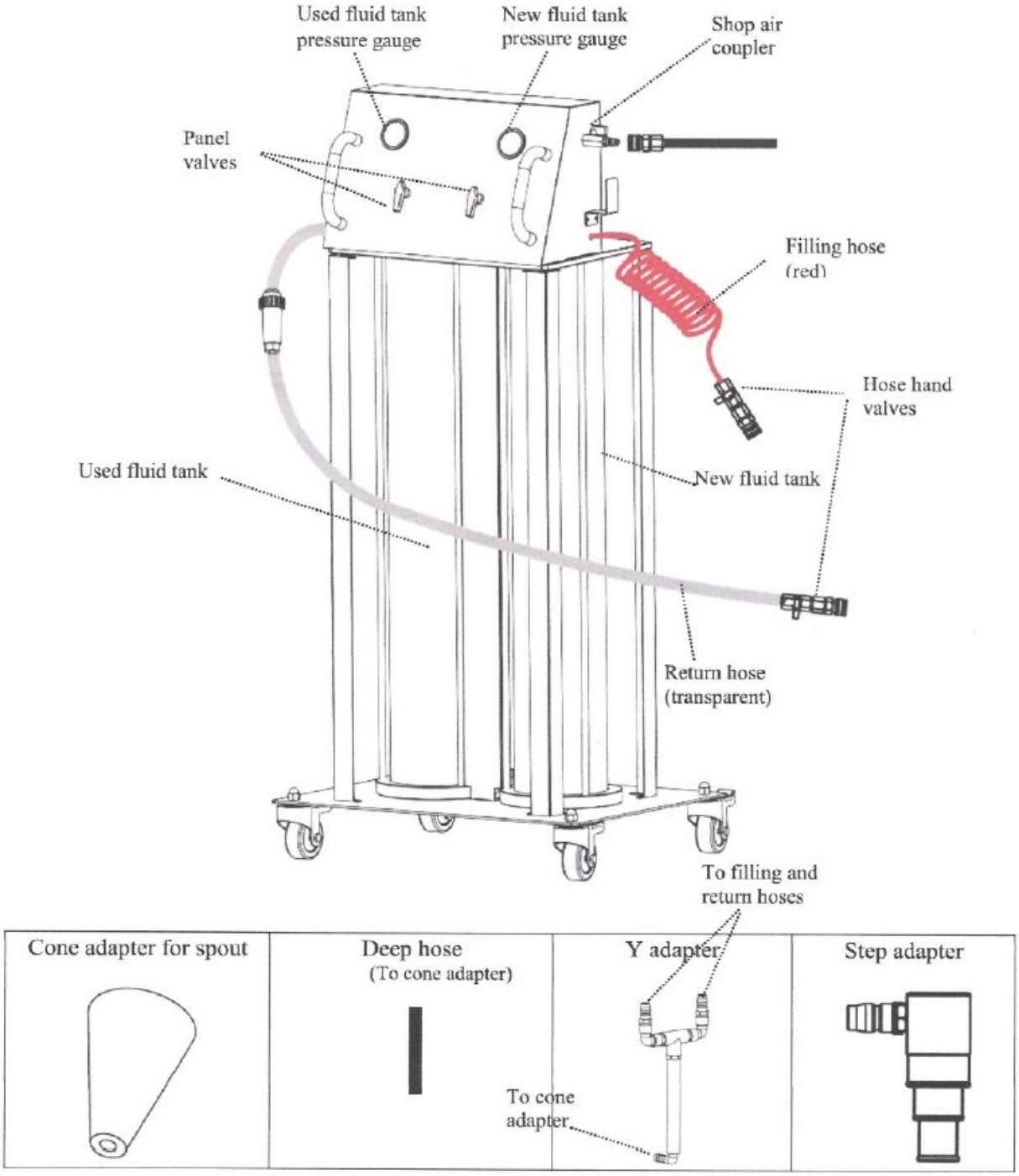
tektino CSFDD-1 Cooling System Filling Draining Device User Manual

Contents

tektino CSFDD-1 Cooling System Filling Draining Device

Part description



How To Use

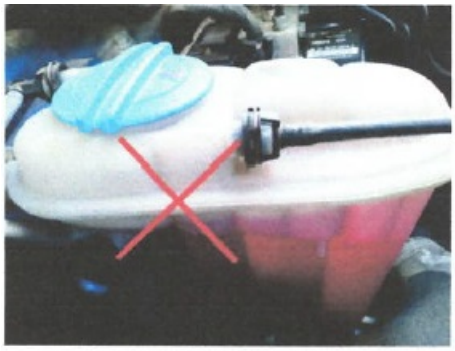
Determine a proper coolant exchange method for the vehicle.
Non-disconnection exchange is more recommendable since it is quicker and more ambient-friendly. Unfortunately, not all coolant systems can be affected by non-dismantle exchange. The easy way to judge if a coolant system is suitable for non-disconnection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

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

Sportage R, KIA

JETTA, VW

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



Macan,PORSCHE

Edge, Ford

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

Filling hose	Return hose
	
(Open)	(Closed)

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

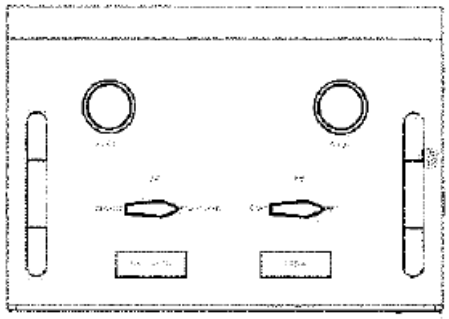


Fig.9

Connection

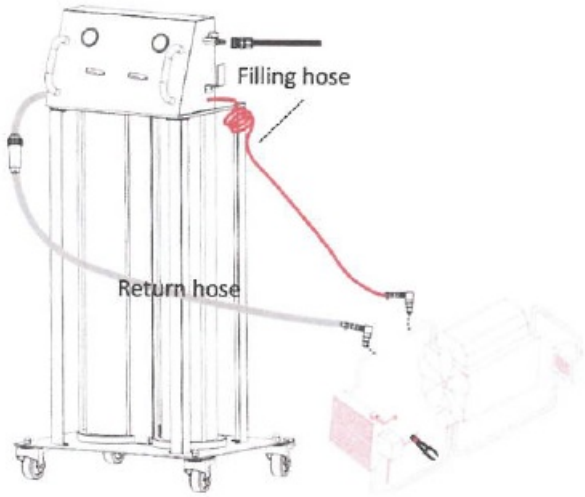


Fig.10

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

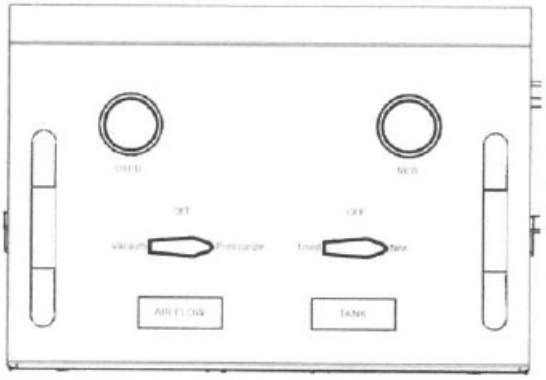


Fig.11

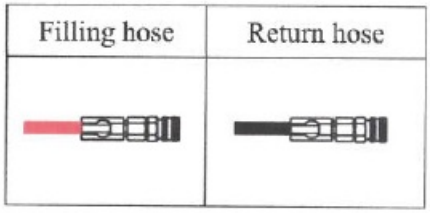


Fig.12

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

2. Restore the pipelines of vehicles.
3. Start the engine, and check the coolant level. If the coolant level drops, turn the left panel valve “AIR FLOW” to the “Pressuriz” position, the right panel valve “TANK” to the “New” position (Fig. 9), open the filling hose valve (Fig.8), and then open shop air valve to add more new coolant to the vehicle through overflow tank.

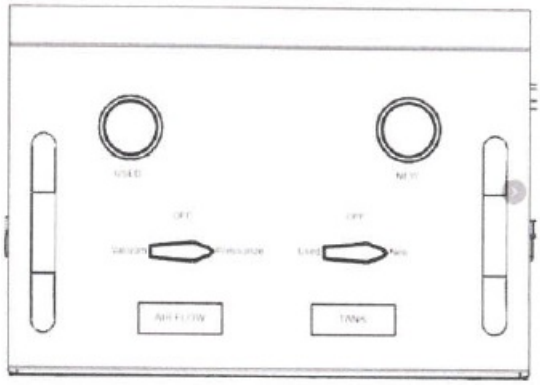


Fig.16

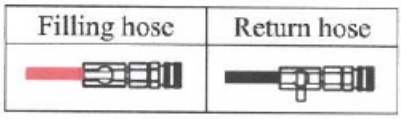


Fig.17

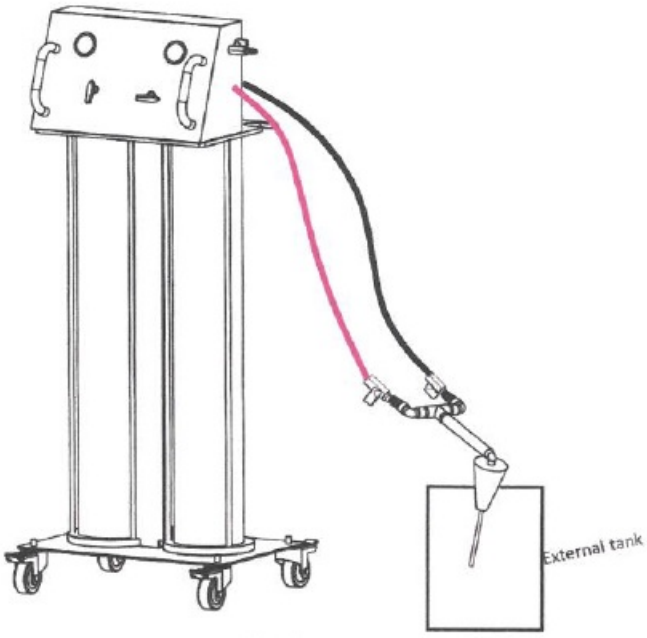


Fig.18

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

CERTIFICATE

Serial Number	20230707137B.	
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.		
Manufacture Date	2023 YEAR 7 MONTH 17 DATE	(SEAL)
Quality Inspector		

Documents / Resources

	tektino CSFDD-1 Cooling System Filling Draining Device [pdf] User Manual CSFDD-1 Cooling System Filling Draining Device, CSFDD-1, Cooling System Filling Draining Device, Filling Draining Device, Draining Device

References

- User Manual