



**Mrcartool®**

# Coolant Exchange Kit

## User Manual

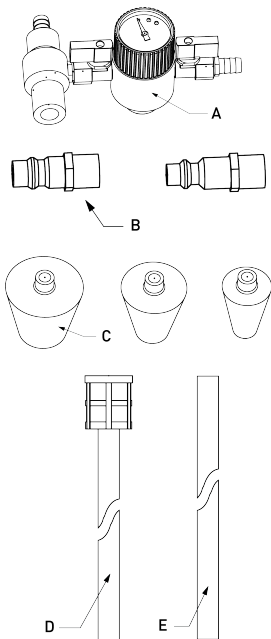
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### ► Technical Data

- Working pressure from 5,5 to 12,0 bar.
- Max air use 100 L/min at 6 bar.
- Air connection 1/4" F.
- Temperature from -20° to +50°C.
- Adapters: Ø 16 – 33 mm Ø 23 – 41 mm Ø 34 – 52 mm.
- Inlet Hose 1 meter.
- Outlet Hose 0.5 meter.

### ► Packing List



A: Main Unit

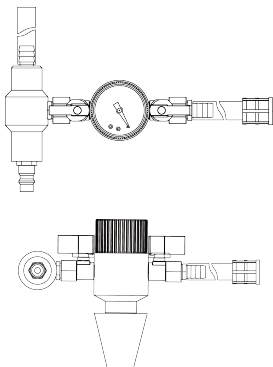
B: Male Coupler to shop air

C: Adapters

D: Inlet Hose

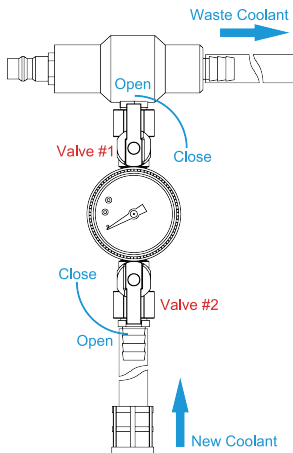
E: Outlet Hose

► **Assembly**



- Mount the proper Male Coupler onto the Main Unit at position the graph indicates.
- Mount the Inlet Hose and Outlet Hose to the unit at position the graph indicates.
- Select proper adapter and mount onto the unit at position the graph indicates.

► **Usage**



**The graph shows how the unit would be working.**

- Open valve #1 and close #2.
  - Fit the unit onto the coolant reservoir and hold it straight.
  - Introduce shop air to the unit from the male coupler. then the coolant system would be vacuumed. The pressure gauge would indicate the vacuum pressure.
- \* Note:** if there's any coolant remain in the coolant system, the coolant would be pushed out from the Outlet Hose.

- While the vacuum pressure reaches over  $-80\text{kpa}$  or becomes still, close valve #1 and disconnect the shop air.
- If the pressure gauge remain still, there's no leak in the system. Put the inlet hose into the new coolant bucket, Open valve #2 slowly, then the vacuum pressure would inhale the new coolant into the system.
- If the pressure gauge does not remain still, there's leak in the system. find the leak position and fix it, then redo the whole procedure.

### ► Special Note

This manual introduces the product in detail to the functional features, working parameters, structure, operation methods and principles. The company reserves the right to change the product design and specifications. the physical configuration shall prevail on the content of the product packaging.

### ► Warranty Service

There are 2 years' warranty for MRCAR-TOOL product main unit and 1 year warranty for the accessories since the day the customers have received the product parcel.

### ► Warranty Access

- Repair or replace the equipment will be done according to the specific fault conditions.
- We guarantee that all replacement parts, accessories or equipment are brand new.
- When there is a product breakdown that can not be solved within 90 days, customer should provide video and pictures as proof, we will bear the freight cost and provide customer the accessories in need to replace. After receiving the product for more than 90 days, the customer shall bear the freight cost, we will provide the accessory for free to replace.

### ► Not Covered Warranty

- Items that come through the unofficial MRCARTOOL purchase channel.
- Product failure is caused by incorrect use of the product, use for other wrong purpose or human factors.

# ***mrcartool***<sup>®</sup>

**SHENZHEN SHANGJIA TECH CO., LTD**

 [www.mrcartool.net](http://www.mrcartool.net)

 [aftersale@mrcartool.net](mailto:aftersale@mrcartool.net)

 +86-755-27807580

 Shenhua Innovation Park, Shenzhen, China



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