



SERVICE BULLETIN No.1142

Circulate to listed addressees

COACH MODEL	: C2045
BULLETIN TYPE	: Product Improvement
MANUAL & SECTION	: Maintenance Manual: Chapter 10 – HVAC System Spare Parts Manual: N/A
PARTS BOOK REVISION	: No
DATE	: May 28, 2004
SUBJECT	: Front unit – folding air filter
TERMS & CONDITIONS	: No claims will be accepted with reference to this Bulletin.

APPLICATION:

The new driver's front unit air filter has been cut into production as from the units shown below:

Model	Engine	VIN
C2045	Cummins	45458 → 45500, 46001 →
	Detroit Diesel	45930 → 45934, 45955 → 45963, 45965, 46531 →
	Caterpillar	47001 →

DESCRIPTION:

To facilitate periodical driver's front unit air filter service, the old one-piece model has been replaced in production by a two-piece hinged type. The new design allows the filter to be removed in its entirety from the vehicle, making it easier to either clean the filter gauze or to replace it.

Refer to the procedure in this Bulletin for cleaning/replacement instructions.

Service personnel: please read, initial and circulate.

Service Manager	Parts Manager	Warranty Administrator	Workshop Foreman	Service Technician

PARTS AND PRODUCTS:

New parts

Part No.	Description	Qty.
VH 10885293	Front unit air filter, folding	1
VH 10736678	Filter gauze, cut-to-fit	1

- Old and new parts are interchangeable, but only the new will be offered for service replacement.
- New parts may be purchased from your nearest ABC Customer Care & Parts Source dealership.
- Parts and products disposition: discard according to applicable environmental regulations.

PROCEDURE:

1. General:

- For your information only: the time required to replace the driver's front unit air filter is approximately 0.25 hours.
- There are no specific job requirements to change and/or clean the filter.

2. Special tools, equipment or services:

- No special tools, equipment or services are required.

3. Preparations:

- Park the coach on a level surface with the front wheels straight.
Apply the parking brake and shut down the engine.
- Switch off all systems and turn off the battery master switch.
- Put a "DO NOT OPERATE" tag on the instrument panel.
- Read the entire procedure before beginning to work.

CAUTION: Observe safe shop practices at all times.

4. To replace the driver's front unit air filter assembly:

- 1) Open the door giving access to the windshield washer tank and the driver's compartment HVAC unit (see Figure 1).



Figure 1: Access to driver's HVAC front unit

- 2) Locate the air filter assembly (Figure 2).

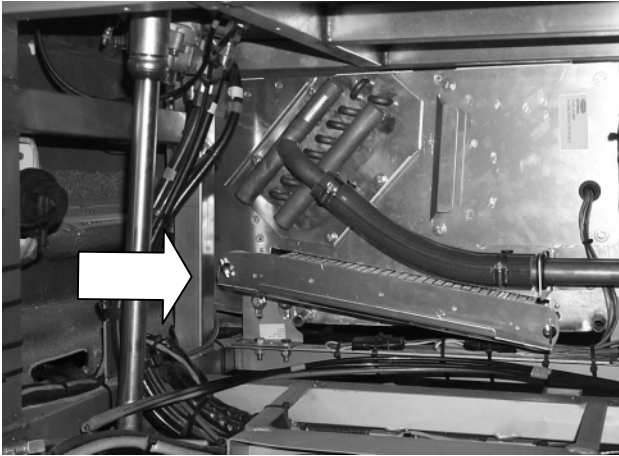


Figure 2: Front unit air filter assembly

- 3) Unlock the winged studs left and right (Figures 3 and 4).

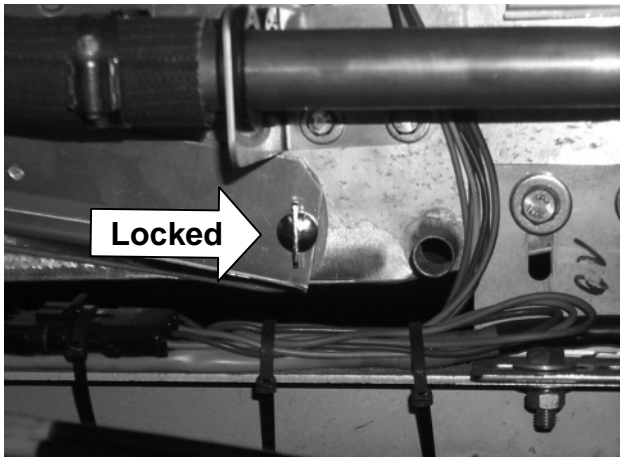


Figure 3: Front unit air filter assembly locked

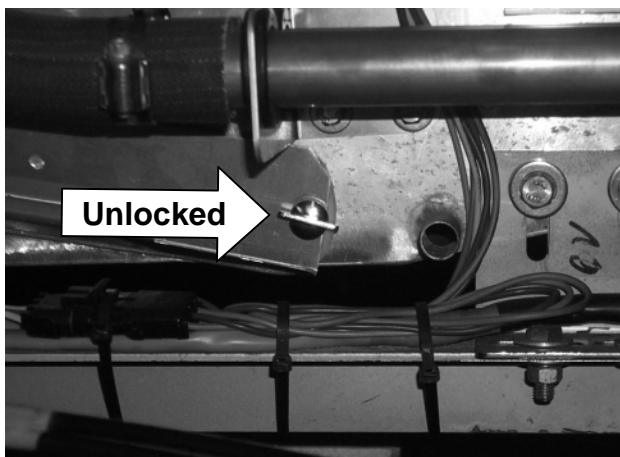


Figure 4: Front unit air filter assembly unlocked

- 4) Pull out the old filter assembly and remove it from the coach.

NOTE: To ease removal, the steering wheel fore-aft position may be adjusted.

- 5) Install the new filter with the filter hinge facing upwards (see Figure 5).

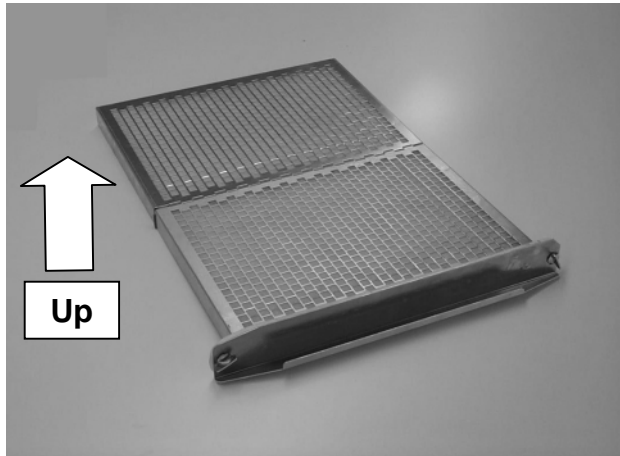


Figure 5: Filter hinge facing upwards

- 6) Lock the assembly in the front unit housing.
- 7) Close the access door.

5. To clean the filter gauze:

- 1) Remove the filter gauze from the frame.
- 2) Shake out excessive dirt and grit.
- 3) Wash in luke-warm water and if extremely dirty, use a mild laundry or dishwasher detergent.
- 4) Rinse with clean water and shake out excessive water. Do not wring or squeeze. Be sure gauze is completely dry before installing.
- 5) Reinstall gauze in filter frame.

6. To replace the driver's front unit air filter gauze:

- 1) Remove the filter assembly from the driver's front unit.
- 2) Fold the filter.
- 3) Slide-out the filter gauze back-up frames one by one (see Figure 6).

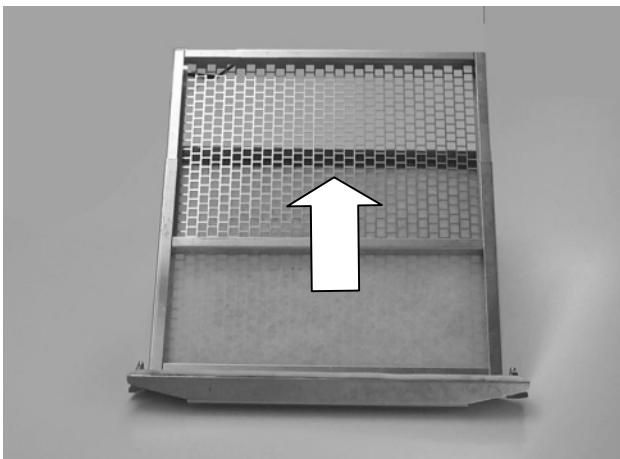


Figure 6: Filter gauze back-up frame

- 4) Remove the old gauze.
- 5) Cut new filter gauze to size.
- 6) Install the new gauze.
- 7) Reinsert the back-up frames.
- 8) Reinstall the filter assembly in the driver's front unit.

Procedure complete.

DISCLAIMER:

The procedures contained herein are not exclusive. Van Hool cannot possibly know, evaluate, or advise the transportation industry of all conceivable ways in which a procedure may be undertaken or of the possible consequences of each such procedure. Other procedures may be as good, or better, depending upon the particular circumstances involved.

Each carrier who uses the procedures herein must first satisfy itself thoroughly that neither the safety of its employees or agents, nor the safety or usefulness of any products, will be jeopardized by any procedure selected.

SERVICE INFORMATION:

Service Bulletins are issued to supplement or supersede information in the Van Hool manuals. Note Service Bulletin number, date and subject on the register at the end of the relevant chapter(s). File Service Bulletin separately for future reference.

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