

## CAMPAIGN DOCUMENT

# Vehicle blowing hot air intermittently through the vents when cold air is expected.

CAMPAIGN NUMBER  
**IATSB004512**CAMPAIGN TYPE  
**Technical Service Bulletin**AUTHORED DATE  
**2026-08-19**LABOUR TIME  
**See breakdown**

Labour time figures include a ×1.35 markup on base DBA code minutes.

## AFFECTED VIN RANGE

PF00001 – PF009914, RF004651 – RF023496,  
SF000001 – SF030942

## AFFECTED VEHICLES

Grenadier

## REASON FOR DOCUMENT

**ISSUE**

The HVAC is only providing hot air through the vents when cold air has been selected.

**CAUSE**

The water valve actuator of the HVAC Box is not referencing correctly.

**ACTION**

- Check the High Temperature (HT) and Low Temperature (LT) coolant levels.
- Confirm that both coolant levels are within the specified operating range when vehicle has cool down. Do not check the levels when the vehicle is hot.
- If the coolant levels are correct, proceed with the procedure.
- If either coolant level is low, carry out the following checks before proceeding:
  - Inspect the radiator for signs of coolant leakage.
  - Inspect the expansion tanks for cracks or damage.
  - Check the expansion tank cap and confirm that it maintains the specified system pressure. A faulty cap may result in coolant loss.
- Inspect the cylinder head water outlet (diesel engines only) for signs of coolant leakage.
- Perform a coolant system pressure test, if required, to identify any leaks.

Correct any faults found and restore the coolant level to the specified range before continuing with the procedure.

## PARTS LIST

| PART NO.        | DESCRIPTION                              | QTY |
|-----------------|------------------------------------------|-----|
| GRA-9L33-060570 | MY23 with Seat Heating                   | 1   |
| GRA-9L33-060580 | MY23 without Seat Heating                | 1   |
| GRA-9L33-060590 | MY24.1 - MY25.2 CCU with Seat Heating    | 1   |
| GRA-9L33-060600 | MY24.1 - MY25.2 CCU without Seat Heating | 1   |
| GRA-9L33-051980 | CCU - Belstaff Edition                   | 1   |

## PROCEDURES

|                                                       |         |
|-------------------------------------------------------|---------|
| Check Ground Points                                   | 0.3 hrs |
| Replace the Climate Control Unit (CCU)                | 1.2 hrs |
| Replace the PDB (Power Distribution Board) of the CCU | 1.5 hrs |

For Warranty claims, claim the applicable SRO.

|                                                                                               |         |
|-----------------------------------------------------------------------------------------------|---------|
| Replace the Climate Control Unit (CCU) · SRO X0000001448                                      | 1.2 hrs |
| Check Ground Points + Replace the Climate Control Unit (CCU) · SRO XTSBCGPRCCU                | 1.5 hrs |
| Check Ground Points + Replace the PDB (Power Distribution Board) of the CCU · SRO XTSBCGPRPDB | 1.8 hrs |

### Check Ground Points 0.3 hrs

#### CAUTION

CCUs are in short supply. A PWA approval is required before you submit a warranty claim. Technical tickets are not required. Follow the procedure below to correct the concern. Do not keep these parts in stock. Order these parts only to correct a reported customer concern.

#### NOTE

- The procedure contains illustrations showing certain components removed to provide extra clarity.

## INSPECTION

**1****NOTE**

If the ground points have already been cleaned, proceed to the next procedure - Replace the CCU.

Open the passenger door

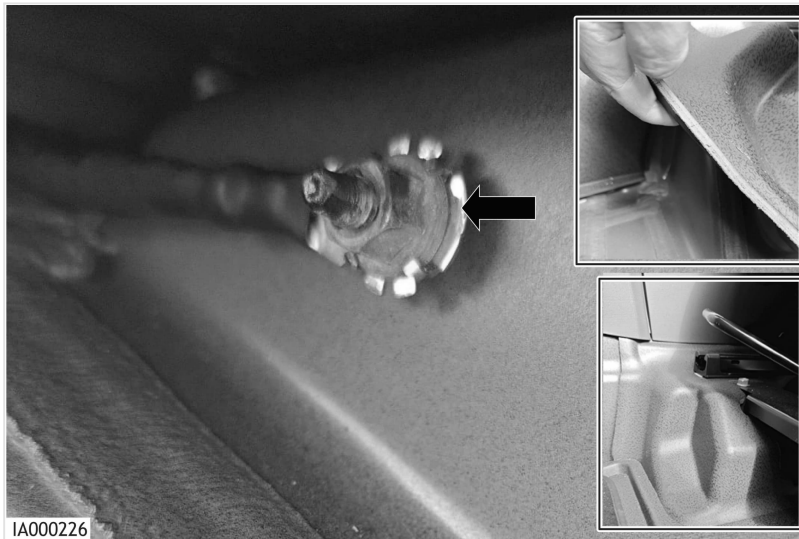
**2**

- Remove the fixing.
- Remove the floor mat.



**3**

- Reposition the floor away from the ground point.
- Clean the ground point.

**4**

- Reposition the floor into the correct location.

**5**

- Install the floor mat.
- Install the fixing.

**6**

- Close the passenger door.

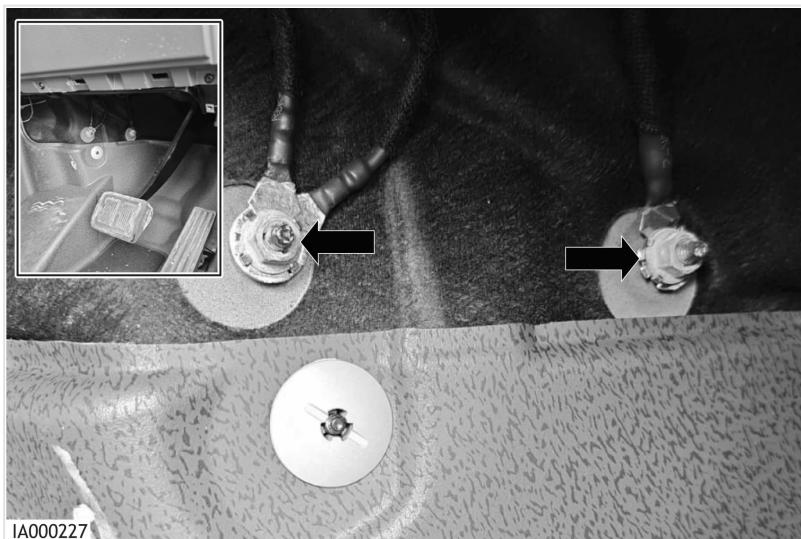
**7**

- Open the drivers door.

**8****NOTE**

Image shows a Right Hand Drive (RHD) vehicle, Left Hand Drive (LHD) vehicle are similar.

Clean both ground points.

**9****NOTE**

If the CCU for the Belstaff edition is not available to order proceed to the procedure - Replace the PDB (Power Distribution Board) of the CCU

If a new CCU with the correct vehicle edition is available to order, proceed to the procedure - Replace the CCU

**Replace the Climate Control Unit (CCU)****1.2 hrs****REMOVAL AND INSTALLATION**

**1****CAUTION**

When disconnecting the electrical connector from the CCU, take extra care as any excessive force will damage the connector.

Remove the CCU.

**SEE ALSO**

- *Climate Control Unit (Remove for Access and Install) TOPIC\_0000001448*

**2**

Install the new CCU.

**PARTS**

- GRA-9L33-060570 — MY23 with Seat Heating ×1
- GRA-9L33-060580 — MY23 without Seat Heating ×1
- GRA-9L33-060590 — MY24.1 - MY25.2 CCU with Seat Heating ×1
- GRA-9L33-060600 — MY24.1 - MY25.2 CCU without Seat Heating ×1
- GRA-9L33-051980 — CCU - Belstaff Edition ×1

**SEE ALSO**

- *Climate Control Unit (Remove for Access and Install) TOPIC\_0000001448*

**3**

Release the vehicle

**Replace the PDB (Power Distribution Board) of the CCU****1.5 hrs**

**1****CAUTION**

When disconnecting the electrical connector from the CCU, take extra care as any excessive force will damage the connector.

**NOTE**

The CCU ordered will be for the standard vehicle.

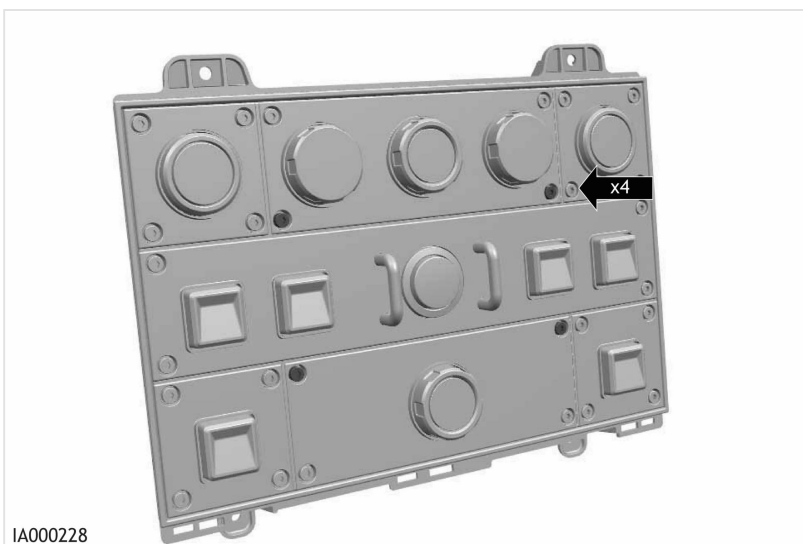
Remove the CCU.

**SEE ALSO**

- *Climate Control Unit (Remove for Access and Install) TOPIC\_0000001448*

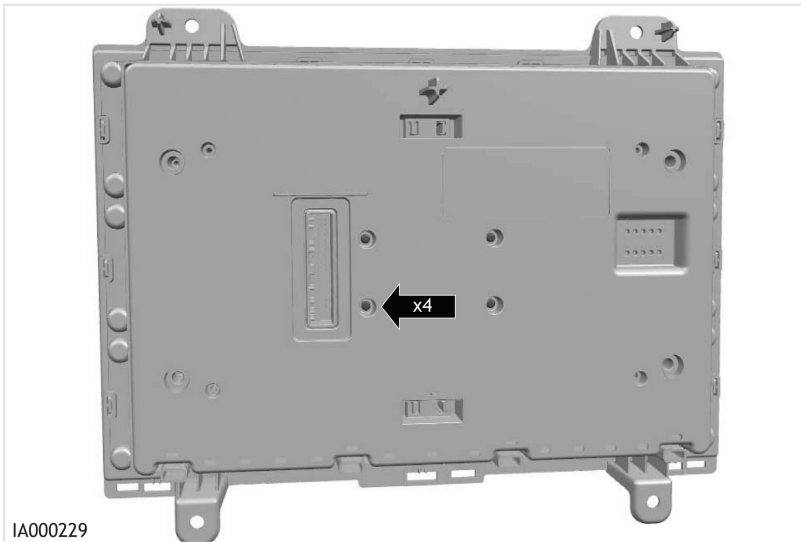
**2**

Remove the 4 fixings from the front of the CCU.



**3**

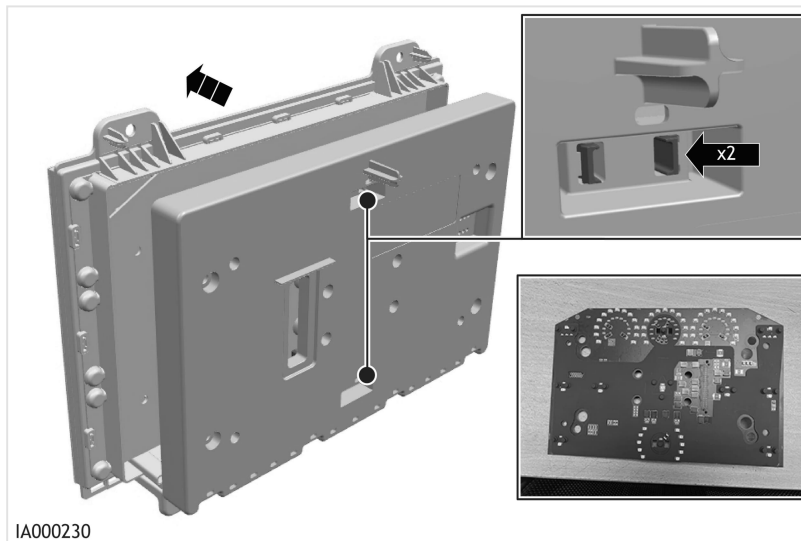
Remove the 4 fixings from the rear of the CCU.



**4****CAUTION**

- Open the CCU with the top side facing up. Do not open the CCU in any other position. Opening the CCU in another position can damage the fascia plate.
- Do not contaminate the PDB, this components must be kept clean and free of grease and liquids at all times.

- Using a suitable tool, release the 2 clips.
- Open the CCU
- Remove the PDB from the CCU.

**5****NOTE**

When the PDB is removed from the new CCU, the new CCU can be discarded.

Repeat steps 2 to 5 on the new CCU.

**PARTS**

- GRA-9L33-060570 — MY23 with Seat Heating ×1
- GRA-9L33-060580 — MY23 without Seat Heating ×1
- GRA-9L33-060590 — MY24.1 - MY25.2 CCU with Seat Heating ×1
- GRA-9L33-060600 — MY24.1 - MY25.2 CCU without Seat Heating ×1

**6**

- Install the new PDB into the CCU that was removed from the vehicle.
- Close the CCU.

**7****CAUTION**

Do not overtighten the fixings. Overtightening the fixings could cause damage to the component.

Install and tighten the 4 fixings at the rear of the CCU.

Torque: 1.5Nm

**8****CAUTION**

Do not overtighten the fixings. Overtightening the fixings could cause damage to the component.

Install and tighten the 4 fixings at the front of the CCU.

Torque: 1.5Nm

**9**

Install the CCU.

**SEE ALSO**

- *Climate Control Unit (Remove for Access and Install) TOPIC\_0000001448*

**10**

Complete functional test on the CCU.

**11**

Release the vehicle

CHANGE LOG

| VERSION      | RELEASED   | NOTE |
|--------------|------------|------|
| v4 (current) | 28/08/2026 | —    |
| v3           | 18/08/2026 | —    |
| v2           | 14/08/2026 | —    |
| v1           | 10/08/2026 | —    |