



**Workshop  
Equipment**

# ***VAS 5234***

***Filling and Bleeding  
Device for  
Brake Systems***



**Upgraded in . . .**

**Simple Handling**

**Safety**

**Speed**

# Getting Started

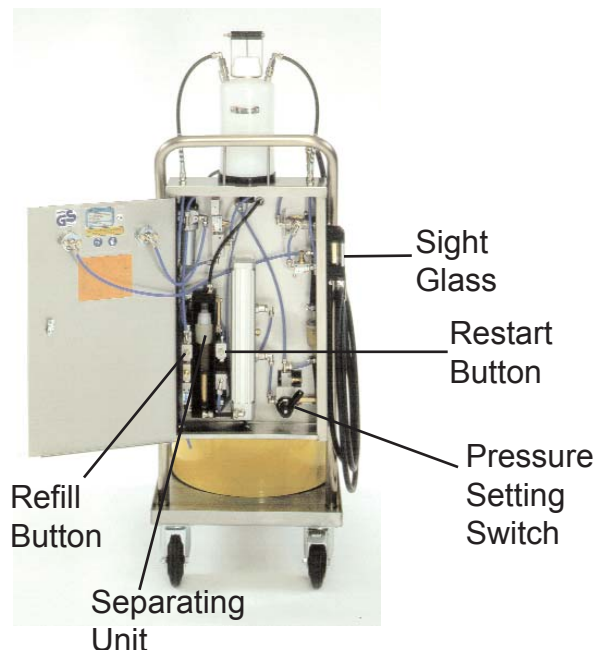
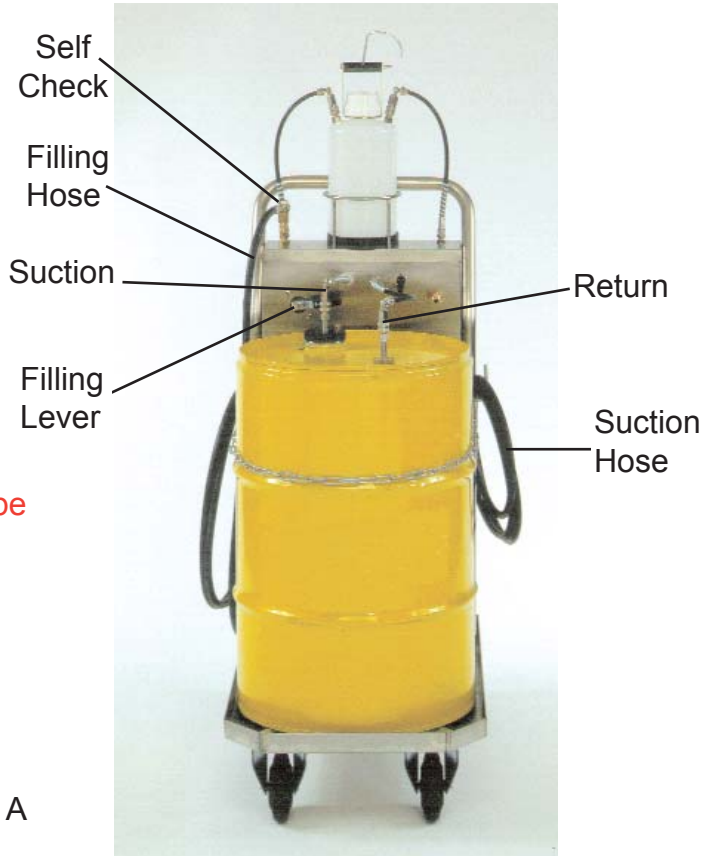
Place the brake fluid container on the trolley pan and secure it with the chain. Use only new brake fluid with the Part No. B 000 700 A7 or B 000 700 A8. Align the container so that the large cap faces the unit's panel.

1. Remove large screw cap of container.
2. Screw brake fluid extraction device hand-tight onto container.
3. Press suction pipe down to bottom.
4. Connect extraction hose to suction pipe.
5. Remove small screw cap of container.
6. Screw brake fluid return device hand-tight onto container.
7. Press return pipe down to bottom.
8. Connect return hose to return pipe.

**Note:** Make sure that the suction pipe and return pipe are clean and dry when changing containers.

9. Set filling lever in position "A"
10. Connect filling hose to connection marked "Self Check"
11. Connect unit to local compressed air system (a 1/4" NPSM fitting is provided on the unit). A signal sounds.
12. Open unit's panel
13. Press and hold "REFILL" button until float in glass tube of separating unit has reached position just below upper stop (signal stops).
14. Briefly press "RESTART" button and allow unit to operate until a bubble-free stream of brake fluid can be seen in outside sight glass. The unit is now ready for operation.

**Note:** The compressed air system in the workshop must be equipped with an oil-water separator.



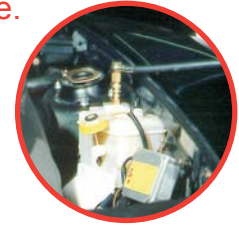
# Changing Brake Fluid

1. Set filling pressure to 1 or 2 bar. (Refer to AESIS or VESIS).
2. Switch on vacuum, open the nozzle (1/2 turn) of the suction hose and extract as much of the used brake fluid as possible from the reservoir of the vehicle. For vehicles with 2 openings on the brake fluid reservoir, open the cap on the brake fluid reservoir and the secondary extraction cap where two extraction tubes are located. Siphon fluid from these tubes.

**Note:** The screen should not be removed from the brake fluid reservoir of the vehicle.

3. Switch off vacuum and close the nozzle.
4. Screw filling adapter onto brake fluid reservoir of the vehicle.
5. Connect filling hose to filling adapter. Unit immediately feeds new brake fluid into drained brake fluid reservoir of vehicle. Reservoir is filled when "FLUID" pressure gauge has reached its nominal value of 1 bar or 2 bar.
6. Raise vehicle on lift.
7. Detach catch bottle from unit and connect to bleeding hose.
8. Follow AESIS or VESIS sequence for bleeding of wheels and valves.
9. Push rubber grommet of bleeder hose onto respective bleeder valve of vehicle.
10. Bleed brake system (according to AESIS or VESIS)
11. Replace catch bottle on unit for later disposal of used brake fluid.
12. To depressurize move filling lever to position "B" and wait until pressure on "FLUID" pressure gauge has dropped (approximately 15 sec.)
13. Disconnect filling hose from filling adapter and connect to "SELF CHECK" connection.
14. Unscrew filling adapter and close brake fluid reservoir of vehicle with original cap.
15. Set filling lever to position "A", the device will do "SELF CHECK" to make sure no air is in the system. After approximately. 30 sec. bubbles should no longer be seen in the outside sight glass.

**Note:** Disconnect the unit from the compressed air system when not in use.



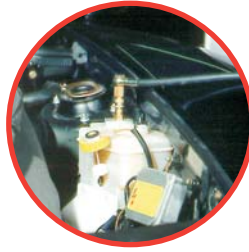
## Automatic Switch-Off

The device switches off automatically when the fluid container is empty and the signal sounds.

1. Close the open bleeder valve on the vehicle.
2. Install new container.
3. Open unit's panel.
4. Press and hold "REFILL" button until float in glass tube of separating unit has reached position just below upper stop (signal stops).
5. Briefly press "RESTART" button.
6. Allow unit to operate until no bubbles can be seen in the sight glass.
7. Open bleeder valve on the vehicle.
8. Continue bleeding brake system.



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