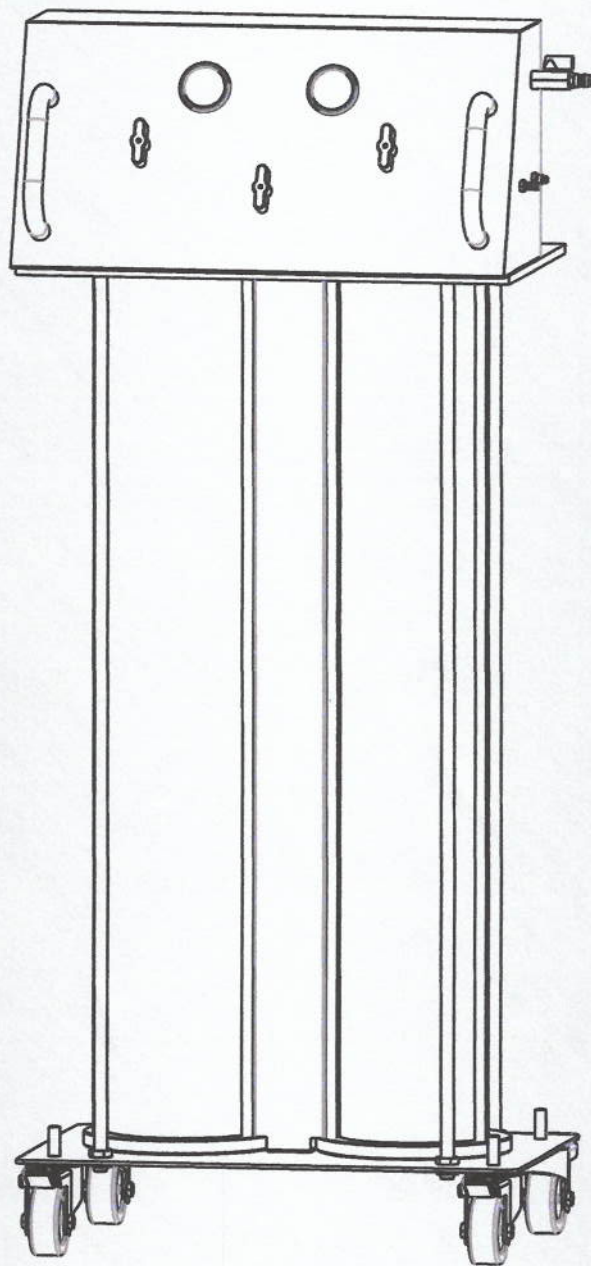


tektino

USER MANUAL

CCC-200

Coolant Exchanger



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Coolant Exchanger CCC-200

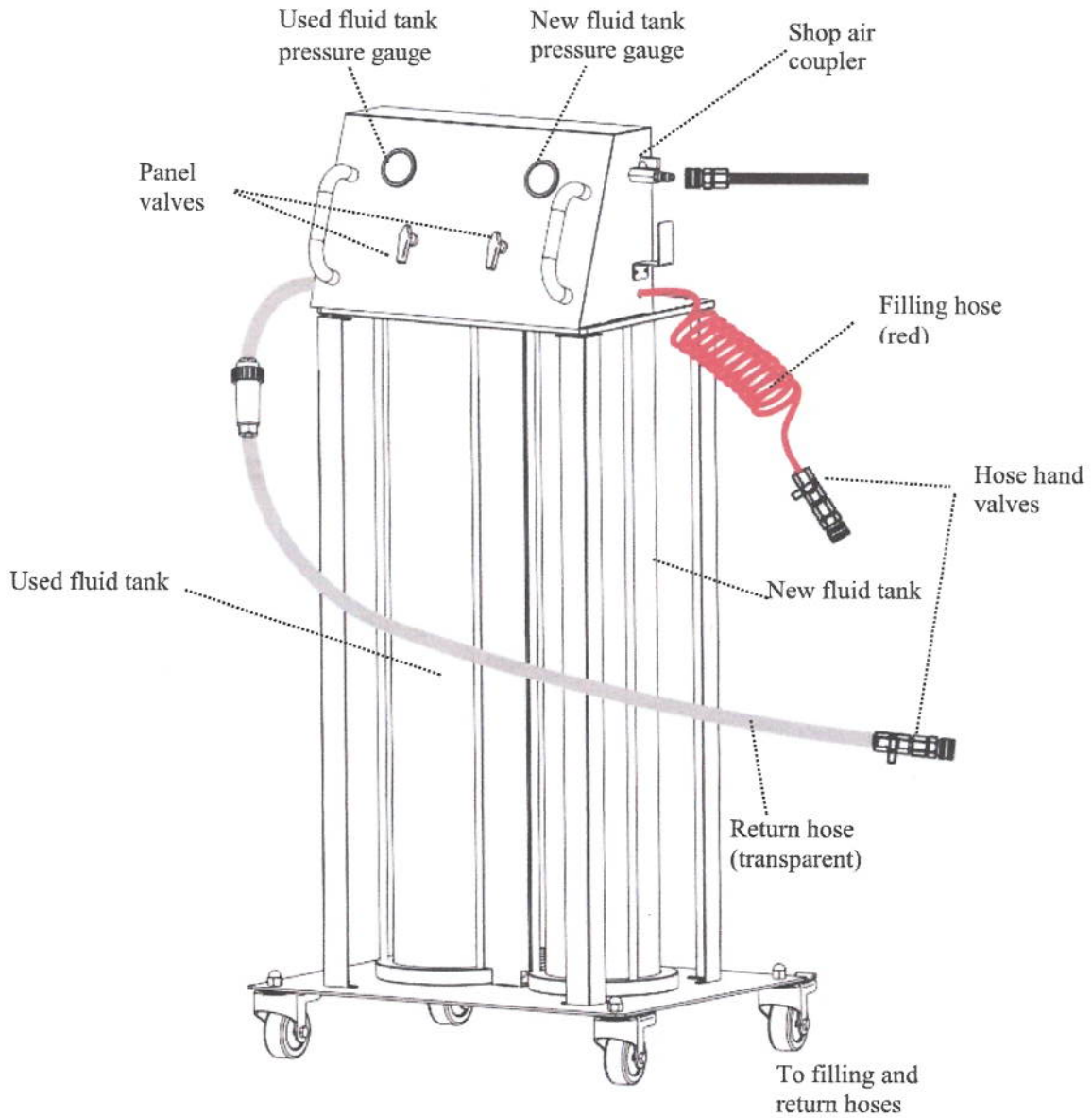
User Manual

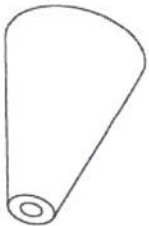


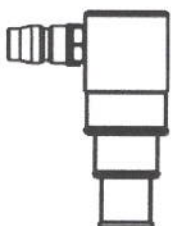


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Part description:



<p>Cone adapter for spout</p> 	<p>Deep hose (To cone adapter)</p> 	<p>Y adapter</p>  <p>To cone adapter</p>	<p>Step adapter</p> 
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4. Determine a proper coolant exchange method for the vehicle.

4.1 Non-disconnection exchange is more recommendable since it is quicker and more ambient-friendly. But unfortunately not all coolant system can be effected with non-dismantle exchange. The easy way to judge if a coolant system is suitable for non-disconnection exchange, is to check if the overflow tank's beneath hose position is exactly under the tank cap, to allow deep hose of cone adapter to reach to the beneath hose. As shown in the following picture:



4.2 Sample overflow tanks suitable for non-disconnection exchange (overflow tank's beneath hose position is exactly under the tank cap):



Sportage R, KIA



JETTA, VW

4.3 Sample overflow tanks not suitable for non-disconnection coolant exchange (overflow tank's beneath hose position is not under the tank cap):



Macan, PORSCHE



Edge, Ford

5. Close return hose valve, and open filling hose valve (Fig.8). New coolant will be sucked to the vehicle by negative pressure in vehicle. When proper coolant level is reached, turn all valves to OFF position;

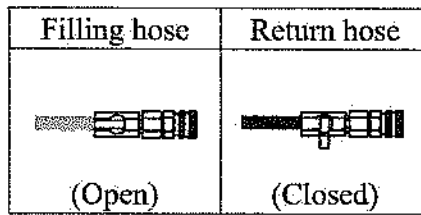


Fig. 8

6. Start the engine, and check coolant level. If coolant level drops, turn left panel valve "AIR FLOW" to "Pressurize" position, right panel valve "TANK" to "New" position (Fig.9), open filling hose valve (Fig.8), and then open shop air valve to add more new coolant to vehicle through overflow tank.

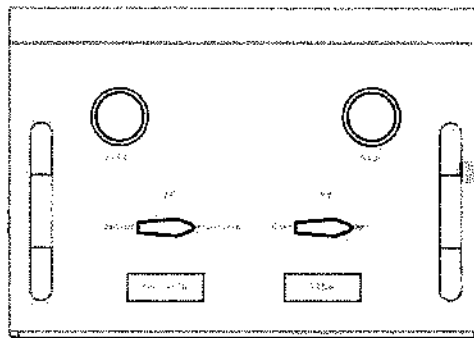


Fig.9

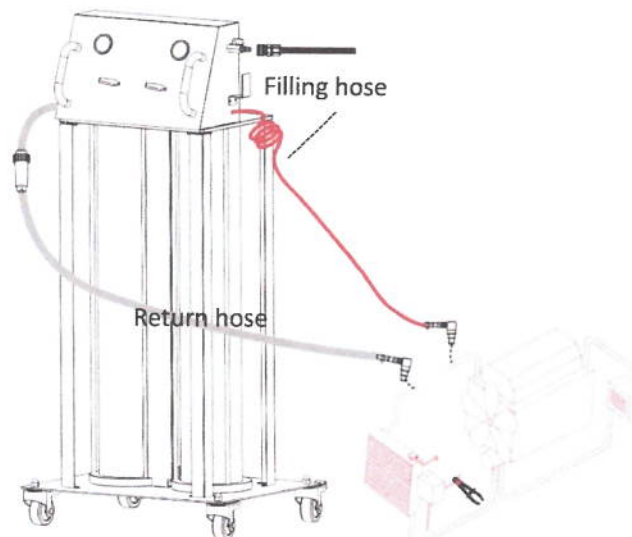


Fig.10

2. Turn left panel valve "AIR FLOW" to "Pressurize" position, right panel valve to "NEW" position (Fig.11). Open both valves in return hose and filling hose. Then open shop air valve, to start coolant exchange process (During the process you can turn left panel valve "AIR FLOW" to "Vacuum", and right panel valve "TANK" to "Used" to remove air bubble in coolant system.);

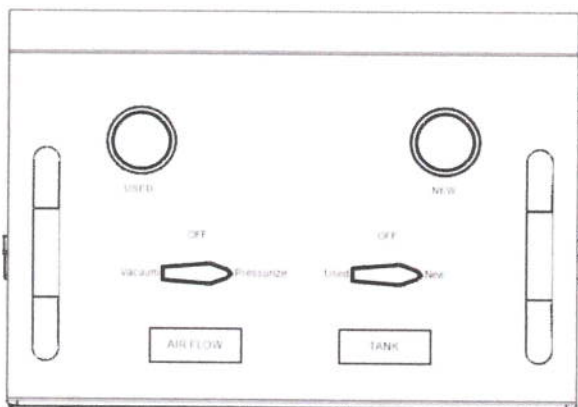


Fig.11

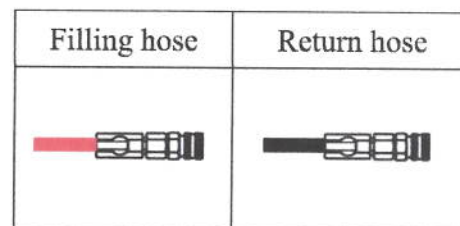


Fig.12

3. In equipment new coolant level decreases and the used coolant level increases (For some car model, if no used fluid come out during exchange process, reverse the hose connection: Connect return hose to engine side, and filling hose to radiator side). When fluid in used tank becomes transparent, turn all valves to OFF position to stop the exchange;

Remarks: you can close shop air to finish the exchange process with remaining pressure in new tank. This will avoid coolant spray when you remove step adapters after exchange.

4. Restore the pipelines of vehicle.

5. Start the engine, and check coolant level. If coolant level drops, turn left panel valve "AIR FLOW" to "Pressurize" position, right panel valve "TANK" to "New" position (Fig.9), open filling hose valve (Fig.8), and then open shop air valve to add more new coolant to vehicle through overflow tank.

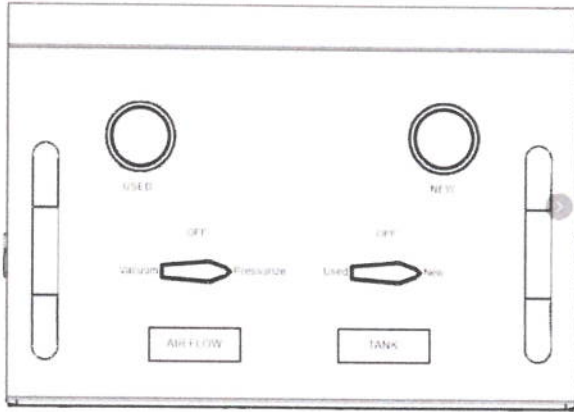


Fig.16

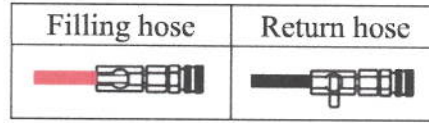


Fig.17

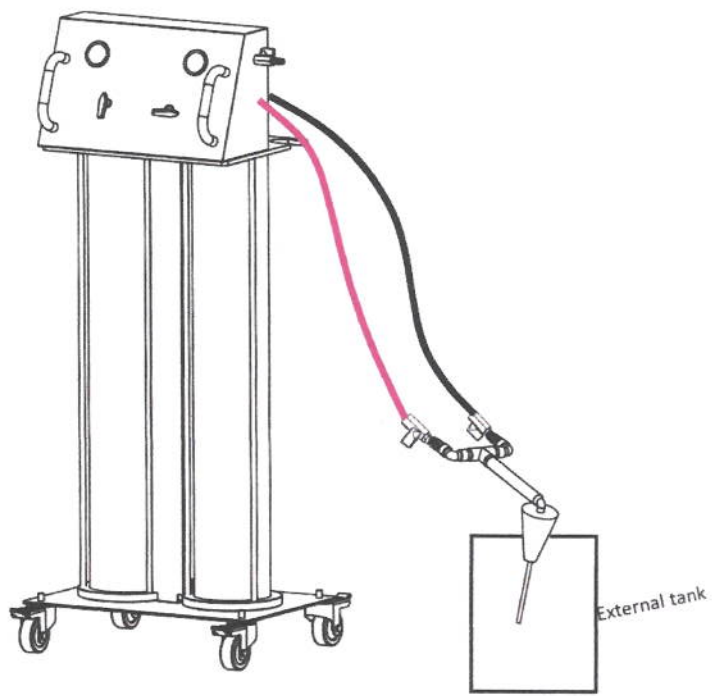


Fig.18

2. Restore all valves to initial OFF position after draining new tank.

CERTIFICATE

Serial Number	2023 07 07 137 B.
<p>The product has been manufactured, inspected, and tested according to the original design aspects, technical specifications, and process flows, and meets the Product Quality Standards of TEKTINO. The product has therefore been granted the permission to leave factory.</p>	
Manufacture Date	2023 YEAR 7 MONTH 17 DATE
Quality Inspector	(SEAL)

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