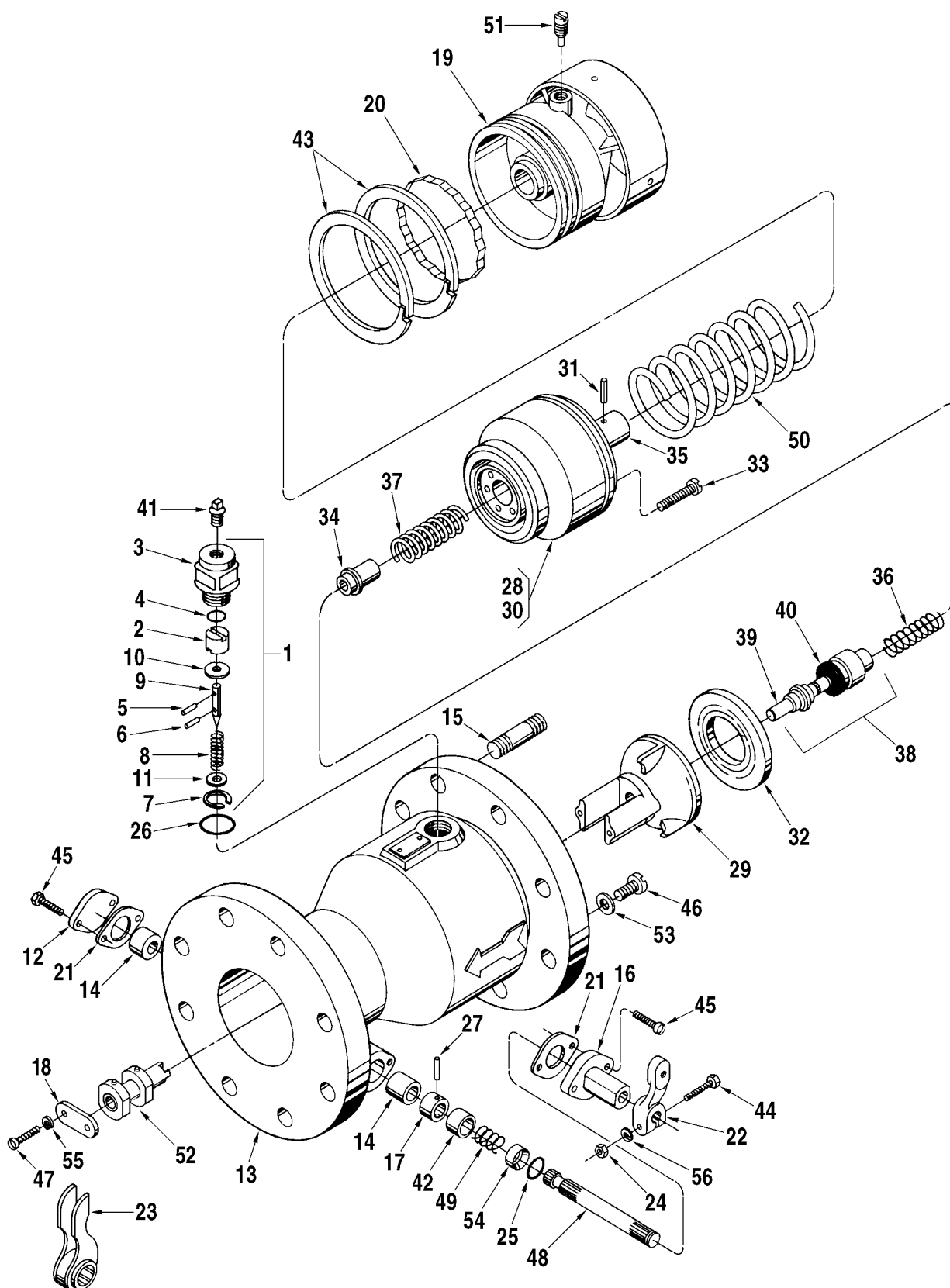
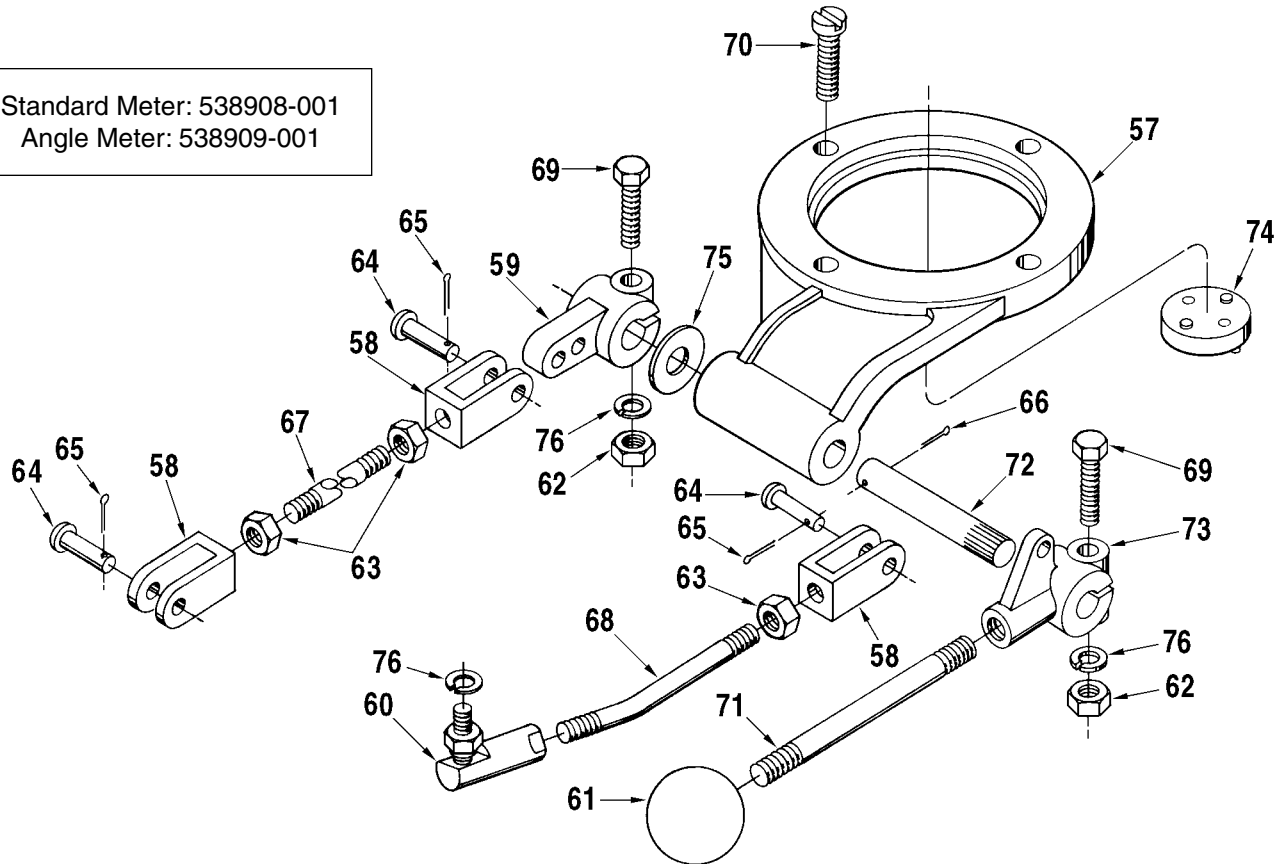




## Valve Linkage Assembly

(For use with Veeder-Root Preset Counter only. For Smith-style Preset Counter Linkage, see Form No. P0303.\*)

Standard Meter: 538908-001  
 Angle Meter: 538909-001



| Item |   | Description                           | Qty. | Part Number |
|------|---|---------------------------------------|------|-------------|
| 1    |   | Adjuster, Needle Valve:               |      |             |
|      |   | Buna-N Trim .....                     | 1    | 518814-001  |
|      |   | Viton Trim .....                      | 1    | 518814-002  |
| 2    |   | Cup, Adjuster.....                    | 1    | 518818-001  |
| 3    | + | Gland.....                            | 1    | 518817-001  |
| 4    | + | O-Ring:                               |      |             |
|      |   | Buna-N .....                          | 1    | 642586-406  |
|      |   | Viton.....                            | 1    | 640798-433  |
| 5    |   | Pin, Roll, 1/16 x 1/2".....           | 1    | 015129-400  |
| 6    |   | Pin, Roll, 1/16 x 7/16".....          | 1    | 642431-404  |
| 7    |   | Ring, Retaining.....                  | 1    | 640822-407  |
| 8    |   | Spring.....                           | 1    | 518821-001  |
| 9    |   | Stem.....                             | 1    | 518820-001  |
| 10   |   | Washer.....                           | 1    | 518819-001  |
| 11   |   | Washer.....                           | 1    | 640652-001  |
| 12   |   | Blind, Gland Opening .....            | 1    | 011941-001  |
| 13   |   | Body Assembly:                        |      |             |
|      |   | Cast Iron .....                       | 1    | 518815-001  |
|      |   | Class 150 Steel.....                  | 1    | 518815-003  |
|      |   | Class 300 Steel.....                  | 1    | 518815-004  |
| 14   |   | Bushing .....                         | 2    | 518912-001  |
| 15   |   | Stud (Class 300 Steel Body Only)..... | 8    | 643825-402  |
| 16   | + | Bushing, Gland Shaft .....            | 1    | 503685-001  |
| 17   |   | Collar, Shaft Lever .....             | 1    | 503681-001  |
| 18   |   | Cone, End .....                       | 1    | 013686-001  |
| 19   |   | Cylinder:                             |      |             |
|      |   | Standard .....                        | 1    | 518810-002  |
|      |   | All Iron.....                         | 1    | 536917-001  |
| 20   |   | Expander, Piston Ring.....            | 1    | 518812-001  |
| 21   | + | Gasket, Gland Cover .....             | 2    | 011940-001  |

| Item |   | Description                                     | Qty. | Part Number |
|------|---|-------------------------------------------------|------|-------------|
| 22   |   | Lever, Operating .....                          | 1    | 550459-001  |
| 23   |   | Lever, Valve .....                              | 1    | 550645-001  |
| 24   |   | Nut, Operating Lever .....                      | 1    | 002077-400  |
| 25   | + | O-Ring:                                         |      |             |
|      |   | Buna-N.....                                     | 1    | 640913-003  |
|      |   | Viton.....                                      | 1    | 641276-403  |
| 26   | + | O-Ring:                                         |      |             |
|      |   | Buna-N.....                                     | 1    | 641070-416  |
|      |   | Viton.....                                      | 1    | 641276-413  |
| 27   |   | Pin, Groove, 1/8 x 3/4".....                    | 1    | 006127-002  |
| 28   |   | Piston and Cone Assembly:                       |      |             |
|      |   | Standard:                                       |      |             |
|      |   | Buna-N.....                                     | 1    | 518937-002  |
|      |   | Viton.....                                      | 1    | 518937-001  |
|      |   | All Iron:                                       |      |             |
|      |   | Buna-N.....                                     | 1    | 536904-001  |
|      |   | Viton.....                                      | 1    | 536904-002  |
| 29   |   | Cone, Valve:                                    |      |             |
|      |   | Standard .....                                  | 1    | 013691-001  |
|      |   | All Iron.....                                   | 1    | 536915-001  |
| 30   |   | Piston:                                         |      |             |
|      |   | Standard .....                                  | 1    | 518825-001  |
|      |   | All Iron.....                                   | 1    | 536916-001  |
| 31   |   | Pin, Retaining .....                            | 1    | 012449-001  |
| 32   | + | Ring, Valve:                                    |      |             |
|      |   | Buna-N.....                                     | 1    | 011908-001  |
|      |   | Viton.....                                      | 1    | 506905-001  |
| 33   |   | Screw, 5/16-24 x 2-1/2" .....                   | 4    | 060317-002  |
| 34   |   | Seat .....                                      | 1    | 012444-001  |
| 35   |   | Shaft:                                          |      |             |
|      |   | Standard .....                                  | 1    | 070908-001  |
|      |   | All Iron.....                                   | 1    | 536899-001  |
| 36   |   | Spring .....                                    | 1    | 012446-001  |
| 37   |   | Spring, Shut-Off.....                           | 1    | 012447-001  |
| 38   |   | Valve Assembly, Pilot:                          |      |             |
|      |   | Standard:                                       |      |             |
|      |   | Buna.....                                       | 1    | 072101-001  |
|      |   | Viton.....                                      | 1    | 511671-001  |
|      |   | All Iron:                                       |      |             |
|      |   | Buna-N.....                                     | 1    | 072101-002  |
|      |   | Viton.....                                      | 1    | 511671-002  |
| 39   |   | Guide:                                          |      |             |
|      |   | Standard.....                                   | 1    | 014084-001  |
|      |   | All Iron.....                                   | 1    | 014084-002  |
| 40   | + | Seat:                                           |      |             |
|      |   | Buna-N.....                                     | 1    | 014085-001  |
|      |   | Viton.....                                      | 1    | 506999-001  |
| 41   |   | Plug, 1/4" NPT.....                             | 1    | 002407-402  |
| 42   |   | Retainer, Thrust.....                           | 1    | 503682-001  |
| 43   |   | Ring, Piston.....                               | 2    | 518811-001  |
| 44   |   | Screw, 1/4-28 x 1-1/4" .....                    | 1    | 009934-400  |
| 45   |   | Screw, 5/16-24 x 7/8" .....                     | 4    | 006283-002  |
| 46   |   | Screw:                                          |      |             |
|      |   | Iron and Aluminum Valves, 1/4-28 x 1/2" .....   | 2    | 060316-002  |
|      |   | Cast Steel Valves, 5/16-18 x 1/2" .....         | 3    | 065425-002  |
| 47   |   | Screw, #10-32 x 1/2" .....                      | 2    | 015170-400  |
| 48   |   | Shaft, Lever.....                               | 1    | 011904-001  |
| 49   |   | Spring, Gland Washer .....                      | 1    | 503684-001  |
| 50   |   | Spring, Piston .....                            | 1    | 012448-001  |
| 51   |   | Valve, Needle .....                             | 1    | 518822-001  |
| 52   |   | Valve, Tappet Assembly.....                     | 1    | 071757-001  |
| 53   |   | Washer, Clamping (Iron and Aluminum Only) ..... | 2    | 009615-400  |
| 54   |   | Washer, Gland.....                              | 1    | 503683-001  |

| Item                          |   | Description                     | Qty. | Part Number |
|-------------------------------|---|---------------------------------|------|-------------|
| 55                            |   | Washer, #8 Lock.....            | 2    | 009757-400  |
| 56                            |   | Washer, 1/4" Spring Lock.....   | 1    | 002069-400  |
| <b>Valve Linkage Assembly</b> |   |                                 |      |             |
| 57                            |   | Adapter, Control Lever.....     | 1    | 518381-001  |
| 58                            | + | Clevis.....                     | 3    | 013192-001  |
| 59                            |   | Crank.....                      | 1    | 518379-001  |
| 60                            |   | Joint, Ball.....                | 1    | 643134-402  |
| 61                            |   | Knob.....                       | 1    | 006660-001  |
| 62                            |   | Nut, 1/4"-28.....               | 2    | 002077-400  |
| 63                            |   | Nut, 5/16"-24.....              | #    | 005292-400  |
| 64                            | + | Pin, Clevis.....                | 3    | 644513-401  |
| 65                            |   | Pin, Cotter, 1/16 x 3/8".....   | 6    | 009825-400  |
| 66                            |   | Pin, Cotter, 3/32 x 1-1/4"..... | 1    | 006373-001  |
| 67                            |   | Rod, Tie (Specify Length).....  | 1    | 013193-001  |
| 68                            |   | Rod, Tie.....                   | 1    | 538910-001  |
| 69                            |   | Screw, 1/4-28 x 1-1/4".....     | 2    | 009934-400  |
| 70                            |   | Screw, 3/8-16 x 1-1/2".....     | 2    | 060452-002  |
| 71                            |   | Shaft, Handle.....              | 1    | 518640-001  |
| 72                            |   | Shaft, Valve Control:           |      |             |
|                               |   | Straight-Through Meter.....     | 1    | 518639-001  |
|                               |   | Angle Meter.....                | 1    | 519369-001  |
| 73                            |   | Socket, Crank, and Handle.....  | 1    | 518377-002  |
| 74                            |   | Spacer, Drive Coupling.....     | 1    | 533020-001  |
| 75                            |   | Washer.....                     | 1    | 065309-002  |
| 76                            |   | Washer, 1/4" Lock Spring.....   | 3    | 002069-400  |

+ Recommended stock.

# Order quantity required.

\* The latest edition is indicated by a 2-digit postscript (e.g., .01, .02, etc.).

Revisions included in P1063.01 Issue/Rev. 0.1 (7/11):  
Total Revision.

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