

Service Bulletin

Bulletin No. 03-07
April 30, 2007

To: ITW Ransburg and ITW Automotive Finishing Distributors
Subject: RMA-303 Indirect Charge & MMA-303 Valve Extraction Tool

A new tool has been designed to replace the two existing tools supplied with the RMA-303 Indirect Charge and the MMA-303 Rotary Atomizers. Both of these applicators have MicroValves installed in their manifolds that are below the manifold exterior surface.

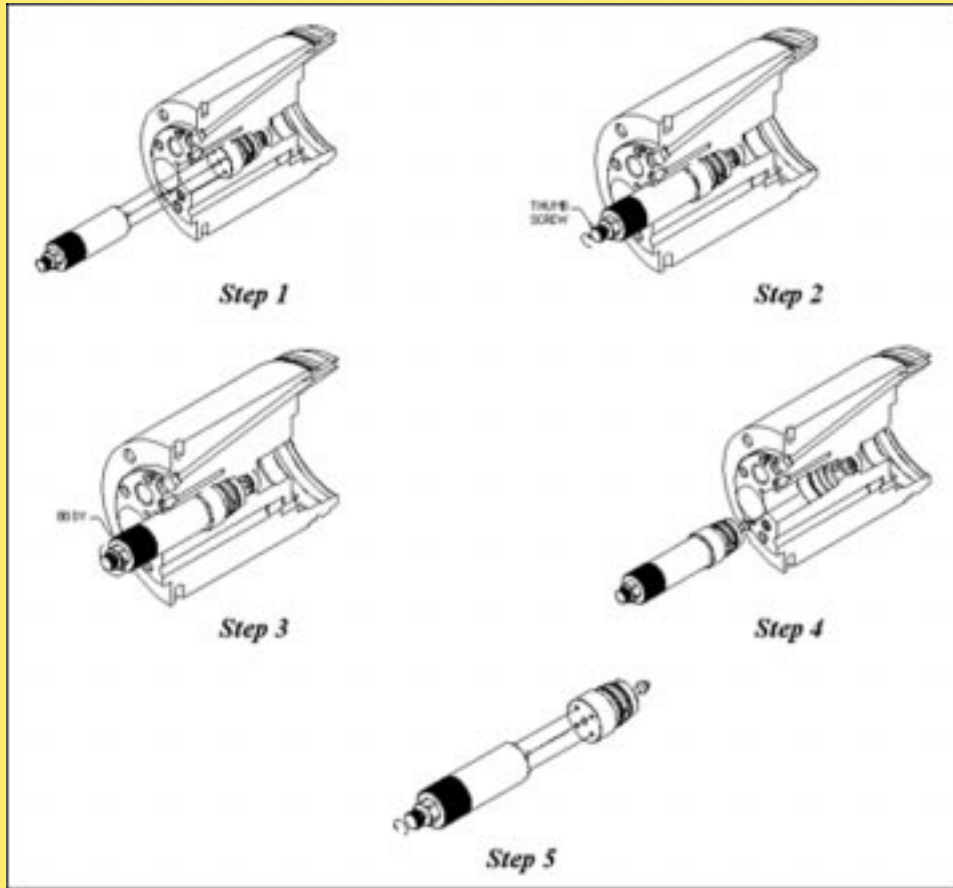
The new tool allows these valves to be loosened and extracted with one tool. The part number for this new tool is P/N A11922-00. It will be included in lieu of part numbers A11569-00 and A10756-00 in the RMA-303 Indirect Charge and MMA-303 Rotary Atomizer assemblies and will also be available for separate sales. Figure 1 below shows all three tools.

The old Valve Extraction Tool (P/N A11569-00) will become obsolete; however, the Valve Removal Tool (A10756-00) will still be available as it is included with the RMA-303 Direct Charge Rotary Atomizer and the MCV Color Stacks.



The following steps show the procedure for using the new tool. The Manifold is shown cut away for clarity only.

- Step 1 Insert the four (4) pins of the tool into the corresponding holes in the top of the valve.
- Step 2 Turn the thumb screw clockwise 1.5 - 2 turns to thread the screw into the top of the valve.
- Step 3 Turn the body of the tool counter-clockwise to loosen the valve. Use a wrench or socket on the hex portion of the body if necessary.
- Step 4 Remove the tool and valve from the Manifold.
- Step 5 Turn the thumb screw counter-clockwise until the threaded end is disengaged from the valve and slide the valve off the tool.



To install the valve, reverse steps 1 – 5 with the following additions / changes:
Step 5 It is not necessary to thread the thumb screw into the valve for installation.
Step 3 Use the appropriate socket and a torque wrench to tighten the valve into the manifold to a final torque of 15-20 lbs•in.