

# GEDORE

TOOLS FOR LIFE

## Pressure- and Vacuum Hand Pump



**KL-0124-41 K**

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KL-0124-41 K



**KL-0124-41 K -Pressure- and Vacuum Hand Pump**

**Field of Application**

Universally applicable for the quick and easy check of pressure- and vacuum systems as well as for the suction of liquids such as fuels, brake fluids etc., (e.g. when bleeding brakes).

Especially required for checking the following:

- Fuel-System,
- Vacuum Diaphragm,
- Vacuum Sensor,
- Exhaust Gas Recirculation Valve,
- Fuel Pressure Regulator,
- Vacuum Modulator on Automatic Transmission,
- Brake Booster,
- Turbo Charger Valves,
- Fuel Pump Diaphragm,
- Leak tightness check on lines etc.

**Warnings and Notes**

- Any work on vehicles should only be performed by qualified personnel observing and complying with the directions, provisions, and safety regulations issued by the vehicle manufacturer.
- Only the vehicle manufacturer's data apply to any work on the vehicle.

**Application**

⇒ **Vacuum:**

**Vacuum check:**

1. Turn switch lever to "VACUUM" position. (fig. 1)
2. Connect required hoses and adaptors. (fig. 1 "A")
3. Operate pump lever to generate vacuum.

**Note:**

Do not operate relief valve during the pumping process. Vacuums must not exceed -0.950 bar. Suction of fluids should not be performed without the installation of a drain bottle.

4. Operate relief valve to relieve pump.

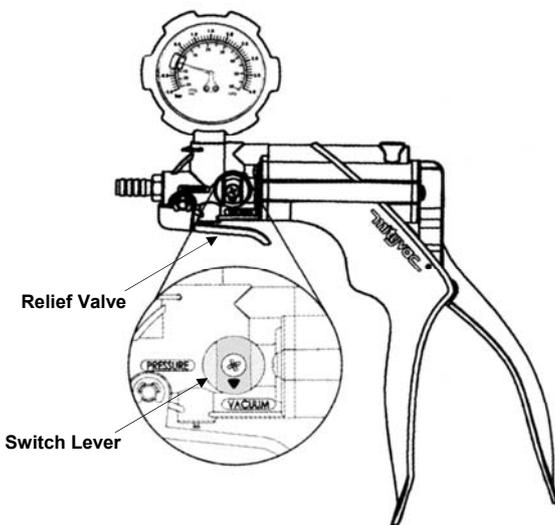
**Suction of fluids:**

1. Turn switch lever to "VACUUM" position. (fig. 1)
2. Install drain bottle for fluids on hand pump. (fig. 2 "B")
3. Operate pump lever for suction of fluids.

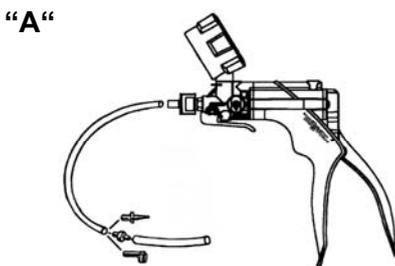
**Note:**

Do not operate relief valve during the pumping process. Vacuums must not exceed -0.950 bar. Make sure not to overfill drain bottle to prevent fluids from entering the pump.

Fig. 1 : Position for Vacuum.



Connecting Adaptors.



Suction of Fluids.

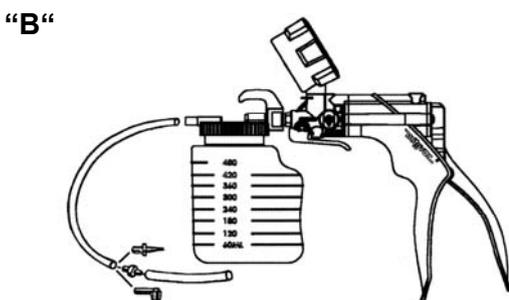
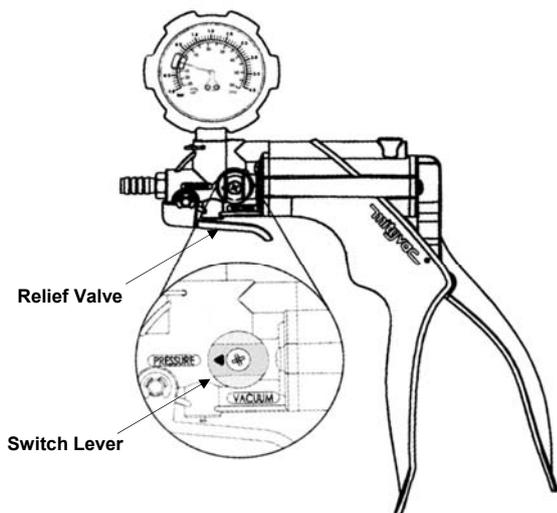
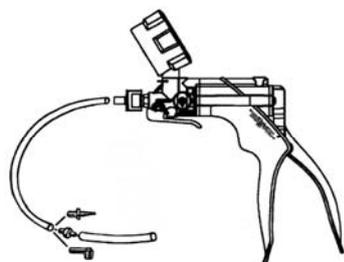


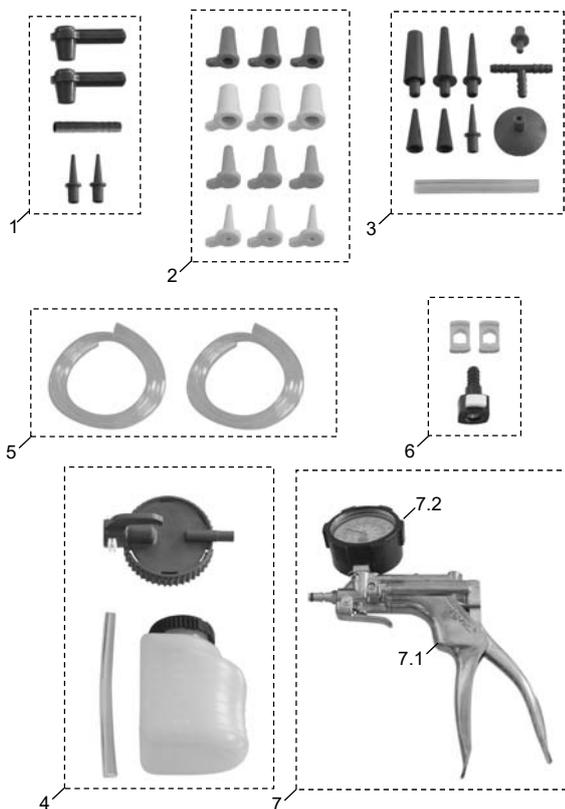
Fig. 2 : Position for pressure.



Connecting adaptors.



Specification: KL-0124-41 K



⇒ **Pressure:**

**Pressure check:**

1. Turn switch lever to "PRESSURE" position. (fig. 2)
  2. Connect required hoses and adaptors. (fig. 2)
  3. Operate pump lever to generate pressure.
- Note:**  
Do not operate relief valve during pumping process.  
Pressure must not exceed 4.0 bar.
4. Operate relief valve to relieve pump.

**Note**

In case of an accidental suction of fluids into the pump, it must be dismantled and cleaned using lukewarm soapy water. Carefully dry all components afterwards and lubricate the pump piston with a silicone lubricant.

**Technical Data**

KL-0124-4100:..... Two-way Metal Pump  
 Vacuum measuring range:..... from 0 - 1.0 bar  
 Pressure measuring range: ..... from 0 - 4.0 bar  
 Display:.....Pressure gauge  
 Weight: ..... 1.4 kg  
 Package: .....Plastic case  
 Max volume of drain bottle: ..... 500 ml

**Specification**

Pos.	Part No.	Description	Qty.
	<b>KL-0124-41 K</b>	<b>Pressure- and Vacuum Hand Pump</b>	<b>1</b>
<i>consists of:</i>			
1	KL-0124-4101	Bleeding Adaptor set	1
2	KL-0124-4102	Vacuum Cap set	1
3	KL-0124-4103	Diagnostic Adaptor set	1
4	KL-0124-4104	Drain Bottle set	1
5	KL-0124-4105	Hose (2 lengths)	1
6	KL-0124-4106	Hose Connector	1
7	<b>KL-0124-4100</b>	<b>Hand Pump with Manometer</b>	<b>1</b>
	KL-0124-4190	Plastic Storage Case (not shown)	1

Pos.	Part No.	Description	Qty.
7	<b>KL-0124-4100</b>	<b>Hand Pump with Manometer</b>	<b>1</b>
<i>consists of:</i>			
7.1	KL-0124-4100-1	Hand Pump without Manometer	1
7.2	KL-0124-4100-2	Manometer	1