

COOLANT VACUUM PURGE

AND REFILL KIT INSTRUCTION MANUAL



CAUTION

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

PRODUCT DESCRIPTION

- A. Main body with a gauge [-30-0 inHg, -76-0cmHg]
- B. Vacuum venturi
- C. Three (3) rubber bushings (35mm OD, 39mm OD, 44mm OD)
- D. Coolant hose

INSTRUCTIONS

I. CREATE A VACUUM

- 1) Drain coolant from the radiator.
- 2) Select a suitably sized rubber bushing. Fit it to the lower part of the main body and connect it to the radiator fill neck. When tightening the screw on the main body the rubber bushing will be squeezed to fit securely on the filler neck.
- 3) Connect the vacuum pump to the main body.
- 4) Connect the airline to the top of the vacuum pump.
- 5) Open the valve to create a vacuum in the cooling system. When the gauge reading falls into the range between -19 to -24inHg (-50 to -60cmHg), turn off the valve.

II. REFILL COOLANT

- 6) Disconnect the airline and the vacuum venturi.
- 7) Connect the coolant hose to the quick coupler.
- 8) Put the hose into a container filled with pre-mixed coolant. Make sure there is a sufficient amount of coolant to be refilled into the cooling system. It is important to keep the coolant hose end submerged in coolant. If air gets sucked into the system, the bleed procedure may need to be repeated.
- 9) Turn on the valve and the coolant will flow into the radiator. The refilling process is done when the gauge reads zero. Verify the cooling system has the proper level of coolant.
- 10) Disconnect the airline and hose. Clean all the residual coolant in the device before storage.

PUSH THE LIMITS



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