

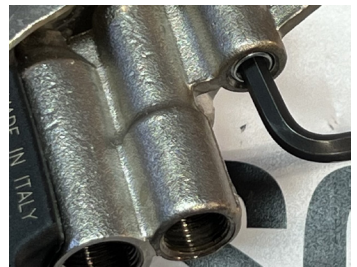
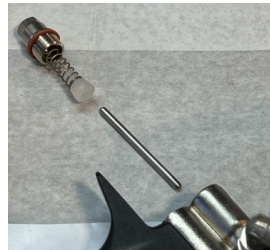
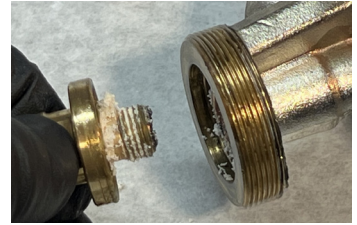
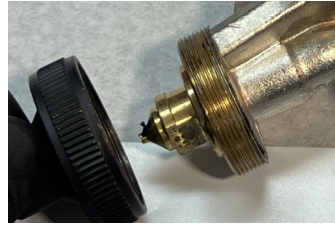
Fusor[®] 312 Applicator

Disassembly and Cleaning Instructions



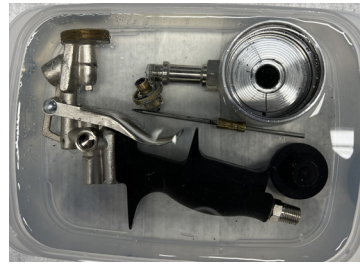
DISASSEMBLE

1. Unscrew spray cap, counterclockwise.
2. Unscrew nozzle, counterclockwise, using a 11mm wrench.
3. Remove needle, spring, and ball bearing using thumb screw located at back.
4. Remove trigger pin kit using a 11mm wrench.
5. Remove the hose (compression fittings).
6. Unscrew revolving L-fitting using a 13mm wrench.
7. Unscrew the air knob located on left side.
8. Unscrew airflow plug using a 5mm allen wrench.
9. Unscrew small plug from back using a 4mm allen wrench.
10. Remove top cap and tube fitting kit using a 15/16" wrench. **Remove all O-rings. Do not soak in acetone.**

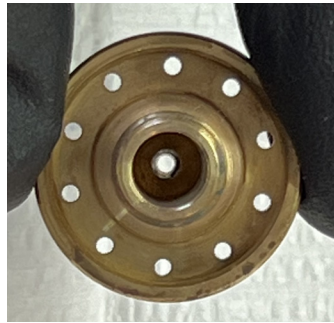


CLEANING

11. Soak overnight in acetone or MEK (Methyl Ethyl Ketone).
12. Use pipe cleaners and acid brushes to thoroughly clean all surfaces and passages.



13. Use paint sprayer cleaning tools to thoroughly clean the nozzle, ensuring all air holes are clean and clear.
14. A drill bit ($13/64$ "") can be used at low RPM to clean out the neck of the tube fitting kit.



15. A pressurized pump sprayer can be used to spray internal parts.
16. Use compressed air to help remove small pieces and to ensure the black air tube is clear.

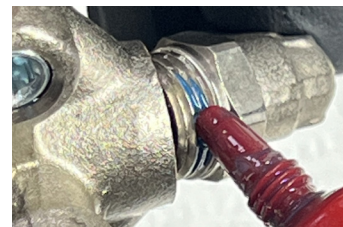


ASSEMBLY

17. Replace nozzle using a 11mm wrench, ensuring a snug fit. Do not over-tighten. Replace air cap.



18. Replace the small plug in the back of the applicator using blue threadlocker and a 4mm allen wrench.



19. Replace the revolving L-fitting using blue threadlocker and a 13mm wrench. Replace the hose (compression fitting).



20. Replace needle, spring and ball bearing using thumb screw at back. Use paint spray lubricant on the needle.

21. Replace trigger pin kit using a 11mm wrench. Use paint spray lubricant on the pin.

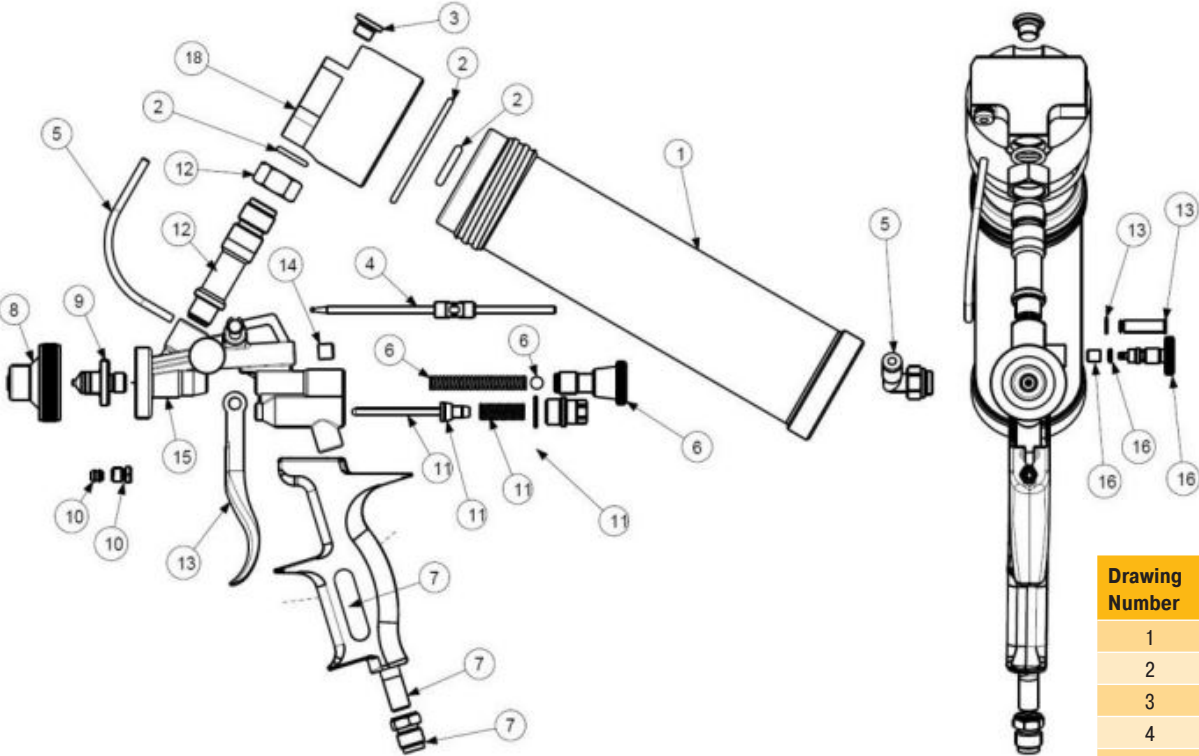
22. Re-install O-rings in the top cap.

23. Replace top cap and tube fitting kit using blue threadlocker and a 15/16" wrench.

24. Replace airflow plug using a 5mm allen wrench.



FUSOR 312 APPLICATOR EXPLODED VIEW AND PARTS LIST



Drawing Number	Description
1	Tube Kit
2	O-Ring Kit
3	Air Flow Plug
4	Complete Needle
5	Revolving L-Fitting
6	Needle Regulator Kit
7	Handle Kit
8	Spray Cap, 1.6
9	Nozzle, 1.6
10	Needle Packing Kit
11	Trigger Pin Kit
12	Tube Fitting Kit
13	Trigger Kit
14	Small Plug
15	Gun Body
16	Air Regulator Kit
17	Extrusion Kit
18	Top Cap

Parker Lord
Engineered Materials Group
111 LORD Drive
Cary, NC 27511-7923
USA
phone +1 877 275 5673

Values stated in this document represent typical values as not all tests are run on each lot of material produced. For formalized product specifications for specific product end uses, contact the Customer Support Center.

Information provided herein is based upon tests believed to be reliable. In as much as Parker Lord has no control over the manner in which others may use this information, it does not guarantee the results to be obtained. In addition, Parker Lord does not guarantee the performance of the product or the results obtained from the use of the product or this information where the product has been repackaged by any third party, including but not limited to any product end-user. Nor does the company make any express or implied warranty of merchantability or fitness for a particular purpose concerning the effects or results of such use.

WARNING — USER RESPONSIBILITY. FAILURE OR IMPROPER SELECTION OR IMPROPER USE OF THE PRODUCTS DESCRIBED HEREIN OR RELATED ITEMS CAN CAUSE DEATH, PERSONAL INJURY AND PROPERTY DAMAGE.

This document and other information from Parker-Hannifin Corporation, its subsidiaries and authorized distributors provide product or system options for further investigation by users having technical expertise.

The user, through its own analysis and testing, is solely responsible for making the final selection of the system and components and assuring that all performance, endurance, maintenance, safety and warning requirements of the application are met. The user must analyze all aspects of the application, follow applicable industry standards, and follow the information concerning the product in the current product catalog and in any other materials provided from Parker or its subsidiaries or authorized distributors.

To the extent that Parker or its subsidiaries or authorized distributors provide component or system options based upon data or specifications provided by the user, the user is responsible for determining that such data and specifications are suitable and sufficient for all applications and reasonably foreseeable uses of the components or systems.

