

LASER[®]

Part No. 9497

Manual Fluid Extractor

15L

Instructions



www.lasertools.co.uk

Introduction

Many modern engines have increased oil sump capacities. For example, the Ford Transit EcoBlue now holds up to 9.3 litres. For this reason, Laser Tools has introduced the 9497, a manually operated vacuum fluid extractor with a 15 litre capacity. It is suitable for extracting all types of lubricating oils used in cars, motorcycles, marine engines and stationary engines. It can also be used with non-corrosive, low-viscosity fluids such as water, with additional applications including hot water tanks, fish tanks and sinks.

- Suitable for engine oil, ATF, coolant, brake fluid, water & other low viscosity fluids.
- Capacity: 15L. Dimensions: 570mm x 235mm x 235mm. Uses manually pumped vacuum for fluid extraction.
- Provided with a 10mmØ x 1m main tube/adaptor, plus 3 additional tubes (4mm; with cleaning wire, 6mm & 8mmØ) which are used in conjunction with the main tube/adaptor.
- Also includes a 6mmØ silicone brake bleeder hose with brake bleed nipple connector & fluid lock.

A 10L capacity manual fluid extractor is also available, please see Laser Part No. 9021.

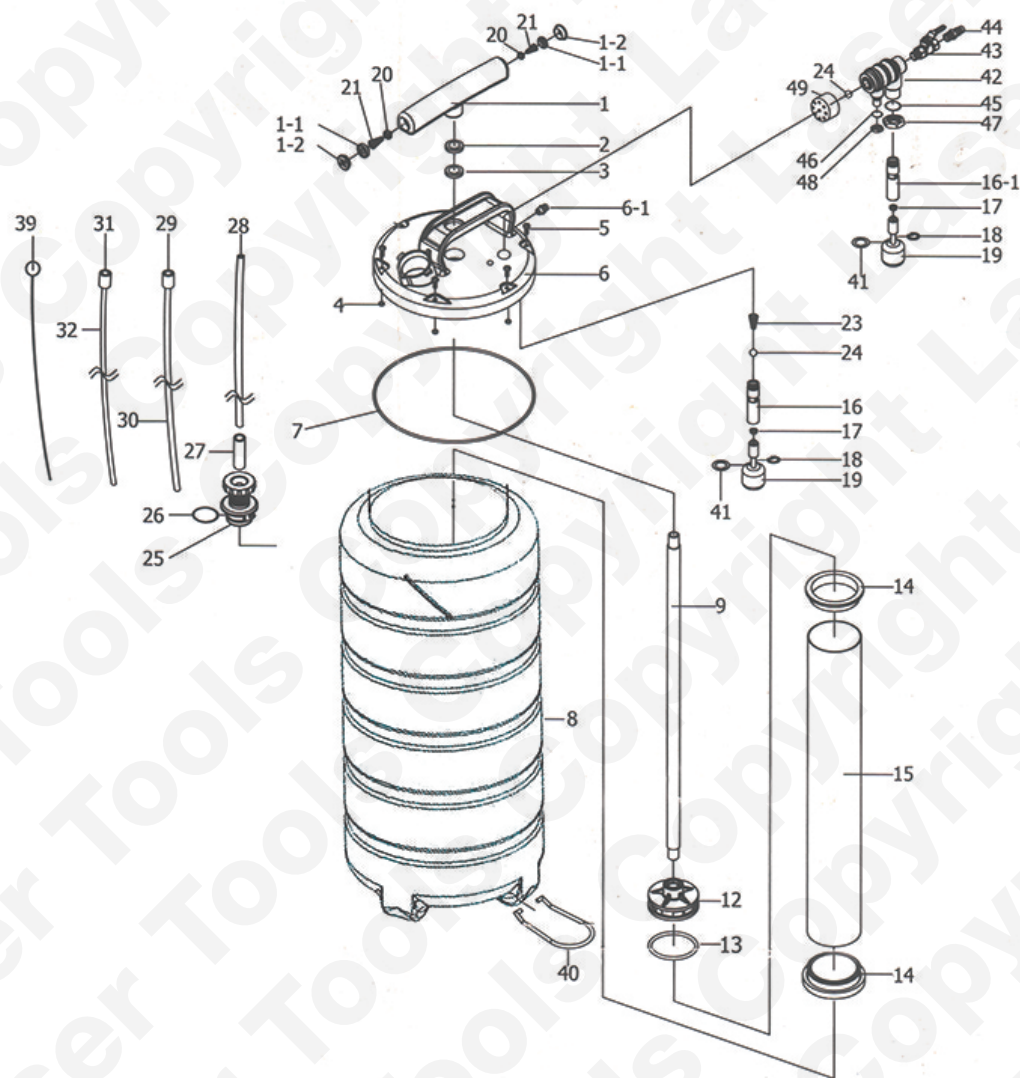
Instructions

The following instructions are for guidance only. Please refer to OEM derived data such as the vehicles manufacturers own data or Autodata.

The use of this tool is purely down to the user's discretion and The Tool Connection Ltd. cannot be held responsible for any damage caused what so ever.



Exploded Diagram



Exploded Diagram

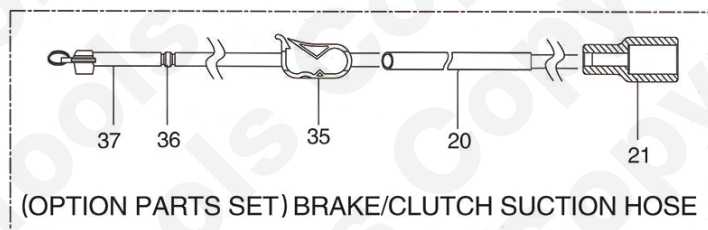
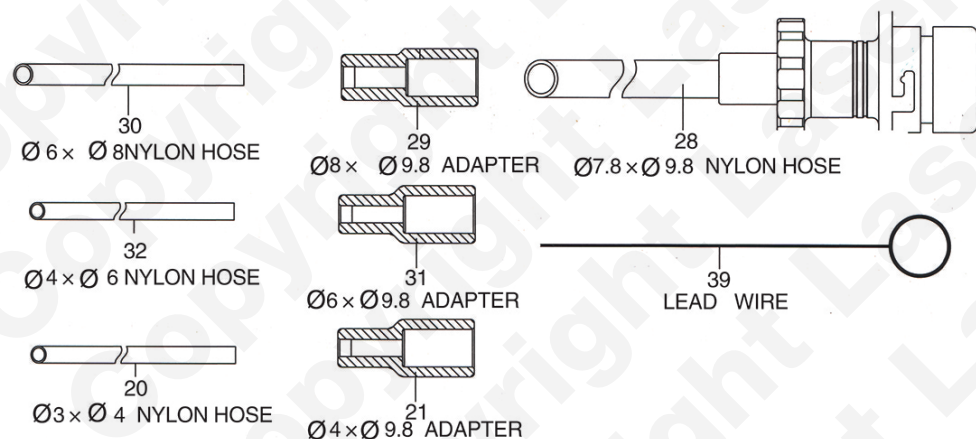
Parts List

Parts NO.	Q'ty Req	Description	Parts NO.	Q'ty Req	Description
1	1	Handle	23	1	Spring
1-1	2	Check Valve Body	24	2	Check Ball
1-2	2	Noise-Reduction Cover	25	1	Adapter
2	1	Washer	26	1	O Ring
3	1	Oil Seal	27	1	Hose
4	6	Nut	28	1	Nylon Hose
5	5	Surew	29	1	Adapter
6	1	Cover Housing	30	1	Nylon Hose
6-1	1	Decompression Valve	31	1	Adapter
7	1	O Ring	32	1	Nylon Hose
8	1	Tank	39	1	Leader Wire
9	1	Piston Tube	40	1	Tank Stand
12	1	Piston	41	2	Washer
13	1	O Ring	42	1	Vacuum Stand
14	2	Packing	43	1	Valve
15	1	Alumnum Tube	44	1	Coupler
16	1	Safety Valve	45	1	Packing
16-1	1	Safety Valve	46	1	Packing
17	2	Packing	47	1	Screw
18	2	C Locker	48	1	Screw
19	2	Safety Buoy	49	1	Noise-Reduction Nut
20	1	Nylon Hose			
22	1	Adapter			

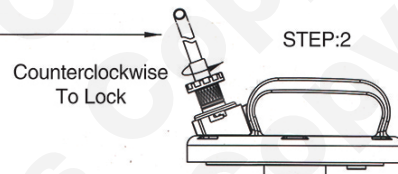
The type and specifications may be changed with or without notice.

Instructions

HOW TO USE THE HOSE



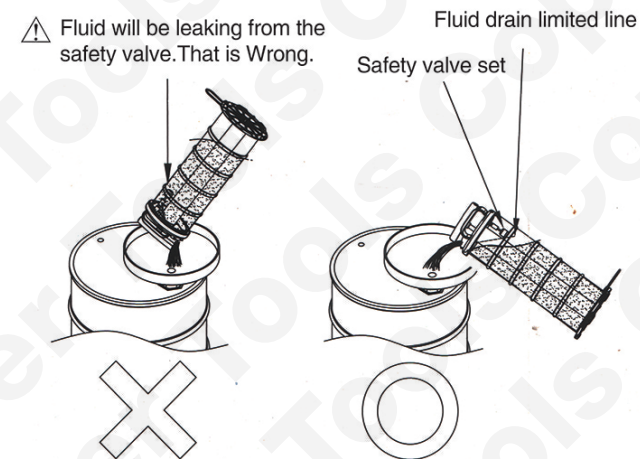
Fluid Inlet



- (1): 28+29+30 → FLUID SUCTION HOSE
 (2): 28+31+32 → FLUID SUCTION HOSE

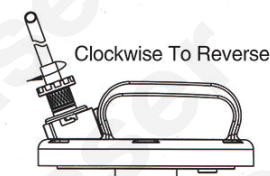
Instructions

IMPORTANT

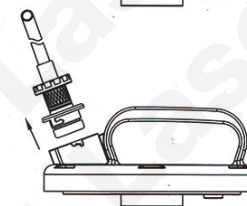


FLUID DRAIN

STEP:1



STEP:2



Safety Warnings - Please Read

1. Please always wear safety goggles.
2. Keep out of reach of children.
3. Do not use the unit to extract or store dangerous chemicals, poisons, acids, alkaline or solvents. If by chance, liquids such as these are used in the unit, it must be immediately drained and washed thoroughly.
4. Flammable liquids such as petrol, diesel or kerosene may be extracted or siphoned with the unit but they must not be stored in it.
5. Do not drop, throw, mishandle, dismantle, tamper with or adapt the unit for any other purpose than what it was originally intended for.
6. Do not store either the unit or suction tubes in areas of high temperature, direct sunlight, rain or snow.
7. The vapours are flammable and caution should be used when extracting flammable liquids.
8. The temperature of fluid should be between 1°C~95°C when operating.



Safety First. Be Protected.

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.



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When you have finished with this product please recycle it

www.lasertools.co.uk



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For GPSR regulations visit: www.tc-gpsr.com

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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