



Mercedes-Benz

The best or nothing.

star bulletin



Date: March 2, 2012
Order No.: S-B-83.00/135
Group: 83

SUBJECT: MY-All, Models All
Mercedes-Benz HVAC-Foam Cleaner - Work Procedure

i NOTE:

This procedure is not approved for vehicles covered under warranty. Refer to LI83.00-P-051588 for details on which vehicles can be cleaned under warranty using "Mercedes-Benz Contra Sept disinfectant cleaner" (S-B-83.30/134). Additionally, the combination filter is a maintenance item and is not covered under warranty.

Procedure

1. Start the engine with the A/C ON, temperature set to coldest setting, inlet set for outside air (not recirculate) and blower set for high speed.

i Note:

The A/C must be run for at least 15 minutes to get condensation to build on the evaporator. This will adequately wet evaporator and promote the product's ability to clean.

2. Locate the evaporator core case and blower assembly by removing any covers below the instrument panel on the passenger's side that may cover the case.
3. Remove the cabin air filter and close off the empty filter cavity with the filter block off plate
 - For models where the filter block off plate is integrated with the filter media (as with model 204/212). Remove the filter media, leaving the bare block off plate, which can be reinstalled for the cleaning procedure (Figure 1).

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Figure 1.

4. On vehicles with an activated charcoal filter, remove these filters as well.
5. Drill a 3/16" hole in an accessible location between the evaporator core case & blower assembly, depending on your vehicle model. Use a drill stop set at the thickness of the case to prevent plunging into case too deep.

Warning! Follow the diagrams provided for a given vehicle model series, otherwise damage to the evaporator may occur. Diagrams can be found under Star Bulletins in a document entitled, "Evaporator Core Diagrams by Model" or [*click this hyperlink*](#).

Only drill through the case skin and gently probe inside with a dull instrument for any obstructions that the nozzle may encounter. If needed, use the supplied plug and find another spot to drill.

6. Shake the disinfectant product can and with the hose attached to the can push the nozzle into position & rotate so the pointer faces the evaporator core (Figure 2).
7. With the blower still on, start dispensing the foam in short bursts. As the case fills with foam, airflow will decrease from the vents. Pause for the blower to push the foam through the core. (If the fan starts to squeak, stop dispensing while the blower catches up). As airflow resumes, continue with short bursts of foam. If the system is overloaded by dispensing the foam too quickly, foam can escape from components under the dashboard.

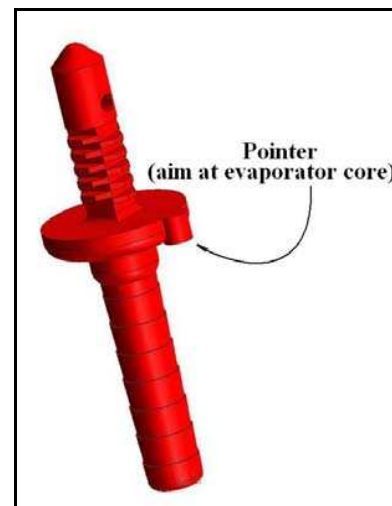


Figure 2.

i NOTE: Do not allow the foam to drip to any electronic components. Intercept any escaping foam with a towel.

To prevent possible staining, do not allow any foam to blow out of vents onto seating or other interior materials.

8. Continue with this application method until the can is empty then shut the system off completely.
9. After a minimum 10-minute wait, turn the blower on LOW to MEDIUM for 2 minutes to push excess foam out of the core.
10. Check that the drain is flowing freely under the vehicle. If there is no drainage, the drain is clogged. A clogged drain must be cleared. Condensation will rinse out any remaining cleaner residue and contaminants.
11. Reinstall new cabin filters and activated charcoal (if equipped).



NOTE: It is **required** that you replace the cabin filter after treatment. It is **recommended** that you replace the activated charcoal filters (if equipped).

Additional instructions for this procedure will be available via Learning & Performance:
VILT Course Code:X0001F-US.TTA (starting in second quarter 2012).

Parts Information

Qty.	Part Name	Part Number
1	Evaporator Core Cleaner	BQ1830001