Vacuum-type cooling system filler kit



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Operating instructions

Features

- Significantly shortens time for refilling new coolant by creating a vacuum in the cooling system.
- DNo need to undergo the time-consuming air bleeding
- Minimizes the risks of engine overheating

Caution

- Never change coolant when it is hot.
- Wear goggles and gloves during operation

Product Description

A. Gauge
B. Hook
C. Air Valve
D. Air Connector
E. Air Switch
F. Coolant Valve
G. Radiator Cap Connector
H. Coolant Hose Connector
I. Universal Radiator Adapter
J. Coolant Hose

Instruction

I. Create a vacuum

1. Drain coolant from the radiator.
2. Hook the gauge underneath the car's hood.
3. Connect an air line to Air Connector (D).
4. Connect the Universal Radiator Adapter (I) onto the radiator filler neck (as in Figure 1).



Fig. 1

5. Turn on the Air Switch (E) and Air Valve (C), while Coolant Valve (F) remains off, to create a vacuum in the cooling system (sa in Figure 2).
6. When the pressure falls into the range between -50 and -60 cmHg (-20 and -25 inHg), turn off the Air Valve (C) and then Air Switch (E).
7. Leave the gauge on the radiator for approximately 10 mins to check if there are leaks in the cooling system before refilling new coolant.

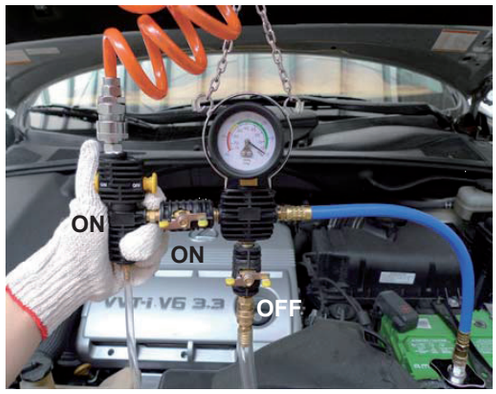


Fig. 2

II. Refill new coolant

8. Connect the Coolant Hose (J) to the Coolant Hose Connector (H).
9. Put the other end of the hose into a container filled with pre-mixed new coolant.
10. Turn on the Coolant Valve (F) (while the Air Valve (C) and Air Switch (E) remain off), coolant will be introduced into the radiator immediately (as in Figure 3).

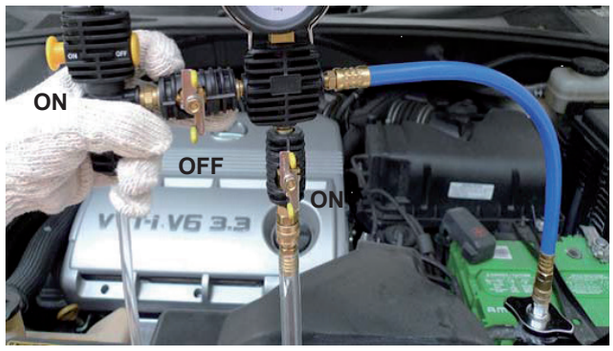


Fig. 3

11. The refilling process is completed when the gauge reads zero.
12. Before putting the gauge back to the case, remove the residual coolant in the gauge.