

## Brake Fluid Precautions

- Brake fluid is flammable - keep away from sources of ignition, especially hot surfaces like exhaust pipes or manifold.
- Brake fluid damages paintwork - flush spillages with clean water and dry off immediately.
- Wear eye protection and keep skin contact to a minimum.
- If brake fluid enters eyes, immediately rinse with clean water and seek medical attention.
- If swallowed seek medical advice immediately.
- Dispose of waste brake fluid responsibly and in accordance with local authority regulations.

Our products are designed to be used correctly and with care for the purpose for which they are intended. No liability is accepted by the Tool Connection for incorrect use of any of our products, and the Tool Connection cannot be held responsible for any damage to personnel, property or equipment when using the tools. Incorrect use will also invalidate the warranty.

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.



**Safety First. Be Protected.**

### 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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5780\_Instructions\_V2



5780

# LASER<sup>®</sup>

## Pneumatic Fluid Extractor/Brake Bleeder

1 Litre

### Instructions



[www.lasertools.co.uk](http://www.lasertools.co.uk)

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## Pneumatic Fluid Extractor/Brake Bleeder

The 5780 has been introduced to allow two brake nipples to be bled at the same time. This is particularly useful when working on motorcycles equipped with twin front calipers or brake calipers fitted with multiple bleed nipples (often found on competition multi-piston calipers).

By simply removing one nipple connector it is easy to convert the 5780 to single nipple connection if required.

The 5780 uses standard workshop compressed air to generate an internal vacuum and can also be used to vacuum out the brake master cylinder to speed up complete fluid changes. This is particularly useful with master cylinder reservoirs that are difficult to access.

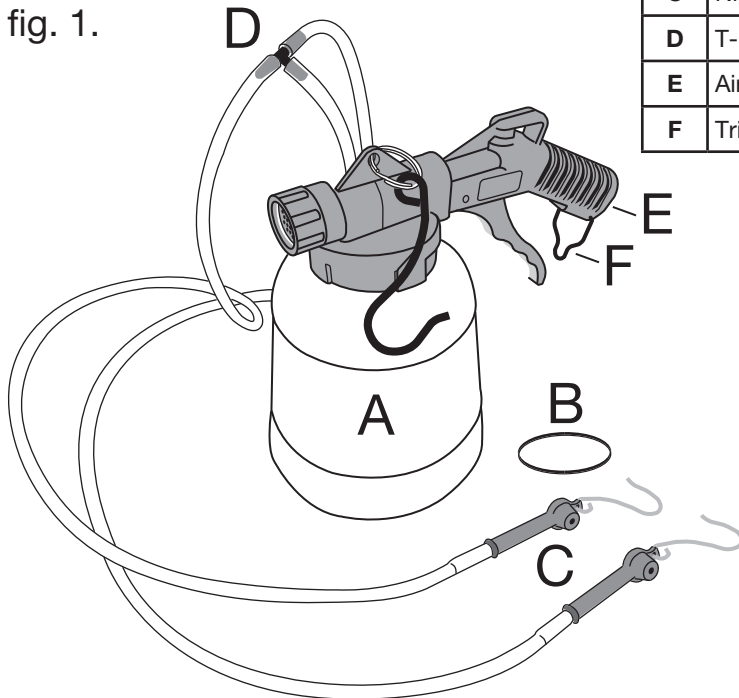
The 5780 is provided with a trigger clip that will hold the trigger in the on position allowing hands-free operation.

## Components

Always refer to the vehicle manufacturer's specific instructions for brake bleeding in particular to wheel sequence.

<b>A</b>	Main body / container
<b>B</b>	Top seal
<b>C</b>	Nipple connectors (x 2)
<b>D</b>	T-piece connector
<b>E</b>	Air inlet
<b>F</b>	Trigger clip

fig. 1.



## Kit Assembly

- Before use, ensure the seal (**B**) is fitted between the handle and bottle of the unit. To insert the seal unscrew the bottle from the handle and fit the seal in the handle.
- Screw on an air line adaptor (not supplied) to the air inlet of the bleeder (**E**) in fig.1.
- Connect to a suitable compressed air line.

## Instructions for use with Twin Bleed Nipples

1. Loosen and remove the brake/clutch reservoir cap.
2. Top up the reservoir as required
3. Identify which nipples are to be used, clean the area around the nipples with a wire brush and connect both nipple connectors (**C**) to the nipples.
4. Press the trigger on the 5780. The vacuum created will draw the fluid through the bleed nipple and then into the container body when the nipples are opened.

*NOTE: to ensure a good seal and prevent air being drawn into the pipe via the nipple thread it is good practice to smear axle grease or similar around the nipple where it meets the caliper.*

5. Once the system has been bled ensure all nipples are closed before disconnecting the pipes.
6. Allow the 5780 to continue operating to ensure all fluid in the pipes has been sucked into the bottle to help prevent unwanted leakage. Use the hooks to hook the pipes up above the level of any fluid in the bottle to help prevent leakage.
7. For hands-free operation hold the trigger in the on position using the holding clip (**F**) fig.1.
8. Remember during the bleeding operation to check and maintain the fluid level in the reservoir.

## Instructions for use with Single Bleed Nipple

1. To bleed one nipple at a time remove the short pipe that connects to the T-piece from the bleeder unit. Disconnect one of the pipes from the T-piece (**D**) fig.1. Connect this single pipe to the bleeder unit.
2. Now use as described above.