

OPERATOR'S MANUAL

67358

INCLUDING: SERVICE KIT, PARTS LIST, DISASSEMBLY & REASSEMBLY
ALSO INCLUDE: Safety Precautions (pn 97999-540).

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REVISED:
(REV. 01)

HIGH PRESSURE CONTROL HANDLE

FOR AIRLESS SPRAY COATING OR EXTRUSION



**READ THIS MANUAL CAREFULLY BEFORE INSTALLING,
OPERATING OR SERVICING THIS EQUIPMENT.**

It is the responsibility of the employer to place this information in the hands of the operator. Keep for future reference.

SERVICE KITS

- Use only genuine ARO® replacement parts to assure compatible pressure rating and longest service life.
- 637410 for general repair.

GENERAL DESCRIPTION

The ARO High Pressure Control Handle is designed for airless spray of coating materials or the dispensing of heavy flowable materials such as sound deadeners, mastics and adhesives in an extrusion application. It passes material at line pressure in a continuous flow up to 7500 p.s.i. The hose connection has a female 3/8 - 18 N.P.T.F. thread. The gun body is made of aluminum and the ball and valve seat are made of tungsten carbide.

OPERATING INSTRUCTIONS

The control handle will continue to pass material as long as the (15) lever is squeezed enough to lift the (5) ball off the (6) ball seat.

OPERATING AND SAFETY PRECAUTIONS

⚠ WARNING HIGH PRESSURE DEVICE.

- Improper usage of equipment could result in serious injury. The possibility of injection into the flesh is a potential hazard.
- Never allow any part of the human body to come in front of, or in direct contact with, the material outlet.
- Injection injuries can be serious. If an injection occurs, contact a qualified physician immediately for treatment.
- DO NOT EXCEED maximum working pressure of 7500 p.s.i. (517.2 bar).
- Be sure trigger is locked when control handle is not in use.
- Be certain all hose connections are secure, material hose is in safe working condition and is rated for the maximum pressure the material pump can produce.
- All accessories connected to the control handle, or involved in the pumping system, must be pressure rated to the maximum system limits.
- DO NOT USE III.-Trichloroethane, Methylene Chloride or other Halogenated Hydrocarbon solvents with this control handle. This product contains aluminum, which may react with the solvent and explode.
- Consult your material supplier for compatibility with aluminum.



Figure 1

PARTS LIST

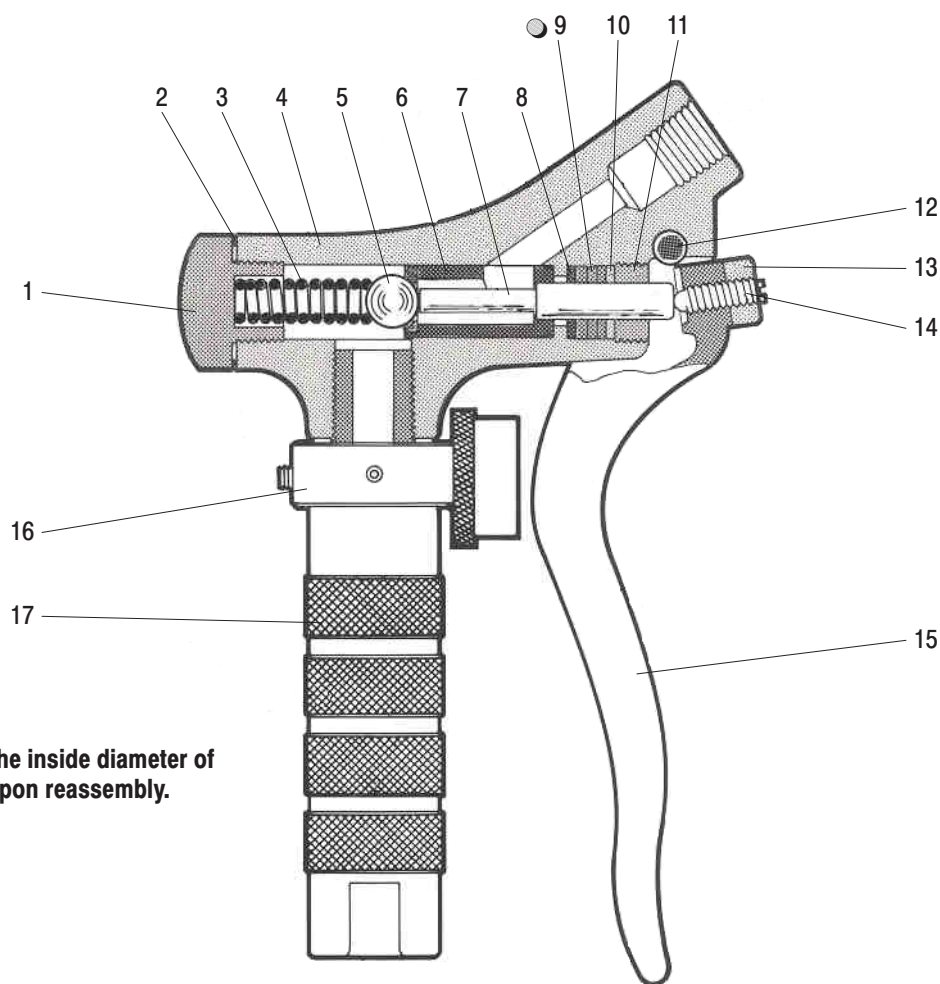


Figure 2

Item	Description	Qty	Part No.
1	Nut	(1)	90395
✓ 2	Gasket	(2)	F21-23
✓ 3	Spring	(1)	76948
4	Body & Bushing Assembly	(1)	65752
✓ 5	Ball	(1)	90399
✓ 6	Valve & Ball Seat Insert Assembly	(1)	65732
✓ 7	Piston Assembly	(1)	65896
8	Washer	(1)	F15-64
✓ 9	Packing	(3)	90565
10	Washer	(1)	F174-9
11	Retainer	(1)	76886
12	Pin	(1)	2487
13	Nut	(1)	Y11-104-C
✓ 14	Set Screw	(1)	2484
15	Lever	(1)	2661
16	Trigger Lock Assembly	(1)	66534
17	Handle	(1)	4880
✓	Items included in Service Kit		637410

SERVICE INSTRUCTIONS

For adjustments of the control handle, the following procedure will help.

1. To take slack out of the (15) lever, adjust (14) set screw.
 - a. Loosen (13) nut.
 - b. Adjust (14) set screw to obtain desired play or slack.
 - c. Tighten (13) nut.
2. Should material leak from the lever end of the control handle, remove (15) lever and tighten (11) retainer. If this does not stop the leak, remove (11) retainer and replace three (9) packings.
3. Should you not be able to stop the flow of material from the spray gun, the (5) ball is probably not seating properly into the (6) ball seat. The ball should be removed and inspected for dirt or nicks, also inspect ball seat for dirt or nicks. If the ball or ball seat are damaged, they should be replaced. It is recommended that the (6) ball seat be replaced by an ARO service center.
4. To replace (6) ball seat:
 - a. Once packings have been removed, use a clean, deburred rod thru the front of the (4) bushing assembly to carefully drive (6) ball seat out.
 - b. To reinstall new (6) ball seat, place its chamfered end into (4) bushing assembly while being careful to orient material passage hole toward material outlet. Use a clean, deburred 1/2" rod to push (6) ball seat into (4) bushing assembly to a depth of at least 1-1/4".