

AB5705

Multipurpose Tools Carts



INSTRUCTION



| | | | |
|---|------------------------------|---|----------------------------|
| A | Safety valve | L | Swivel Casters with Brakes |
| B | Measuring cup press valve | M | Oil catch pan |
| C | Silencer | N | Lifting rod adjuster |
| D | Vacuum generator/air inlet | O | Oil Tank Inlet Valve |
| E | Tempered glass measuring cup | P | Oil Tank Safety Valve |
| F | Oil extraction hose | Q | Oil drain hose |
| G | Oil extraction handle valve | R | Oil discharge valve |
| H | Wands Holder | S | Handle |
| I | Oil filter wrench set | T | Oil level sight glass |
| J | Oil filter wrench set | U | Check Valve Assembly |
| K | Oil Storage tank | | |

- Do not use the equipment for functions not listed in this manual.
- Waste oil should be properly handled/recycled according to the relevant regulations of the relevant departments.
- If you need repair service, please contact the dealer or manufacturer, please do not handle it yourself.

Note: If the machine is damaged due to violation of regulations, and personnel accidental injury, the manufacturer is not responsible And no warranty is given.

Product Description

1. Principle: Utilizing compressed air, our patented technology creates a vacuum within a transparent measuring cup or oil storage tank. Under the action of external air pressure, the oil is pumped through the oil suction wands. Pump into a transparent measuring cup or oil storage tank.
2. The device achieves vacuum quickly and possesses strong negative pressure capabilities. It is a versatile model suitable for use in situations without lifting equipment.
3. The product features a high-quality, tempered transparent measuring cup. This cup boasts high strength, high transparency, excellent temperature resistance, Weather resistance, and corrosion resistance. The cup is designed with a scale for easy primary observation and measurement of oil quality and quantity.
4. All functions are powered by compressed air, ensuring the safety, environmental friendly, and low consumption of the device.
5. Our independently developed and produced vacuum generator improves work efficiency by over 80% compared to similar products.
6. Various specifications of oil suction wands and wands diameters can meet the maintenance needs of different types of cars.

Technical specifications

| | |
|--------------------------|--------------------------------------|
| Air supply pressure: | 6 ~ 8bar |
| Discharge pressure: | 0.6 ~ 0.8bar |
| Air consumption: | 150L/Min |
| vacuum degree: | 0 ~ 65cmHg |
| Tank volume: | 70L |
| Measuring cup volume: | 10L |
| Pan capacity: | 20L |
| Working oil temperature: | 40~ 80 °C |
| Packing: | Measuring cup/Oil Catch Pan/Oil Tank |
| Carton size: | 810*500*1000Mm, 480*430*480mm |
| Oil extraction wands: | 5pcs |
| Φ5*L700mm , (Cu, 1 PCS) | rate of pumping: 1.9 L/Min. |
| Φ6* L700mm , (Cu, 1 PCS) | rate of pumping: 3.7 L/Min. |
| Φ5* L700mm , (Pvc, 1PCS) | rate of pumping: 1.0 L/Min |
| Φ6* L700mm , (Pvc, 1Pcs) | rate of pumping: 2.0 L/Min. |
| Φ8*L700mm , (Pvc, 1Pcs) | rate of pumping: 6.5 L/Min. |

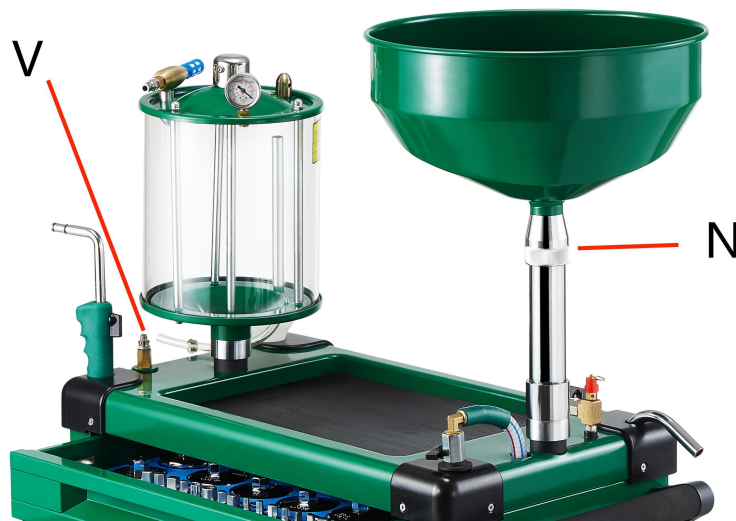
Packing Details:

1. English Manual: 1
2. Measuring Cup: 1
3. Oil Catch Pan: 1
4. Silencer: 1
5. Handle: 1
6. Oil Extraction Wands: 5
7. Lifting Rod: 1
8. Lifting rod adjuster
9. Tool Tray
10. Swivel Caster with Brakes

Instructions

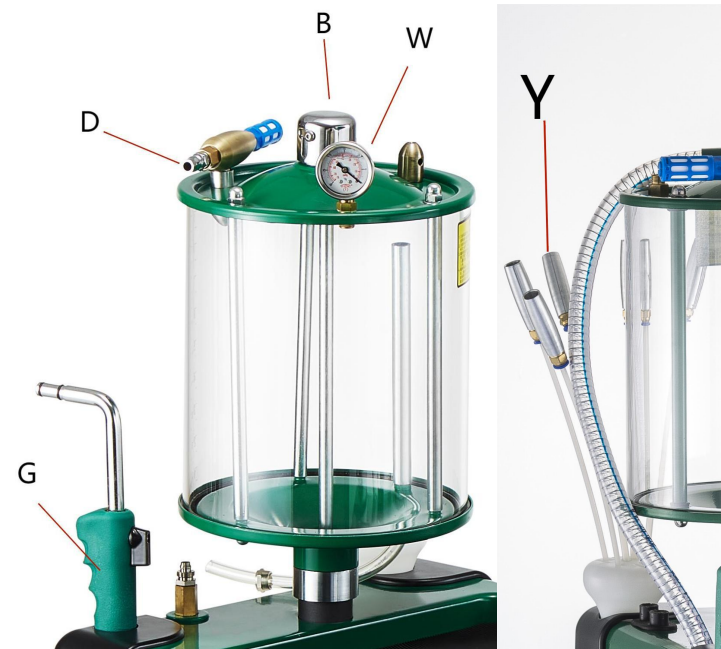
I. Installation (Please refer to the attached diagram and instructions for specific location)

1. Fix the measuring cup securely while ensuring the correct orientation of the cup assembly
2. As shown in the figure, install the measuring cup assembly on the positioning seat of the oil storage tank in a "clockwise" direction of rotation.
3. Connect the position **V** transparent hose to the measuring cup.
4. As shown in the figure, fix the lifting rod in a clockwise rotation direction and install the oil catch pan.
5. After installation, please ensure that the lifting rod is perpendicular to the position of the equipment.
6. Turn the **N** (lifting rod adjuster) counterclockwise to adjust the up and down height of the lifting rod holder, turn clockwise to tighten



II. Oil Extraction with Measuring Cup

1. Press and rotate the measuring cup press valve **B** to the middle slot position (valve closed)
2. Turn the oil extraction hose valve **G** off and connect the Oil extraction wands **Y** of the corresponding model.
3. Connect the air source to the vacuum generator inlet **D**.
4. The negative pressure gauge holder **W** should move to 0.06 - 0.08 Mpa.
5. Insert the oil extraction wands into the engine compartment and turn on the oil extraction hose valve **G** to begin extracting waste oil.



III. Empty Waste Oil From Measuring Cup (Drain out the waste oil to oil storage tank)

1. Once the oil level in the cup reaches the warning line, empty the waste oil from the cup.
2. Press and rotate the measuring cup press valve **B** to the top left or right slot position (Turned on) to allow the waste oil to flow automatically into the storage tank.

Note:

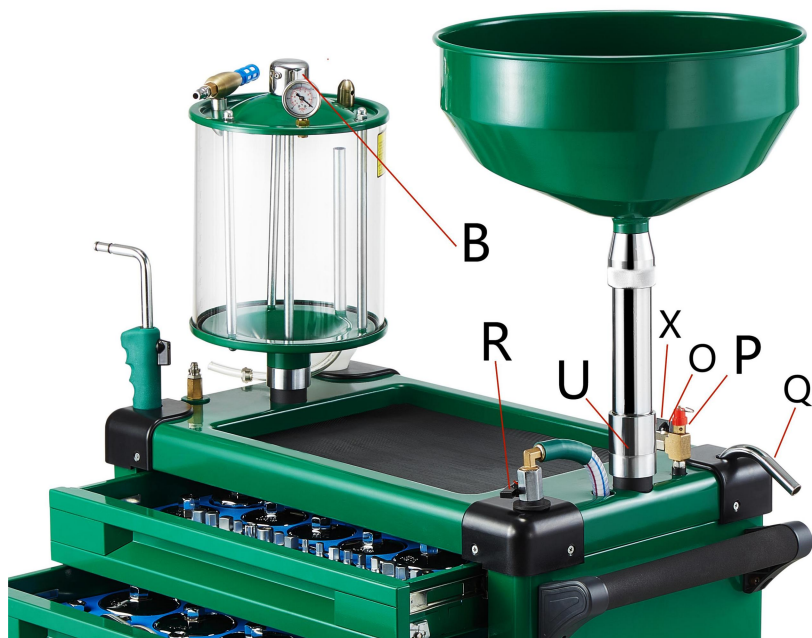
1. To extend the life of the measuring cup, do not close the measuring cup press valve when not emptying the storage tank.
2. If the temperature of the waste oil exceeds 80 degrees Celsius, it may cause damage to the equipment components!

IV. Wasted Oil Recycling

1. Move equipment under the vehicle
2. Adjust Lifting Rod, and align the oil catch pan with drain hole.
3. Loosen the vehicle's oil drain valve.
4. Waiting for oil to drain out.
5. Tighten the drain valve.

V. Empty Waste Oil from Oil Drum

1. Press and rotate the oil drain valve **B** of the measuring cup to the middle slot position, and the switch will automatically pop up (Turned off)
2. Turn oil drain hose valve **R** off.
3. Turn the air inlet valve **O** off.
4. Connect the air supply to Air inlet **X**.
5. Turn the oil drum air inlet valve **O** on (The valve should be opened instantly, not half-open or slowly.) and pressurize the oil tank. When the oil tank pressure reaches a certain level, check valve assembly **U** will pop up and automatically turn off. Then, turn oil drain valve **R** on to drain the oil from hose **Q**.
6. When the air pressure in the continuously pressurized oil tank exceeds the pressure of the safety valve **P**, it will automatically release the pressure. Please turn the air inlet valve **O** off.
7. After draining out the oil, unplug the air source and turn the air inlet valve **O** on to drain all the air pressure in the oil tank.



Dear user, thank you for using this device!

Please read the operating instructions and safety precautions of the equipment carefully before using the equipment, and strictly follow the instructions in the instructions to ensure safe and correct use:

■ Safety precautions security considerations

- This equipment has been debugged and qualified before leaving the factory. Please do not change or disassemble the equipment without the permission of the relevant staff of the manufacturer. Otherwise, the manufacturer will not be held responsible for serious consequences.
- Fireworks are strictly prohibited during operation, and keep away from high temperature, high pressure, flammable and explosive places.



- Please do not use the lifting rod as a moving handle. If the adjusting screw is loose, please lock it in place.
- If leakage is found in hoses or other parts during operation, the air source must be turned off immediately, and then detailed inspection must be carried out to eliminate the fault.
- The air source pressure cannot be lower than or exceed the specified pressure to ensure the normal operation of the equipment.
- The temperature of the waste oil to be extracted is between 40~80°C, be careful of burns.
- Be careful to protect your eyes and hands during operation. (It is recommended to wear gloves and goggles)



- During operation, the engine must always be turned off.
- It is strictly prohibited to extract brake oil, gasoline, diesel and other liquids containing methanol and ketones or flammable liquids.
- After the equipment has pumped out the waste oil, drain the waste oil in the measuring cup into the oil storage tank in a timely manner.
- After the waste oil in the measuring cup is drained, there is no need to close the measuring cup drain valve.
- After the equipment work is completed, please drain the pressure inside the equipment and clean it to avoid improper operation equipment damage and personal injury caused.