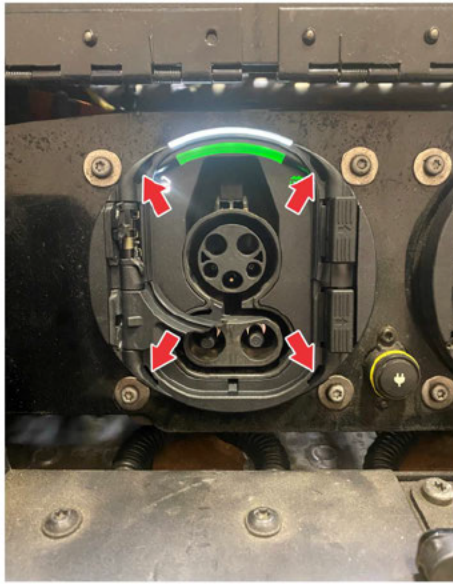
⚠ Danger: Service and repair of the electric vehicle should only be performed by technicians that have completed HV2 or HV3 Daimler Safety Training. Decommissioning and commissioning of the high-voltage (HV) system should only be performed by technicians that have completed HV3 Daimler Safety training. To prevent personal injury or death, or damage to the electric system, do not attempt repairs yourself.

1. Park the vehicle on a level surface, place the vehicle in neutral, shut down the vehicle, and set the parking brake. Chock the tires.

🔧 Note: For vehicles with dual-port charging, perform the following steps for both charge ports.

2. Open the charge port cover.

3. Remove the charge port carrier assembly by detaching the four clips in each corner of the carrier assembly. See Fig. 1.



04/01/2025

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Fig. 1, Charge Port Carrier Assembly Clips

4. Inspect the carrier assembly for damage. If the carrier is damaged, go to step 6 and install a new carrier.

5. Remove the doors from the carrier assembly by pushing the door hinge pin out of the carrier. See Fig. 2 and Fig. 3.



04/01/2025

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Fig. 2, Door Hinge Pin Removal, Rear Side



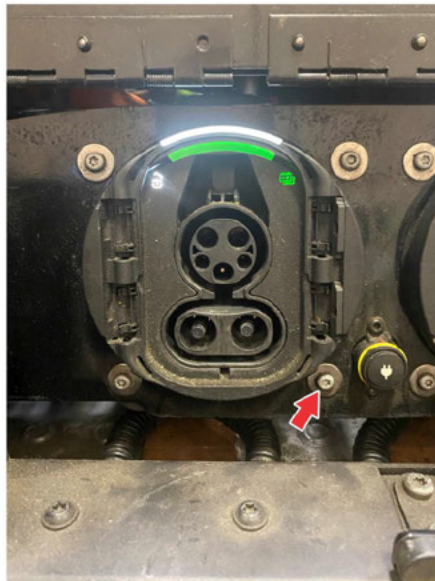
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Fig. 3, Pulling Out the Door Hinge Pin

6. Install the carrier on the charge port and ensure each corner clip is fully seated.

7. Remove the lower right-hand charge port mounting fastener. See Fig. 4.



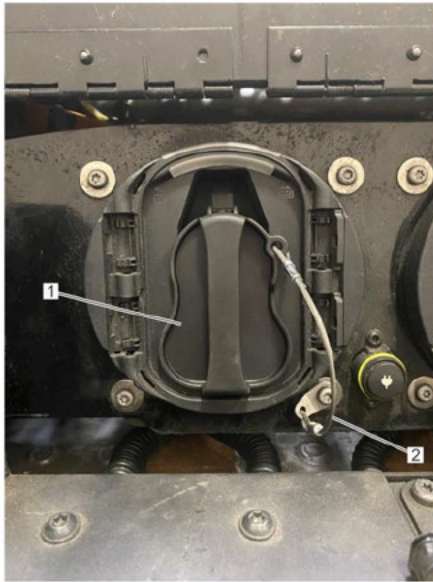
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Fig. 4, Lower Right-Hand Charge Port Mounting Fastener

8. Install the charge port plug.

9. Attach the retention cable to the lower right-hand mounting fastener and install the fastener. Tighten the charge port mounting fastener 35 lbf-in (400 N-cm). See Fig. 5.



04/01/2025

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1. Charge Port Plug

2. Retention Cable

Fig. 5, New Charge Port Plug with the Retention Cable Installed

10. Close the charge port cover.

Warranty.

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Note:

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INSPECT

REMOVE

INSTALL

REPLACE

038-002-014

Document Number: 0000156980

Topic Publication Date: 2025-09-29