

Brake Fluid Flush

Part Number: 500-8200



OWNER'S MANUAL (English)

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TO BE OPERATED BY QUALIFIED PERSONNEL ONLY

Cautions



Warning: Before using the equipment, please read this manual carefully for proper operation.

- Work performed incorrectly can lead to injury or property damage!
- The brake maintenance device should only be operated by trained operators. Use by unauthorized operators is prohibited.
- Brake fluids are toxic and can lead to serious injury! Avoid all contact with brake fluid.
- Wear safety goggles to minimize the risk of injury from splashing.
- Wear suitable protective gloves to minimize the risk of injury caused by skin contact.
- In case of skin contact with brake fluid, wash off immediately with water.
- Remove contaminated clothing.
- Do not carry any rags or anything else that has been in contact with brake fluid in your clothes.
- Before any work is performed on the brake maintenance device, disconnect the power cord and plug.
- Only plug the brake maintenance device in, when the device is turned off.
- Do not make design changes to the brake maintenance device. Before each use, make sure to check the brake maintenance device, its hoses, cables, and connectors. If there is any damage, do not use the brake maintenance device. Repairs are to be carried out by a specialist. Never open the brake maintenance device.
- The brake maintenance device must not be damp and should not be operated in a humid environment.

Proper usage

The brake maintenance device is to be used exclusively for filling and draining brake fluid for brakes and clutches on motor vehicles. Any other use is considered beyond the device's intended purpose is prohibited.

Foreseeable misuse

- Operation with other liquids other than brake fluid can damage the brake maintenance device and is therefore prohibited.
- For misuse, the manufacturer is not liable for any damage. Any risk is carried solely by the user or operator.

Product Introduction

Operating principle

The system operates by using a pump to extract brake fluid from the new fluid reservoir and continuously pumping it into the vehicle's brake fluid container at a specified pressure. The old brake fluid is then systematically discharged from each car brake cylinder, following the sequence specified by the vehicle's original manufacturer, until the new brake fluid begins to flow. In comparison to traditional pressure-based brake fluid exchange machines, the BrakeVac system efficiently prevents the formation of air bubbles during the filling process and streamlines or eliminates the necessity for manual bleeding procedures. Any other use is considered beyond the intended purpose of the equipment and is prohibited.

Technical data

Power Supply	AC 110 $\pm$ 10%
Max. Power	35W
Flow Rate	2.6L/min
Working Pressure	1.5-2.0bar (Standard Mode)
	2.0-2.5bar (Fast Mode)
Filling Hose Length	3.5m

CPS Company Locations

CPS PRODUCTS, INC. U.S.A. (Headquarters)

3600 Enterprise Way, Miramar, Florida 33025, USA

Tel: 305.687.4121 / 1.800.277.3808, Fax: 305.687.3743

Email: info@cpsproducts.com

Website: www.cpsproducts.com

CPS PRODUCTS CANADA LTD.

1324 Blundell Road Mississauga, ON, L4Y 1M5

Tel: 905.615.8620 Fax: 905.615.9745

E-mail: info@cpsproducts.com

Website: www.cpsproducts.com

CPS PRODUCTS N.V.

Entrepotstraat 3, 9100 St-Niklaas, Belgium

Tel: +32 3 281 30 40

Email: info@cpsproducts.be

Website: www.cpsproducts.be

CPS AUSTRALIA PTY. LTD.

109 Welland Avenue, Welland, South Australia 5007

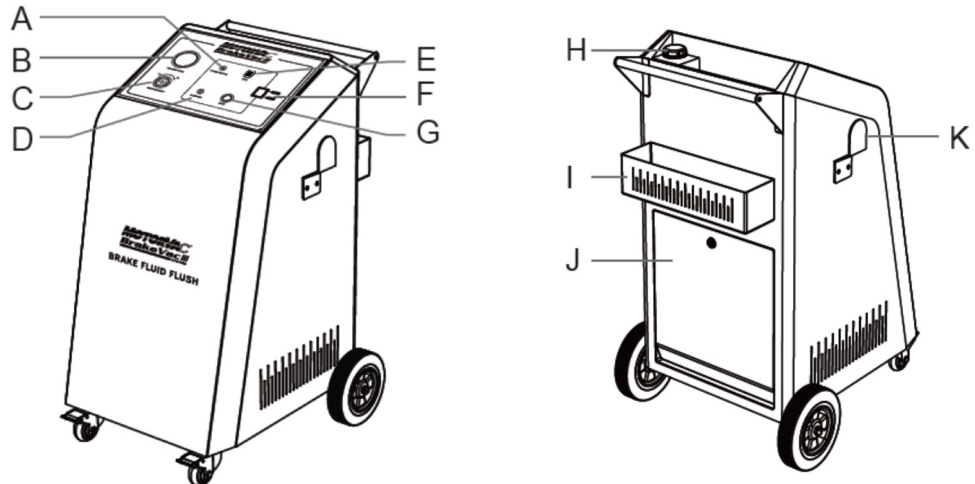
Tel: 61.8.8340.7055

E-mail: sales@cpsaustralia.com.au

Product Structure

Structure diagram

- A Power Source
- B Pressure Gauge
- C Pressure Adjust
- D In Service
- E Breaker
- F Switch-ON/Off
- G Start
- H Brake Fluid Filling Port
- I Tool Shelf
- J Toolbox
- K Brake Fluid Line Rack



Operating Instructions

Place the BrakeVac System on a flat and even surface. Make sure the output hose is not under any mechanical strain, such as when elevating the vehicle onto a lift.

Initial start / Device self-bleeding

The following outlines the initial process of preparing the system with new brake fluid, as well as the procedure for bleeding the brake fluid exchanger machine. Please note that bleeding is essential during the initial startup.

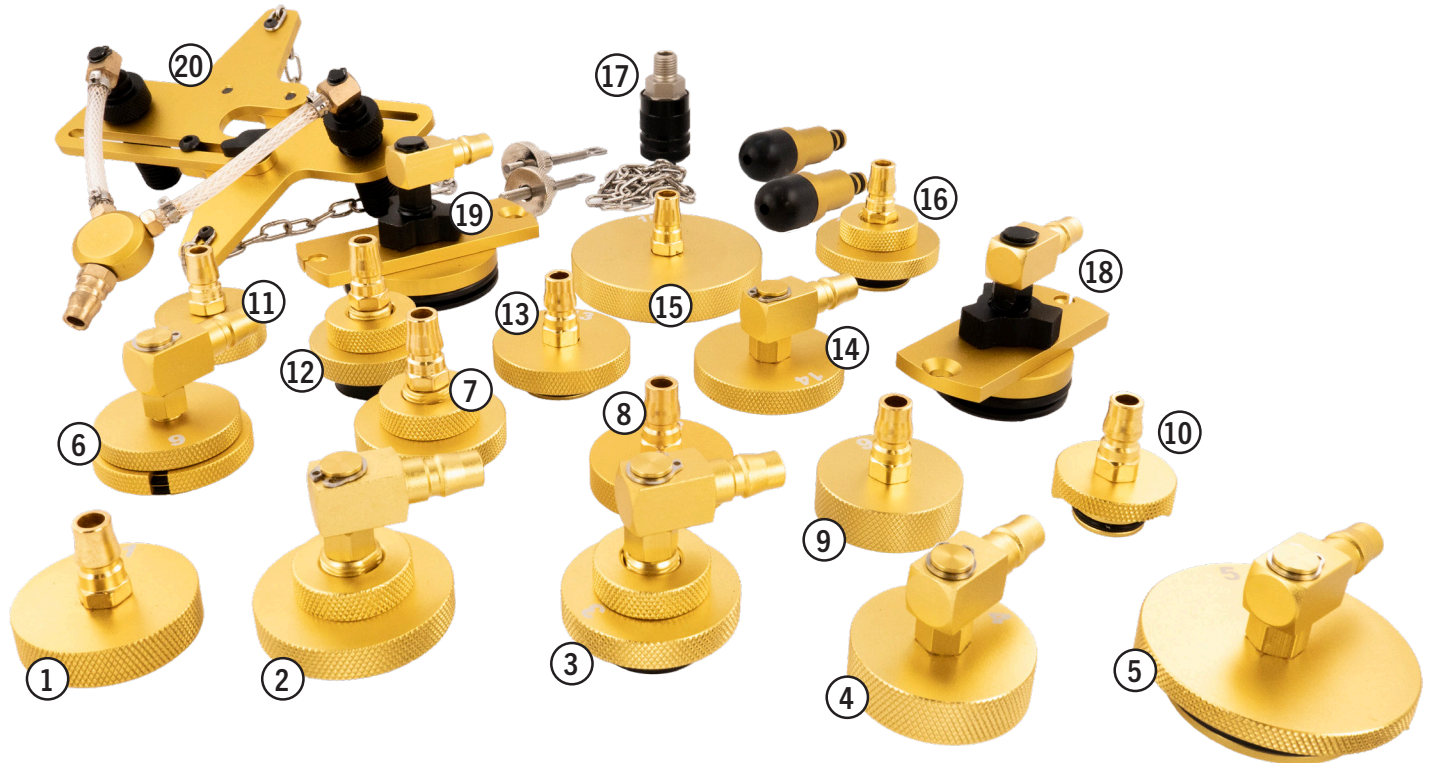
Place the BrakeVac system on a flat surface.

- Remove the cap of the new fluid bottle, add in the fresh brake fluid
- To bleed the BrakeVac system, avoid installing the adapter fitting on the vehicle; instead, connect it only to the output hose
- Power on the BrakeVac system and turn on the power switch
- Press and hold the “Start” button. Continue until brake fluid flows out of the output hose (collecting in a suitable container), indicating the completion of the bleeding process
- Turn off the power switch and, once the pressure gauge slowly drops to 0 bar, remove the adapter fitting
- The BrakeVac Machine is now ready for use

Brake fluid exchange

- Install the appropriate adapter fitting onto the brake fluid reservoir of the vehicle
- Connect the output hose to the installed adapter fitting. Connect the power cable, lift the car to an appropriate height, allowing the tires to be off the ground
- Connect the used fluid bottles to the vehicle’s brake caliper and loosen the brake caliper bleed screw
- Turn on the equipment power switch
- Press and hold the start button to initiate the brake fluid exchange process
- Once the system reaches 1 bar of pressure the start button may be released and the system will continue the exchange process until the system is powered off
- Following the manufacturer’s provided guidelines and procedures for bleeding the brake system, exchange brake fluid one by one. If the manufacturer’s guidelines do not specify a particular sequence for bleeding, you can start from the right rear and proceed to the left front brake cylinder. Once the new, bubble-free brake fluid overflows from the bleed hole, then close the bleed screw
- Turn off the machine and disconnect the power supply

Brake Fluid Reservoir Adapter Table



Vehicle	Adapter No.
Acura	⑤ ⑱ ⑲
Alfa Romeo	①
Audi	① ④
Bentley	① ④
BMW	①
Buick	③ ⑦ ⑳
Cadillac	⑦ ⑳
Chevrolet	① ⑳
Chrysler	⑧
Dodge	⑧
Fiat	①
Ford	① ④ ⑦
Genesis	②

Vehicle	Adapter No.
GMC	① ⑳
Honda	⑤ ⑱ ⑲
Hyundai	②
Infiniti	②
Isuzu	⑱
Jaguar	①
Jeep	⑧
Kia	②
Lamborghini	① ④
Land Rover	①
Lexus	①
Lincoln	①
Mazda	⑦

Vehicle	Adapter No.
Mercedes	①
MINI	①
Mitsubishi	② ⑮
Nissan	⑩
Porsche	①
Ram	⑧
Rolls-Royce	①
Subaru	②
Tesla	⑯
Toyota	⑥
Volkswagen	①
Volvo	①
Various	⑨ ⑪ ⑫ ⑬ ⑭