

Warning

- Use only to extract non-corrosive fluids.
- Ensure eye protection is worn when using this product.
- Dispose of waste fluids in accordance with local authority regulations.
- Do not store fluids in the extractor unit. Once used to extract fluid, it must be emptied as soon as possible.
- **Do not** tip the extractor right over when emptying out the fluid as this will contaminate the internal float valve. If this happens, first press the vacuum release valve (**E**) to release any pressure from the inner pump chamber; seal off the fluid entry/spout then pump the handle several times. Any fluid that has entered the pump will be expelled from the valve on the underside of the unit.
- When bleeding brake or clutch hydraulic systems, make sure the brake/clutch fluid reservoir is kept topped with fluid during the subsequent operations.
- Take great care with engine or gearbox oils or fluids, do not expose to skin and do not extract hot (normal driving temperature) fluids.



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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5697

LASER[®]

Manual Fluid Extractor

6.5 Litre (1.7 Gallon)

Instructions



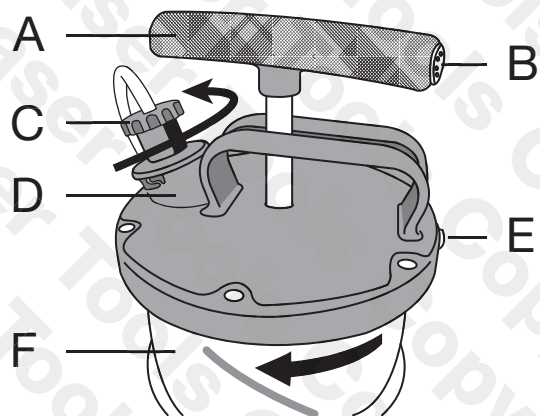
Manual Fluid Extractor | 6.5 Litres

The 5697 is a manually operated vacuum fluid extractor with a 6.5 litre capacity. It is suitable for extracting all types of lubricating oils used in cars, motorcycles, marine engines, stationery engines and can be used for brake bleeding. It is also suitable for non-corrosive low viscosity fluids such as water and has numerous additional applications such as draining cisterns fish tanks, sinks, etc.

The extractor is provided with a 9.8mm Ø main tube/adaptor, plus two additional tubes (6.7mm Ø and 6.0mm Ø) which are used in conjunction with the main tube/adaptor. Additionally an 8.0mm Ø silicone hose/adaptor is provided for brake or clutch bleeding with a one-touch flow controller plus bleed nipple adaptor.

The unit is supplied with a tubular container to hold the supplied tubes and hose.

Components



Code	Description
A	Handle
B	Check Valve
C	Suction Tube adaptor
D	Spout
E	Vacuum Release Valve
F	Fluid Drain Limit Line

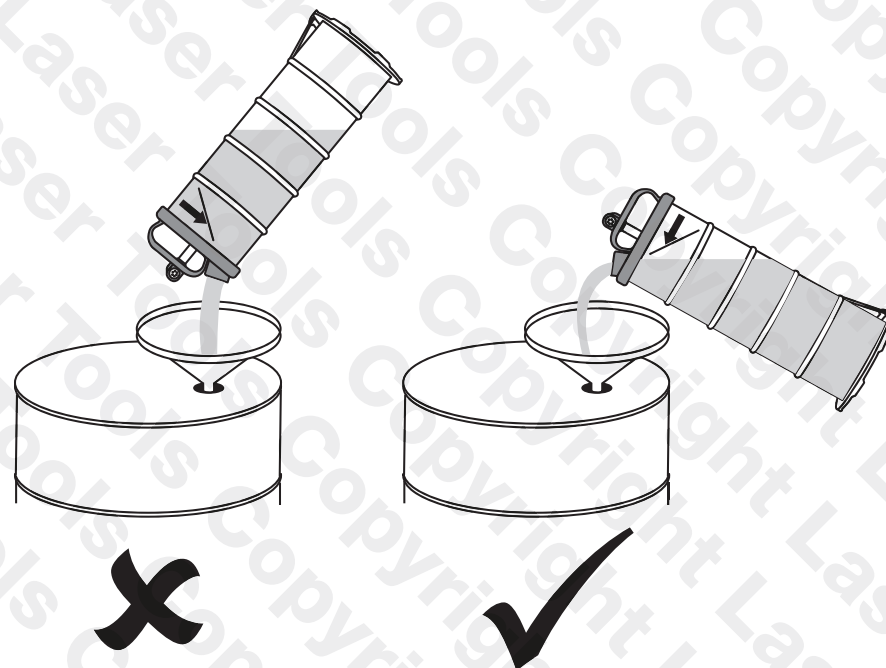
Instructions:

- If draining oil from a vehicle engine or gearbox, then ensure the vehicle is on level ground and have the engine/gearbox warmed up slightly (run for five minutes).
- Remove the engine or gearbox dipstick or gearbox side mounted filler plug, whichever is appropriate.
- Select and insert the appropriate diameter tube into the dipstick tube until it reaches the bottom of the sump or gearbox.
- Connect the main tube/adaptor (C) to the spout on top of the extractor unit. Push the adaptor down and turn **anticlockwise** to engage the lugs and seal.
- Raise the handle (A) and pump several times to create a vacuum — this will automatically begin to extract the fluid into the extractor unit.

- Observe the fluid as it fills the unit and stop pumping when the fluid is about 150mm from the top. The unit will continue to fill and will automatically shut off when the unit is full and the internal float valve operates.
- Once completed, evacuate any residual vacuum by pressing the vacuum release valve (E) then remove the tube from the dipstick hole, and the adaptor (turn clockwise to release) from the unit.

Brake / Clutch Bleeding

- Connect the silicone hose/adaptor to the spout on top of the extractor unit. Push the adaptor down and turn **anticlockwise** to engage the lugs and seal.
- Make sure the brake / clutch fluid reservoir is kept topped with fluid during subsequent operations.
- Fit the bleed nipple adaptor over the relevant nipple.
- Raise the handle (A) and pump several time to create a vacuum.
- Make sure the blue plastic one-touch flow controller is open, then open the bleed nipple to begin extracting the fluid.
- When any air bubbles have been expelled and the brake / clutch fluid is running cleanly, halt the flow by closing off the one-touch flow controller. Then close off the bleed nipple. Repeat as necessary on the remaining calipers or cylinders.
- Follow instructions below on emptying and disposing of the extracted fluid.



Dispose of the extracted fluid in accordance with local authority regulations. Refer to diagram above - **do not** tip the extractor right over when emptying out the fluid as this will contaminate the internal float valve. Instead, empty the unit steadily taking care not to let the fluid rise above the fluid drain limit line (F) which is moulded in the side of the unit nears the top.