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If applicable, the applications database and any instructional information provided has been designed to offer general guidance for a particular tool's use and while all attention is given to the accuracy of the data no project should be attempted without referring first to the manufacturer's technical documentation (workshop or instruction manual) or the use of a recognised authority such as Autodata.

It is our policy to continually improve our products and thus we reserve the right to alter specifications and components without prior notice. It is the responsibility of the user to ensure the suitability of the tools and information prior to their use.



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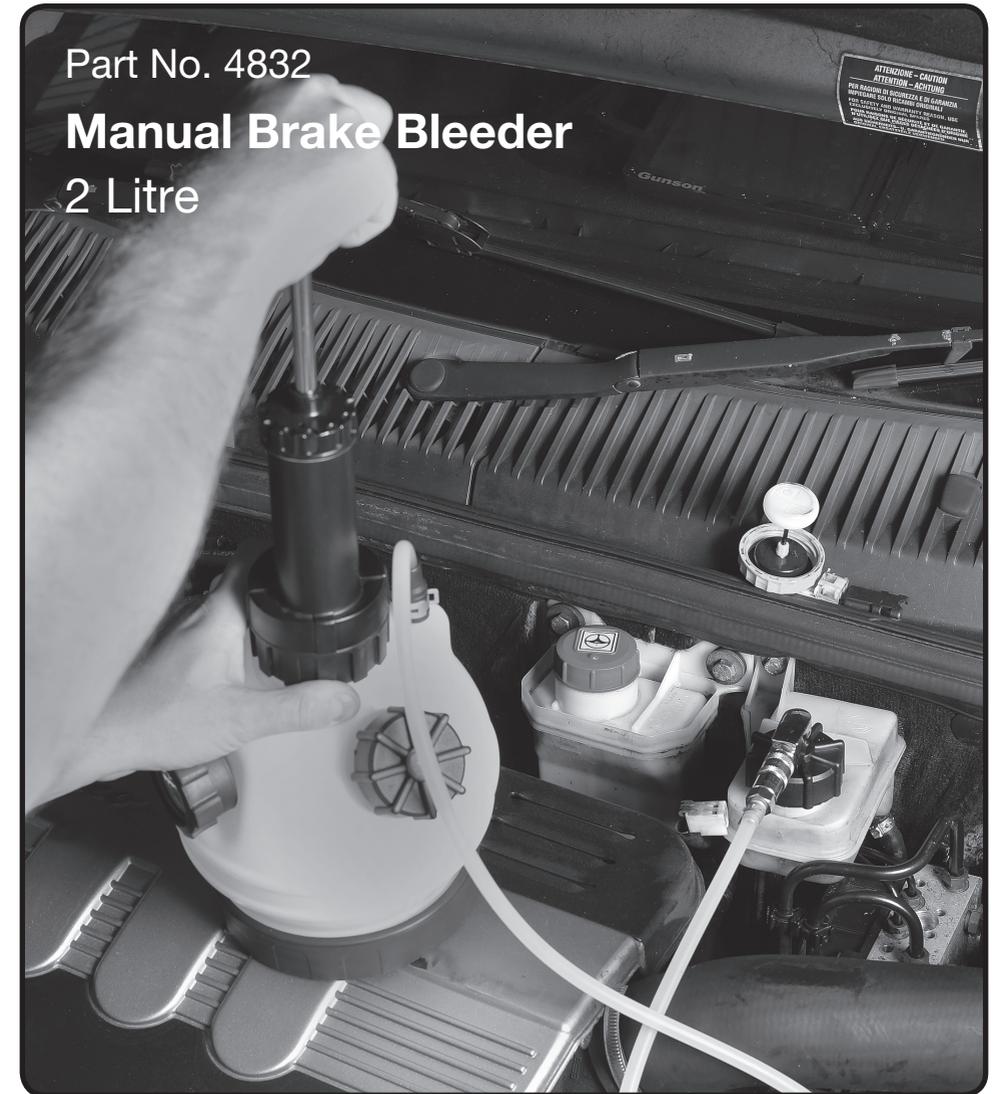
Guarantee

If this product fails through faulty materials or workmanship, contact our service department direct on: **+44 (0) 1926 818186**. Normal wear and tear are excluded as are consumable items and abuse.

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LASER®

4832



Part No. 4832

Manual Brake Bleeder

2 Litre

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Contents

1. Fluid Container
2. Hose
3. Hand Pump
4. Pressure Gauge
5. Container Cap
6. Pressure Release Valve
7. Brake Bleeder adaptor with quick connector

Spares available:

Part No.	Description
0105	Pump
0554	Screw Cap and Internal Part of Pump
6137	Hose for 4832
6138	Spare Cap With Quick Adaptor - 4832
6036	Universal Brake Bleeder Adaptor

Container Capacity	2 Litres
Method of operating	One way siphoning
Operating pressure	10psi
Maximum Pressure rating	30psi
Suction and Connecting Hose	5/16" O.D x 100cm long
Additional features	Pressure release valve
	Quick Connector
Pressure Gauge	0-70psi (0-5 Bar)

Instructions

This manual brake bleeder is designed for use with most brake master cylinder reservoirs fitted with a Euro Cap.

Safety Precautions

- Release all pressure from the Brake Bleeder and empty Fluid container when not in use.
- Do not use if damaged.
- Clean after use with a clean dry cloth.
- Keep the hose and adaptor clean for future use.

Instructions

- Fill the container at the Cap (5) to the marker just below the pressure gauge.
- Refit the cap firmly (do not over tighten).
- Place the container in a secure position.
- Remove the cap from the vehicle's brake reservoir.
- Check the level of the brake fluid and top up to the maximum line if necessary.
- Fit the brake bleed adaptor with the quick connector over the reservoir neck.
- Make sure the system is sealed.
- Pump the handle until 10psi is reached (Do not exceed 30psi).
- If the system does not hold the pressure, recheck the connections, tighten and try again.
- The system is now primed and ready for the brakes to be bled without fear of bleeding them dry.

Bleeding the brakes

- Repeat the following procedure on all wheels ideally starting at the off-side rear, near side rear, off-side front and near side front.
- Wipe each bleed screw.
- Place a clear plastic hose (compatible for use with brake fluid) over the fitting and the other end into a suitable empty container.
- With a ring spanner (to avoid damage to the screw) loosen the bleed screw by 1/4 turn to release fluid into the clear pipe (The screw only needs to be open for a couple of seconds or less).
- Close the bleed screw gently (not too tight).
- Check the brake fluid in the clear pipe for air bubbles.
- Continue repeating these steps until no air bubbles appear (This could be repeated up to 10 times for each wheel).
- As the brake fluid is discharged through the brake nipple the pressure on the system will siphon fresh fluid from the fluid container.
- After each wheel check the pressure on the gauge. If this has dropped pump the hand pump to build up any lost pressure.
- Repeat on all wheels.
- When the job is complete push down the Hand Pump and release the pressure release valve.
- Check the pressure has dropped to its lowest point.
- Disconnect the hoses and all connections.
- Before you drive the car make sure all nipples are tightened, wheels are secured correctly and the brakes have been checked and feel firmer and more responsive.