

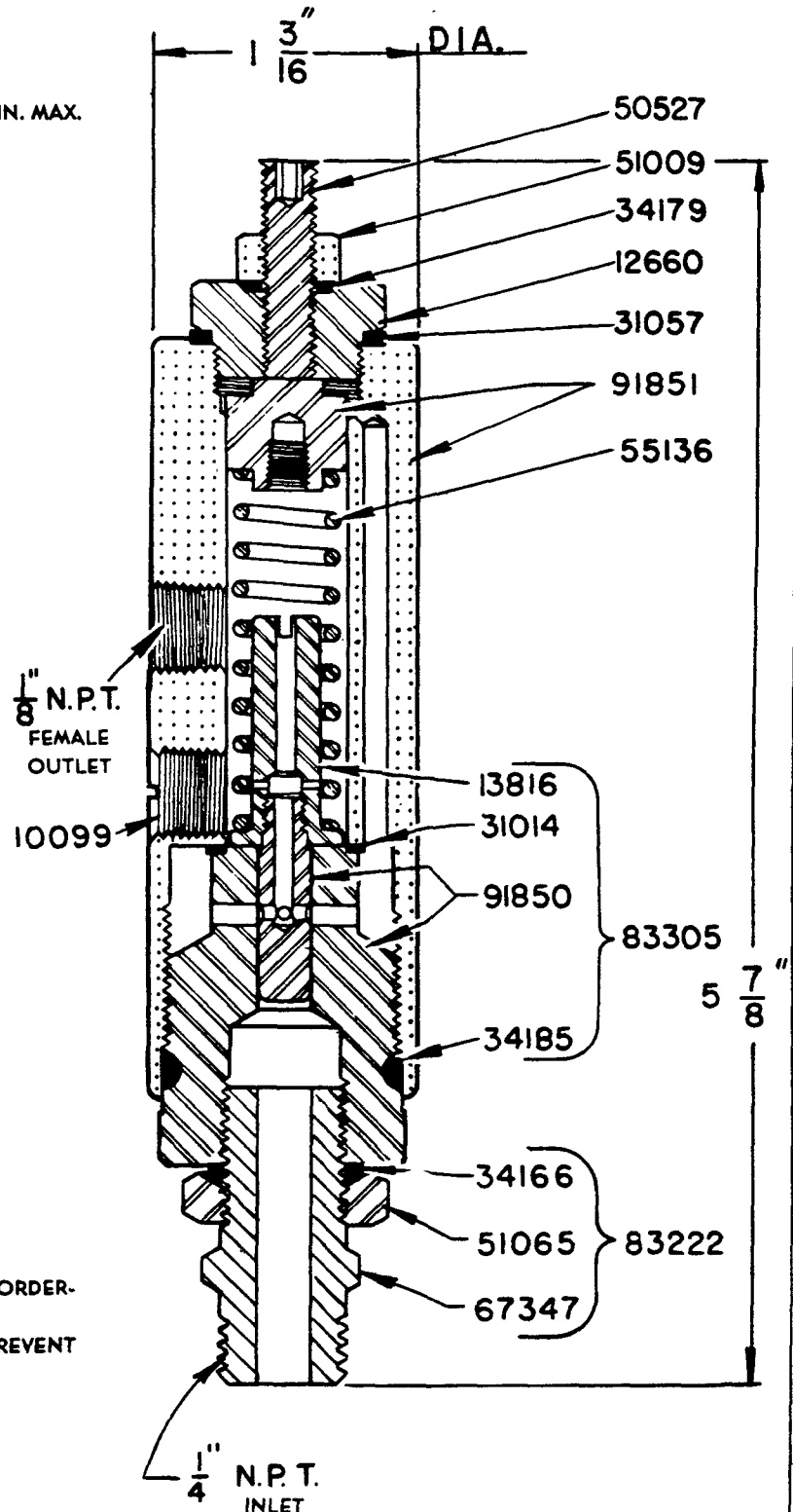
EJECTOR ASSEMBLY

SPECIFICATIONS

FOR DISPENSING MATERIALS:
ADJUSTABLE FROM .008 CU. IN. MIN. UP TO .08 CU. IN. MAX.
OPERATING PRESSURE RANGE:
1850 P.S.I. MINIMUM
2500 P.S.I. NORMAL
3500 P.S.I. MAXIMUM
600 P.S.I. MAXIMUM VENT PRESSURE

REPAIR PARTS LIST

| PART NO. | DESCRIPTION |
|----------|-------------------------|
| 10099 | BODY PLUG |
| 12660 | PISTON STOP |
| 13816 | SPRING SEAT |
| 31014 | GASKET |
| 31057 | GASKET |
| 34166 | O-RING |
| 34179 | O-RING |
| 34185 | O-RING |
| 50527 | SET SCREW |
| 51009 | HEX. NUT |
| 51065 | HEX. JAM NUT |
| 55136 | SPRING |
| 67347 | NIPPLE |
| 83222 | NIPPLE ASSEMBLY |
| 83305 | BUSHING & PLUNGER KIT |
| 91850 | BUSHING & PLUNGER ASSM. |
| 91851 | EJECTOR & PISTON ASSM. |



IMPORTANT: RETAIN THIS SERVICE SHEET FOR ORDERING REPAIR PARTS.
ORDER BY PART NUMBER TO PREVENT ERRORS.



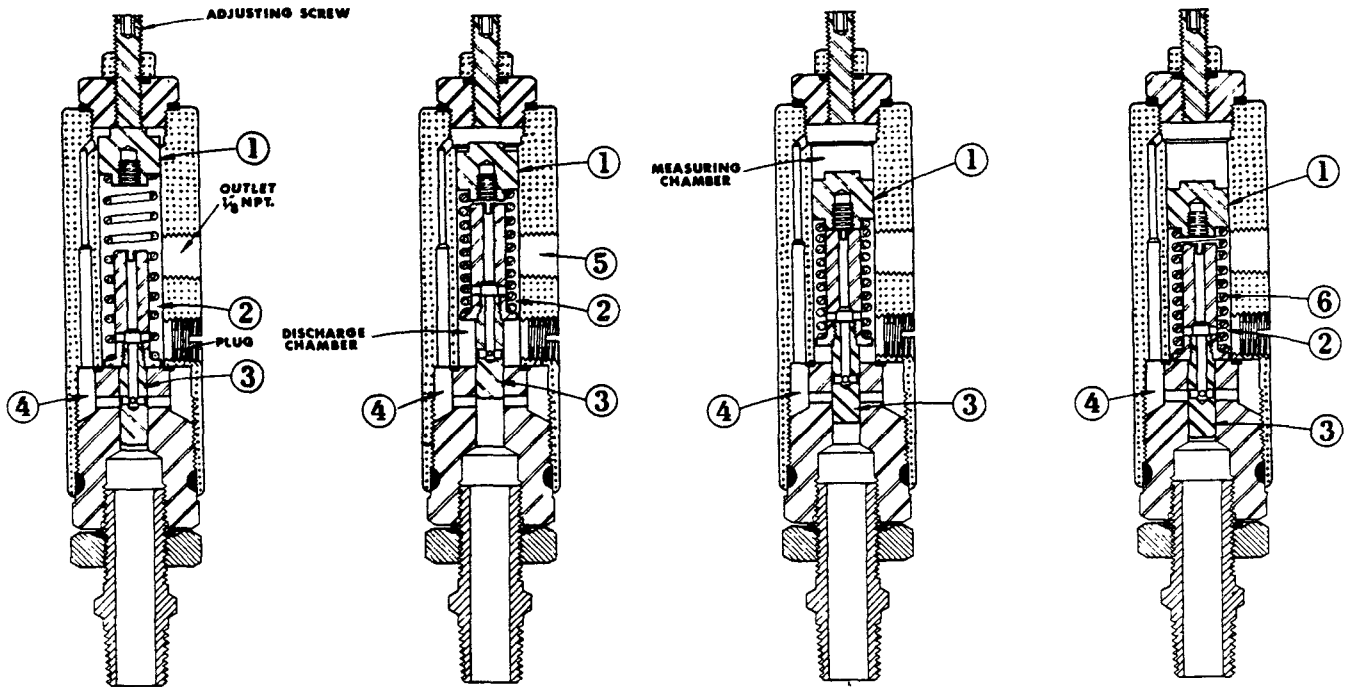
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OPERATING INSTRUCTIONS

Adjusting screw permits manual adjustment of material discharge from Ejector. Material is discharged from the Ejector by the action on the piston of the full pressure of the material in the supply line. The piston spring serves only to return the piston to its normal position.



STAGE 1

1. Piston (1) at rest in normal position.
2. Discharge Chamber (2) filled with material from previous cycle (not under pressure).
3. Slide Valve (3) about to open under pressure of material and uncover passage (4) leading to measuring chamber.

STAGE 2

1. Slide Valve (3) has now uncovered passage (4) admitting material.
2. Material, under pressure, forces piston (1) down and loads measuring chamber.
3. Piston (1) forces material from discharge chamber (2) through outlet port (5).

STAGE 3

1. Piston (1) has completed full stroke, cutting off flow of material.
2. Piston and Slide Valve remain in this position until material pressure in the supply line is relieved by the vent valve.

STAGE 4

1. Material pressure in the supply line has now been relieved by the vent valve.
2. Spring (6) expands causing Slide Valve (3) to move to the extreme down position so that passage (4) and discharge chamber (2) are connected through valve port.
3. Spring (6) causes piston (1) to move to up position forcing material from measuring chamber through passage (4) to refill discharge chamber (2).

NOTE: BUILDUP OF PRESSURE AND VENT OCCUR TO MAKE THE EJECTOR OPERATE.