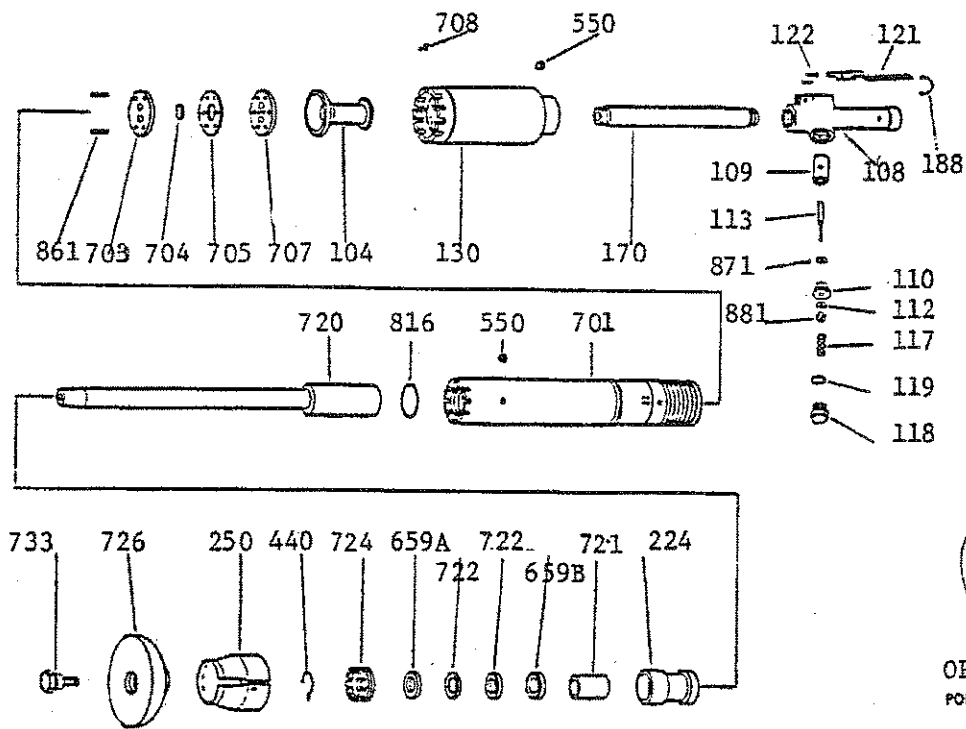


| Machine Name | | | |
|---------------------|------------------------------|----------|--|
| F-5 BACKFILL TAMPER | | | |
| Part No. | Description | Code No. | |
| R-10104 | Bushing | 104 | |
| R-6108 | Throttle Valve Body | 108 | |
| R-6109 | Throttle Valve Bush | 109 | |
| D-5110-1 | Throttle Valve | 110 | |
| D-5112 | Throttle Valve Washer | 112 | |
| R-6113 | Throttle Valve Rod | 113 | |
| R-6117 | Throttle Valve Spring | 117 | |
| R-6118 | Throttle Valve Spring Cover | 118 | |
| G-44218 | Throttle Valve Cover Packing | 119 | |
| R-6121 | Throttle Valve Lever | 121 | |
| P-422 | 4 x 22 Pin (2) | 122 | |
| R-10130 | Cap | 130 | |
| R-7170 | Pipe | 170 | |
| R-6188 | Lever Lock Ring | 188 | |
| R-10224 | Packing Case | 224 | |
| R-10250 | Exhaust Cover | 250 | |
| R-10440 | Ring | 440 | |
| W-2550 | 1/8 Plug (2) | 550 | |
| R-10659A | Adapter (A) | 659A | |
| R-10659B | Adapter (B) | 659B | |
| R-10701 | Cylinder | 701 | |
| R-10703 | Valve Sheet | 703 | |
| R-10704 | Valve | 704 | |
| R-10705 | Valve Case | 705 | |
| R-10707 | Valve Cover | 707 | |
| R-8708 | Clutch | 708 | |
| R-10720 | Piston | 720 | |
| R-10721 | Piston Bush | 721 | |
| R-10722 | "V" Packing (2) | 722 | |
| R-10724 | Gland | 724 | |
| R-10726 | Butt | 726 | |
| R-10733 | Butt Bolt | 733 | |
| OP-42 | O-Ring | 816 | |
| P-630 | 6-30 Pin (2) | 861 | |
| W-4 | Washer | 871 | |
| N-4 | M4 Nut | 881 | |
| Optional: | | | |
| OPT-1 | 5½ Pole Butt | | |



OPERATING PRECAUTIONS--F-5 BACKFILL TAMPER

Lubrication

- A. Before putting the F-5 Backfill Tamper into operation and after every 8 hours of operation, fill the oil reservoirs by removing the two #550 Oil Plugs and fill each reservoir with approximately 2 oz. of 60 wt. oil and add 2 oz. of oil in the air inlet. CAUTION--Do not operate this tamper under a no-load condition, i.e.; without butt contacting work surface as this will cause breakage of the Packing Case #224 and the "V" Packing #722.
- B. The butt supplied with the F-5 is a taper-fit bottom screw-type. In order to prevent the butt from becoming disengaged or breakage of the butt bolt, it must be fitted to the piston rod securely. It is recommended the butt be tapped with a hammer, then tighten the butt bolt securely. Periodically during operation check the butt bolt to insure that it is tight.

Disassembling Instructions

- A. Remove throttle valve assembly and air inlet pipe.
- B. Remove Exhaust Cover #250.
- C. Remove Clutch #708.
- D. Place cylinder in vice and remove Cap #130 clockwise.
- E. Remove valve assembly, Valve #704, Valve Seat #703, Valve Case #705, Valve Cover #707, Valve Pins #861, from upper cylinder.
- F. Remove butt from piston.
- G. Remove piston #720, Piston Bushing #721 and "V" Packing #722.
- H. Reverse above sequence to re-assemble.

Trouble Shooting

| Condition | Correction |
|--|--|
| Reduced performance | <ul style="list-style-type: none"> A. Check & replace if necessary "V" Packing #R-10722, O-Ring #OP420 and Pin #P630. B. Excessive clearance between cylinder & piston--Maximum 0.08 mm. C. Check & replace if necessary Valve #R10704 & Valve Case #R10705 |
| When in operation a cracking sound is evident. | <ul style="list-style-type: none"> A. Disconnect F-5 at once & remove Ring #440. Tighten Gland #724 two or three notches. B. If noise is still evident, replace "V" Packing #R10722 to insure proper air cushion. |