OPERATOR'S MANUAL 65748

INCLUDING: OPERATION, INSTALLATION & MAINTENANCE
ALSO INCLUDE FORM 772-2 SAFETY PRECAUTIONS

RELEASED: 2–15–83
REVISED: 10–8–93
(REV.B) **IPP/PSE**

HIGH PRESSURE CONTROL HANDLE

FOR AIRLESS SPRAY COATING OR EXTRUSION

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

SERVICE KIT

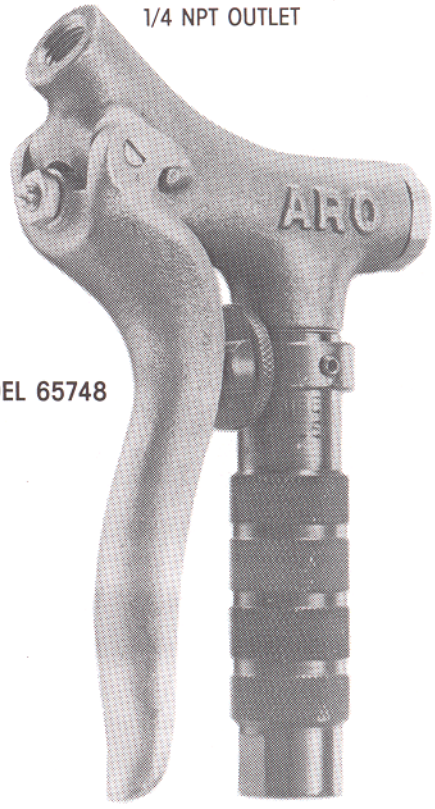
- Use Service Kit 61240 for general repair.

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 PSI. The hose connection has a 3/8" female pipe thread. The gun body is made of aluminum and the ball an d 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 ball valve off the valve seat.



MODEL 65748

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 BAR).**
- **BE SURE TRIGGER IS LOCKED WHEN GUN 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. MATERIALS CONTAINING HALOGENATED HYDROCARBON SOLVENTS SHOULD NOT BE USED.
- CONSULT YOUR MATERIAL SUPPLIER FOR COMPATIBILITY WITH ALUMINUM.

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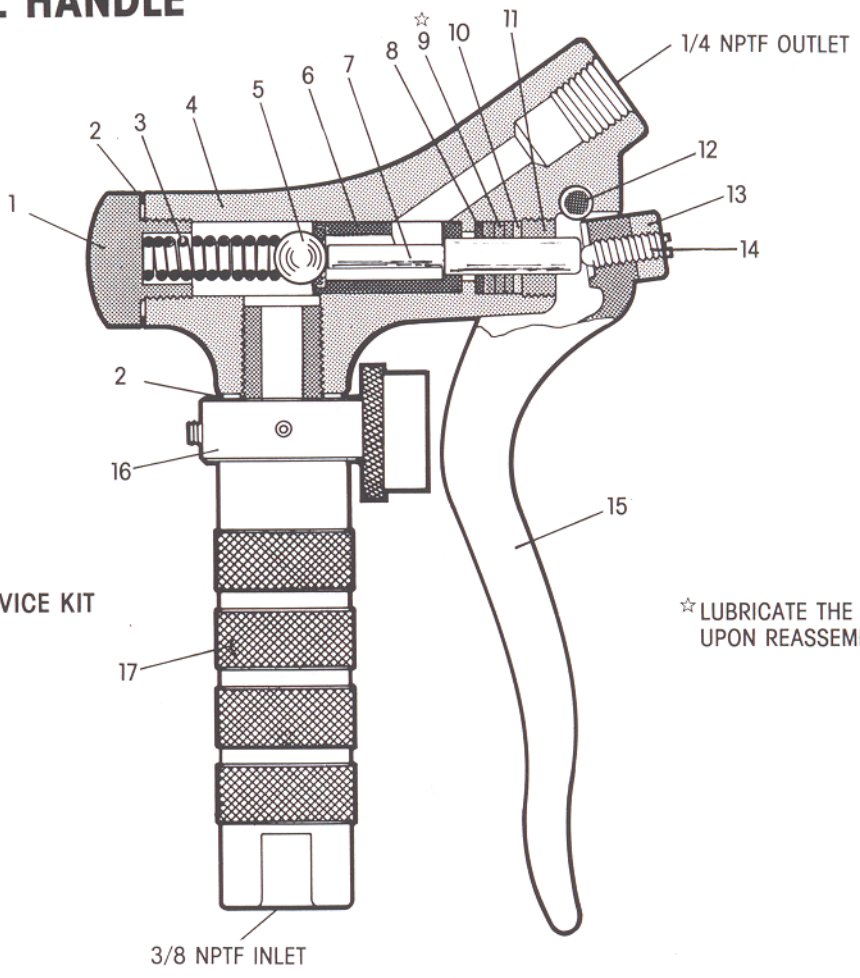
65748 CONTROL HANDLE



✓ PARTS SO MARKED ARE INCLUDED IN 61240 SERVICE KIT

☆ LUBRICATE THE I.D. OF PACKINGS UPON REASSEMBLY

PARTS LIST

REF.	DESCRIPTION	(QTY)	PART
1	NUT		90395
✓ 2	GASKET	(2)	F21-23
✓ 3	SPRING		76948
4	BODY & BUSHING ASS'Y		65752
✓ 5	BALL		90399
✓ 6	INSERT & BALL SEAT ASS'Y		65732
✓ 7	PISTON		65896
8	WASHER		F15-64
✓ 9	PACKING	(3)	F26-35
10	WASHER		F174-9
11	RETAINER		76886

REF.	DESCRIPTION	(QTY)	PART
12	PIN		2487
13	NUT		Y11-104-C
14	SET SCREW		2484
15	LEVER		2661
16	TRIGGER LOCK ASS'Y		66534
17	HANDLE		4880

SERVICE INSTRUCTIONS

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

1. To take slack out of the handle, adjust (14) set screw.
   a. Loosen nut (13).
   b. Adjust set screw (14) to obtain desired play or slack.
   c. Tighten nut (13).
2. Should material leak from lever end of gun, remove lever and tighten (11) retainer. If this does not stop leak, remove retainer and replace three (9) packings.
3. Should you be able to stop flow of material from 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) insert:
   __Once packings have been removed use a clean, deburred rod through the front of the (4) bushing assy to carefully drive (6) insert out.
   __To reinstall new (6) insert, place its chamfered end into (4) bushing assy while being careful to orient material passage hole toward material outlet. Use a clean, deburred 1/2" rod to bush (6) insert into (4) bushing to a depth of at least 1-1/4".