

COOLANT VACUUM PURGE

AND REFILL KIT INSTRUCTION MANUAL



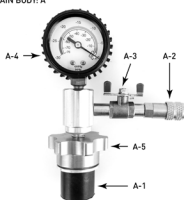
CAUTION

- 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

MAIN BODY: A



VACUUM PUMP VENTURI: B



COOLANT HOSE: D



INSTRUCTIONS

I. CREATE A VACUUM

- 1) Drain coolant from the radiator.
- 2) Select a suitably sized rubber adapter bushing. Fit it to the lower part of the main body (A-1) and connect it to the radiator fill neck or expansion tank. When tightening the screw (A-5) on the main body the rubber adapter bushing will be squeezed to fit securely on the filler neck (A-1).
- 3) Locate the overflow port on the radiator filler neck or expansion tank. Ensure the rubber adapter bushing is completely covering the overflow hole. *If the bushing is unable to cover the hole for your application, you will need to plug or cap the hole externally before continuing.*
- 4) Connect the vacuum pump (B-1) to the main body (A-2).
- 5) Connect the airline to the vacuum pump (B-2).
- 6) Open the ball valve (A-3) to create a vacuum in the cooling system. When the gauge (A-4) reading falls into the yellow range between -19 to -24inHG (-50 to -60cmHG), close the ball valve (A-3).

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PUSH THE LIMITS



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II. REFILL COOLANT

7) Disconnect the airline (B-2) and vacuum pump (B-1).

8) Connect the coolant hose (D-2) to the quick coupler (A-2)

9) Put the other end of the coolant hose (D-1) into a container filled with pre-mixed coolant. Make sure there is enough coolant to be refilled into the cooling system. It is important to keep the coolant hose end (D-1) submerged in coolant. If air gets sucked into the system, the bleeding procedure may need to be repeated.

10) Open the ball valve (A-3) and the coolant will flow to the radiator. The refilling process is done when the gauge reads zero. Verify the cooling system has the proper level of coolant.

11) Disconnect the hose (D-2). Clean all the residual coolant in the device before storage.

PUSH THE LIMITS



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Instruction Manual | **SKU:** MMTL-COOL-PR | Coolant Vacuum Purge and Refill Tool Kit