SUBJECT:  Manifold and Valve Part Changes - Model 3527 and 3537



Old Version



Intermediate Version



Current Version

| Description | Old Version | Intermediate Version SN 2850101 | Current Version SN 3850101 |
|---|---|---|---|
| Discharge Manifold | 44105 | 44613 -  Valve ports machined for stepped valve seat | 46335<br>89981 |
| Valve Plug | 44198 | 44643 -  Used with 70KG Spring | 44643 |
| Spring Retainer | 44615 -  Must be used only with flat seat (Black or Grey) | 44645 -  (ALBZ) Must be used with stepped valve seat. May also be used with flat valve seat. | 44728 -  (PVDF) Used only with stepped seat and 44729 Washer. |
| Coil Spring | N.A. | 44644 -  Used with 100 KG machined valve plug 28 mm L, 25 mm W | 44644 |
| Valve Seat | 44107 - Flat | 44612-  Stepped | 44612 |
| O-Ring, Valve Seat | 17639 | 26142 | 26142 |
| Back-up ring, Valve Seat | N.A. | 44614 | 44614 |
| Discharge Manifold Socket Head Screw | 89572 - Now replaced by 89628 | 89628 -  Stainless Steel (M12x65) | 89628 |
| Valve Kit | 31036 | 34017 | 34017 - Now includes new PVDF retainers & washers. |

Also see Tech Bulletin 069.

**Rev. 07/96**

**NEW** version and **OLD** version parts are **NOT** interchangeable. Please check the serial number of the pump you are servicing to assure the proper parts are ordered. Both new and old version parts will be available for servicing.

Simplified removal of the spring retainer and valve seat are added features of the new Aluminum Bronze retainers. By threading a M10x1.5 bolt into the top of the retainer, you can easily lift out the complete valve assembly. By threading the bolt completely into the valve, you can separate the valve seat from the spring retainer.

| Individual Components for Old and New Version Kits. | | | |
|---|---|---|---|
| **Description** | **Quantity** | **OLD** Valve Kit 31036 | **NEW** Valve Kit 34017 |
| O-Ring, Valve Seat | 3 | 17639 | 26142 |
| Valve Seat | 3 | 44107 (Flat) | 44612 (Stepped) |
| Valve | 3 | 44108 | 44108 |
| Spring | 3 | 44109 | 44109 |
| Spring Retainer | 3 | 44615 | 44728 (PVDF White) |
| O-Ring, Valve Plug | 3 | 89827 | 89827 |
| Back-up Ring, Valve Plug | 3 | 20388 | 20388 |
| Back-up Ring, Valve Seat | 3 | N.A. | 44614 |
| Washer | 3 | N.A. | 44729 |

CAT PUMPS
Technical Services Department