

DRAPER

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Original Instructions
Version 1
August 2025

BRAKE & CLUTCH **BLEEDER KIT**

29358



1. Preface

1.1 Product Reference

User Manual for: Brake & Clutch Bleeder Kit

Stock No: 29358

Part No: MPBB3

1.2 Revisions

Version 1: August 2025

First release

As our manuals are continually updated, always ensure that the latest version is used.

Please visit drapertools.com/manuals for the latest version of this manual and the associated parts list, if applicable.

1.3 Understanding the Safety Content of This Manual

 **WARNING!** – Situations or actions that may result in personal injury or death.

 **CAUTION!** – Situations or actions that may result in damage to the product or surroundings.

Important: – Information or instructions of particular importance.

1.4 Copyright © Notice

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2. Product Introduction

2.1 Intended Use

This manual brake and clutch bleeder is designed for one person operation on vehicles where suction methods cannot be used.

Any other application beyond the conditions established for use will be considered misuse. Draper Tools accepts no responsibility for improper use of this product.

2.2 Specification

Stock No.	29358
Part No.	MPBB3
Reservoir Container Capacity:	3 litres
Maximum Pressure Rating:	5 bars (80psi)
Suction and Connecting Hose Length (approx.):	1070mm
Waste Oil Bottle Capacity:	1 litre
Waste Oil Bottle Hose length (approx.):	300mm
Net Weight (empty):	1.4kg

Important: Read all the Health and Safety instructions before attempting to operate, maintain or repair this product. Failure to follow these instructions may result in injury or damage to the user, the product or the workpiece.

- **Not all vehicles are suitable for use with pressure brake or clutch bleeding equipment. ALWAYS check with the vehicle manufacturer BEFORE using this brake and clutch bleeder or serious damage or dangerous loss to the braking system may occur. Draper Tools cannot be held responsible for incorrect use or application of this equipment.**
- Keep this product in good working order and condition. **DO NOT** use if any parts are damaged or missing.
- **ONLY** use approved parts. Unapproved parts and accessories may be dangerous and will void the warranty.
- Keep your work area clean and well lit.
- **DO NOT** overreach. Keep proper footing and balance at all times.
- **Dress properly. DO NOT** wear loose fitting clothing or jewellery. Keep your hair, clothing and gloves away from moving parts.
- Keep children and bystanders away while using this product.
- **DO NOT** allow untrained persons to use this kit.
- **DO NOT** use excessive pressure with this product.
- **DO NOT** allow the brake fluid reservoir to run dry during use.
- **ALWAYS** test the brakes before driving after using this product. Test by driving slowly and repeatedly pressing the brakes during the first drive after use. **DO NOT** continue to drive if the brake pedal loses pressure or react weakly.
- Check the pressure release valve is operating correctly before each use.
- Wear appropriate personal protective equipment (PPE). **ALWAYS** wear eye and hand protection.
- Use this product only for its intended purpose and do not modify it in any way.
- **DO NOT** use this product when you are tired or under the influence of drugs, alcohol or intoxicating medication.
- Release all pressure from the brake bleeder and empty the fluid container when not in use.



WARNING!

- **ONLY** use new brake fluid. Used brake fluid or other fluids will contaminate the brake/clutch system and result in failure.
- **DO NOT** discharge fluid in an uncontrolled way, by which the environment will be polluted.
- Brake fluid is flammable. Keep it away from sources of ignition including hot surfaces such as exhaust manifold.
- Brake fluid will damage the paintwork. Wash off any spillages immediately.

4. Identification

Carefully remove the product from the packaging and examine it for any signs of damage that may have occurred during shipment. If any part is damaged or missing, do not attempt to use the product. Please contact the Draper Helpline; contact details can be found at the back of this manual.



Please visit **drapertools.com** for our full range of accessories and consumables.

1. Ensure that no pressure remains in the container. Press the release valve (3) to release any pressure.
2. Use the spanner supplied (10) to unscrew the cap (2). Check that there is no debris or old fluid in the container.
3. Fill with new clean brake fluid. Ensure that the brake fluid is the correct type for the vehicle being worked on.
4. Then refit the cap firmly – take care not to overtighten.

6. Operation Instructions

Important: Before operating this product, read and understand all the safety instructions listed in this manual. Some vehicles may need to be in service mode before bleeding. **ALWAYS** check the vehicle's instruction manual before proceeding.

1. Place the container in an upright secure position.
2. Remove the cap from the vehicle's brake fluid reservoir and check the level. Top up to the maximum level if necessary.
3. Connect the 45mm adaptor cap (9) or the relevant adaptor for the vehicle to the quick connector (7) and fit to the brake/clutch reservoir.
4. Pump the handle (4) until the required psi is reached – **DO NOT** exceed 80psi.
 - If the system does not hold the pressure, recheck and tighten the connections and try again.
5. The system is now primed and ready for the brakes/clutch to be bled.

- The correct procedure will differ from vehicle to vehicle. **ALWAYS check the vehicle's manufacturer or Haynes manual on correct brake bleeding procedure.**

General procedure for bleeding brakes

- Ensure the engine is switched off.
 - Start with the brake furthest from the brake reservoir.
1. Open the bonnet and locate the brake fluid reservoir.
 2. Remove as much brake fluid as possible from the reservoir.
 3. Fill the brake fluid reservoir with the appropriate new brake fluid.
 4. Attach the brake bleeder adaptor (9) to the reservoir – ensure that it is fully secure.
 5. Check the pressure on the gauge (5). Then operate the hand pump (4) to bring the pressure to 10psi.
 6. Start bleeding the fluid out of the system by attaching the waste bottle hose (8) or a suitable clear plastic hose and loosening the bleeder screw.
 7. Check the brake fluid for air bubbles. Once the clean brake fluid is flowing through close and retighten the bleed screw.
 8. If required release the pressure on the brake pedal. **DO NOT release the brake pedal when the screw is open as this will draw air into the system.**
 9. Repeat process on all 4 wheels.
 10. When the bleeding process is complete, depress the pressure valve (3) to release pressure.
 11. Check the pressure has been released from the container and then disconnect the hose and connections.
 12. Before driving the car ensure all the bleed screws are tight, wheels are secured correctly, and the brakes have been fully checked and operate correctly.
 13. Dispose of the waste brake fluid from the bottle (8) safely and in accordance with local regulations.

8. Maintenance, Storage and Disposal

- After each use, check the condition of the brake bleeder and **DO NOT** use if damaged.
- After each use wash away any grime or fluid using a mild detergent.
- Keep the hose and adaptor clean for future use.
- Store in a clean dry location and out of the reach of children.
- At the end of its working life, dispose of the product responsibly and in line with local regulations. Recycle where possible.
- Dispose of brake fluid separately and in accordance with local regulations; **DO NOT** abandon it in the environment.



9. Warranty

12 months - Visit drapertools.com/warranty for more information.

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