



Supplied with popular European Screw Cap Adaptor (part no. 034980) – with M46 thread

Supplied with syringe (part no. 034986) – for accurate topping up of master cylinder



Supplied with Drain Bottle (part no. 034985) – to capture drained fluid – Push-on bleed nipple connector allows clean safe bleeding of old fluid into bottle – Handy chain to secure bottle in position to avoid spillage  
**Note:** Old fluid must be disposed of safely through a recognised re-cycling facility.

### OPTIONS

Multi-Vehicle Cap (part no. 034990)  
– To fit reservoir necks up to 85mm Dia.  
– Patented robust design  
– Ensures good seal on filler neck



Plastic storage case for cap adaptors and accessories (part no. 034982) – ideal for keeping all accessories safely together



# PRESSURE BRAKE BLEEDER

## 034900oo



Brake Bleeder Unit (part no. 034901)

**AVAILABLE IN 2 KITS**  
**034900 BASIC KIT**  
**034995 FULL KIT**

ITEM NO.	DESCRIPTION	034900 Basic Kit	034995 Full Kit
034901	BRAKE BLEEDER UNIT	1	1
034980	EUROPEAN SCREW CAP ADAPTOR	1	1
034985	DRAIN BOTTLE	1	1
034986	SYRINGE	1	1
034990	MULTI-VEHICLE CAP ADAPTOR		1
034982	PLASTIC STORAGE ACCESSORY CASE		1

### SPECIFICATION

Fluid capacity..... 1.25 litre  
Hose length..... 1.8 metres  
Cable length..... 2.4 metres  
Operating pressure .... 1-1.25 Bar (14-20 psi)  
ABS compatible

### INTRODUCTION

The 034900 Pressure Brake Bleeder has been specifically designed to provide a ONE man operated tool for use in replacing vehicle brake fluid and bleeding hydraulically operated automotive brake & clutch systems.

The 034900 is a portable machine weighing only 4kgs making it very easy to move around. The machine runs off a 12v car battery and has an internal motor that will cut-in as required in order to maintain pressure. When the system is fully pressurised the motor cuts out automatically. When bleeding the system the fluid level in the vehicle reservoir and pressure in the system is automatically maintained.

When the job is complete the fluid level in the master cylinder is returned to the correct level automatically.

## INSTRUCTIONS FOR USE

1. Ensure the bleeder reservoir is full of new clean fluid and that the float switch inside the reservoir has risen to the horizontal position.
2. Top up the vehicle reservoir to the correct level if necessary.
3. Place the bleeder by the vehicle. Unwind and connect the power cable to the vehicle battery (12V only), ensuring correct polarity (Red+, Black-).
4. Select a suitable cap and seal, then tighten firmly to the vehicle reservoir, ensuring the piece of hose terminates below the fluid surface.

5. Unroll the bleeder hose, wipe carefully to prevent brake fluid dripping onto the vehicle paintwork, and fit to the cap connector. Turn the valve to the "1" position and switch on the unit. The pump will now run for approx 15 seconds, until the pre-set pressure is reached. If the pump continues running check that there are no leaks.

Occasionally an airlock can be present and this can be cleared by running the pump in the "0" position. Re-check that the pump switches off after 15 seconds when switched back to the "1" position.

6. You can now bleed the system using the bottle and tube provided to capture the drained off fluid. Wheel cylinders can be bled in any order and the pump will maintain the vehicle reservoir level and provide a good pressure.

The pump will stop if the bleeder reservoir become low, ensuring air cannot be bled into the braking system. If the level drops simply refill the bleeder reservoir and continue bleeding as before.

7. When bleeding has finished switch off the pump and move the valve to the "0" position. Wait approx 30 seconds to allow excess fluid to return to the bleeder. This will restore the correct level in the vehicle reservoir. Finally return the valve to "1" ready for the next use.
8. The cap can now be removed. Check that the vehicle reservoir level is correct then replace the original cap. Use a cloth to wipe all surrounding areas to prevent brake fluid damaging the vehicle paintwork.

## IMPORTANT POINTS TO NOTE

1. This product is NOT suitable for mineral based brake fluids
2. Do not leave the bleeder cap connected to the bleed hose after use as this will leave the system unsealed, and could allow the bleeder to empty its contents
3. Do not over tighten the reservoir cap when preparing to bleed as this could result in permanent distortion of the neck of the reservoir. Use just enough pressure to ensure a good seal
4. If there is a problem bleeding the rear brakes press the brake pedal with a rear brake nipple open and this should release the brake limiter
5. Always use fresh brake fluid of the correct grade as specified by the vehicle manufacturer
6. It is advisable to check the condition of the fluid in the vehicle before deciding to bleed the system in case the fluid is in need of complete replacement – The Sykes-Pickavant 335300 Brake Fluid Tester uses the approved method of testing the boiling point of the fluid
7. Brake fluid is hygroscopic – it absorbs moisture from the atmosphere. If you store brake fluid on your premises then it should be tested using the Sykes-Pickavant Brake Fluid tester 335300 to ensure it is still fit for use. Unless brake fluid is kept in a fully sealed container it will absorb moisture over time and may become dangerous
8. Any fluid left in the bleeder for extended periods of time should also be tested before use to ensure it has not deteriorated too far for safe use.
9. Brake fluid can cause damage to paintwork. Have a bucket of water ready to wash off any spills immediately



### HEALTH & SAFETY TIPS

1. Always wear appropriate gloves when bleeding brakes as brake fluid can cause irritation to skin
2. Always wear eye protection when bleeding brakes or handling brake fluid
3. Always dispose of spent fluid in the correct manner for re-cycling purposes