# BLACKMER PARTS LIST

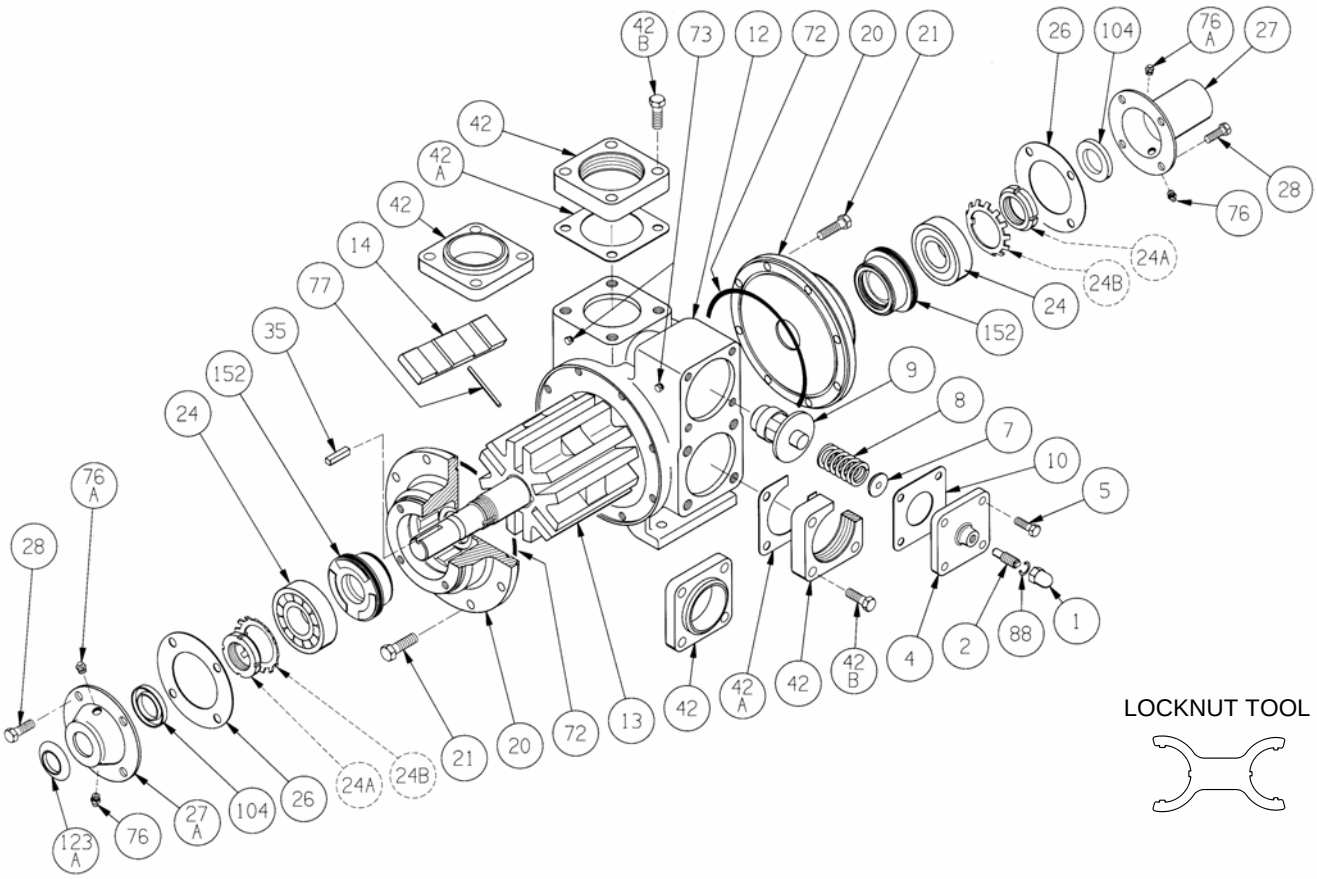
## PUMP MODEL: TXV2.5B

### DISCONTINUED MODEL: TXV2.5A

See Instructions 202-A00 for Installation, Operation and Maintenance



| | |
|---|---|
| Section | 202 |
| Effective | Feb 2010 |
| Replaces | Aug 2009 |




LOCKNUT TOOL



| REF NO. | DESCRIPTION | PARTS PER PUMP | PART NO. | REF NO. | DESCRIPTION | PARTS PER PUMP | PART NO. |
|---|---|---|---|---|---|---|---|
| 1 | Cap - Relief Valve (R/V) | 1 | 411453 | 27 | Bearing Cover – Outboard | 1 | 341600 |
| 2 | Adjusting Screw – R/V | 1 | 431401 | 27A | Bearing Cover – Inboard | 1 | 041431 |
| 4 | Cover – R/V | 1 | 411607 | 28 | Capscrews – Bearing Cover | 8 | 920285 |
| 5 | Capscrew – R/V Cover | 4 | 920316 | 35 | Key – Shaft Square | 1 | [1,2] 909209 |
| 7 | Spring Guide – R/V | 1 | 423955 | 42 | Flange – 2 ½" NPT | 2 | 651611 |
| 8 | Spring – R/V (51-110 psi)(Std.) | 1 | 471631 | | Flange – 2 ½" Weld | | 651608 |
| | Spring – R/V (111-125 psi) | | 471614 | 42A | Gasket – Flange | 2 | [1] 381650 |
| 9 | Valve – R/V (Std.) | 1 | 451623 | 42B | Capscrew – 2 ½" NPT Flange | 8 | 920532 |
| | Valve – R/V (Nickel Plated) | | 451624 | | Capscrew – 2 ½" Weld Flange | | 920491 |
| 10 | Gasket – R/V Cover | 1 | [1] 531603 | 72 | O-Ring – Head (FKM) (Std.) | 2 | [1] 701914 |
| 12 | Cylinder | 1 | 021605 | | O-Ring – Head (PTFE) | | 702242 |
| 13 | Rotor & Shaft - Double Ended [3] | 1 | 261614 | 73 | Gage Plug | 2 | 908198 |
| 14 | Vane – Bronze (Std.) | 6 | [1] 091624 | 76 | Grease Fitting | 2 | 317815 |
| | Vane – Duravane | | 091619 | 76A | Grease Relief Fitting | 2 | 701992 |
| | Vane – Laminate | | 091627 | 77 | Push Rod | 3 | [1] 121607 |
| 20 | Head (Std.) | 2 | 031425 | 88 | Gasket – R/V Cap | 1 | [1] 701981 |
| | Head with Drain (Opt.) | | 031426 | 104 | Grease Seal | 2 | [1] 331918 |
| 21 | Capscrews – Head | 16 | 920331 | 123A | Dirt Shield | 1 | [1] 701480 |
| 24 | Ball Bearing | 2 | [1] 903156 | 152 | Lip Seal Assembly | 2 | See Backside |
| 24A | Locknut – Bearing [4] | 2 | 903521 | | Tool - Locknut | | 903091 |
| 24B | Lockwasher – Bearing [4] | 2 | [1] 903522 | | Kit – Maintenance | | 898954 |
| 26 | Gasket – Bearing Cover | 2 | [1] 381406 | | Hydraulic Motor Adapter Kit | See Backside | |

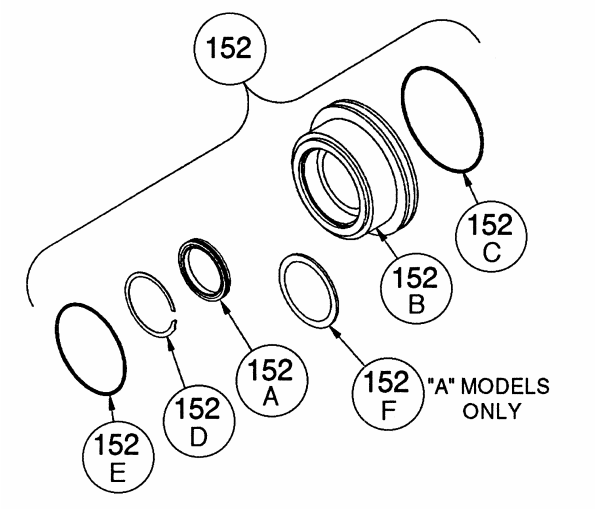
[1] Included in Maintenance Kit [2] Maintenance Kit also includes Woodruff Key 909130 used previously [3] Includes Ref. 24A & 24B
[4] Ref. 24A & 24B became standard Jan. 2002 Keep this parts list with Installation, Operation and Maintenance Instructions.

## LIP SEAL - STANDARD

| REF. NO. | PART NAME | PARTS PER PUMP | TXV2.5B PART NO. | TXV2.5A PART NO. |
|---|---|---|---|---|
| 152 | Lip Seal Complete – Lip Seal, Housing w/ FKM O-Ring. (Std.) | 2 | [1] 331683 | 331671 |
| 152A | Lip Seal w/ FKM O-Ring | 2 | 331685 | 331662 |
| 152B | Housing – Lip Seal | 2 | 331472 | 331472 |
| 152C | Outer O-Ring – Housing (FKM) | 2 | 701921 | 701921 |
| 152D | Retaining Ring – Lip Seal | 2 | 903562 | 903562 |
| 152E | Inner O-Ring – Housing (FKM) | 2 | 702038 | 702038 |
| 152F | Spacer Washers* | 0 - 10 | NONE | 331670 |

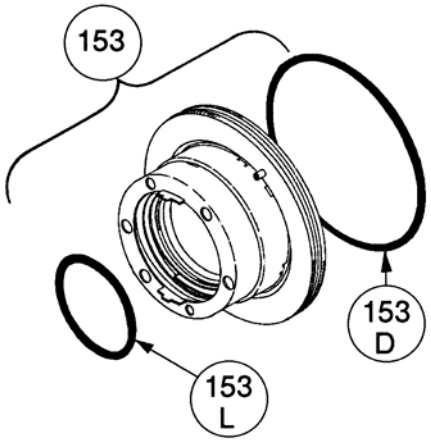
[1] Included in Maintenance Kit

* Spacer washers (152F) are used for Discontinued TXV2.5A models only.




## MECHANICAL SEAL - OPTIONAL

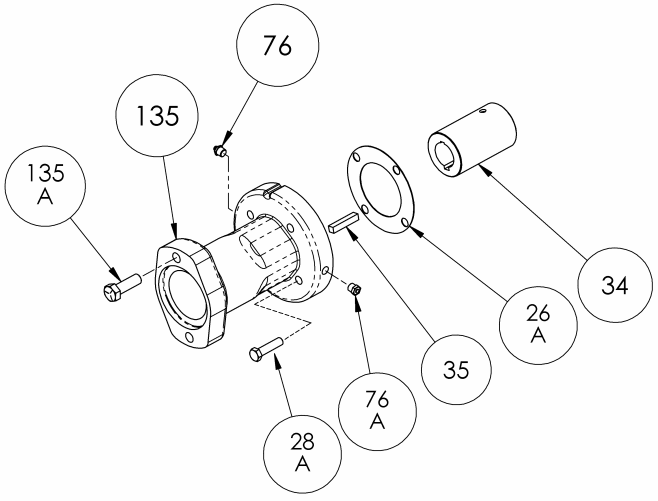
| REF. NO. | PART NAME | PARTS PER PUMP | PART NO. |
|---|---|---|---|
| 153 | Mechanical Seal Complete - Cast Iron Stationary Seat, Carbon Seal Face, FKM O-Rings. IVCV | 2 | 331655 |
| | Mechanical Seal Complete - Cast Iron Stationary Seat, Bronze Seal Face, FKM O-Rings. IVBV | | 331623 |
| 153D | O-Ring – Stationary (FKM) | 2 | 701921 |
| 153L | O-Ring – Rotating (FKM) | 2 | 701980 |




## OPTIONAL HYDRAULIC MOTOR ADAPTER

| REF. NO. | PART NAME | PARTS PER PUMP | PART NO. |
|---|---|---|---|
| See Below | **Hydraulic Motor Adapter Kit** * | See Below | 891458 |
| 26A | Gasket – Hydraulic Motor Adapter | 1 | 383940 |
| 28A | Capscrew – Hydraulic Motor Adapter / Head | 4 | 920369 |
| 34 | Coupling w/ Setscrew – 1.25" straight key hyd. motor shaft | 1 | 906967 |
| 35 | Key – Coupling | 1 | 909184 |
| 76 | Grease Fitting | 1 | 317815 |
| 76A | Grease Relief Fitting | 1 | 701992 |
| 135 | Hydraulic Motor Adapter – SAE A Flange | 1 | 041828 |
| 135A | Capscrew – Adapter / Motor | 2 | 920510 |

* Hydraulic Motor Adapter Kits shipped prior to Spring 2002 were of a two piece design – refer to page 206-B00.




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