# BLACKMER PARTS LIST

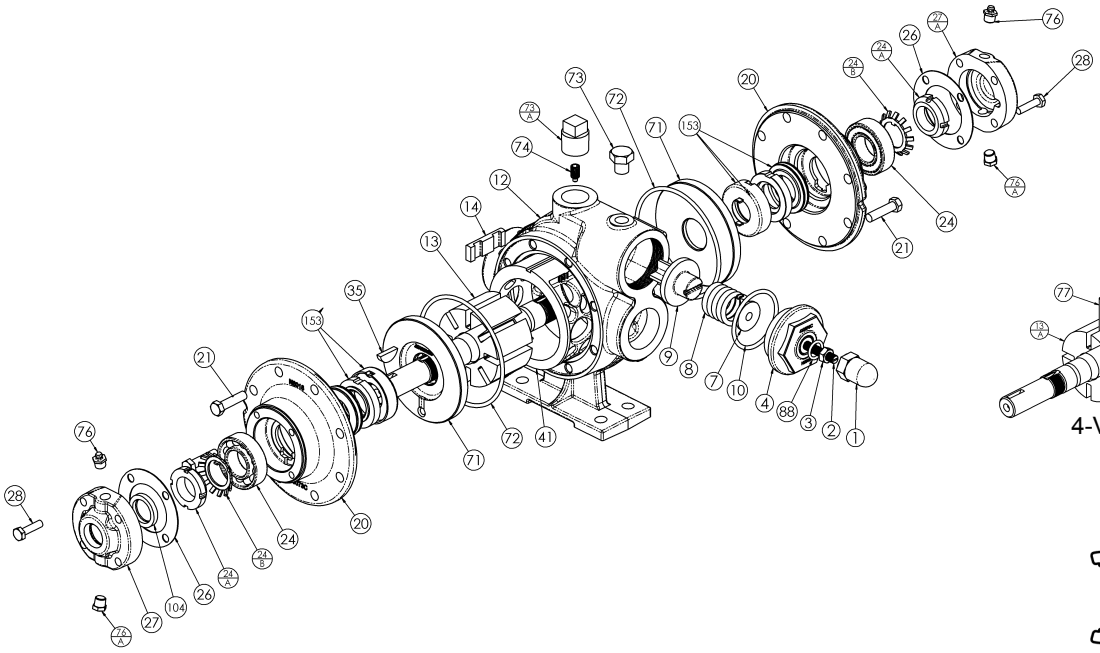
## PUMP MODELS: LGRL1.25, LGRLF1.25A, LGL1.25, LGLF1.25A, LGL1.5, LGLF1.5A

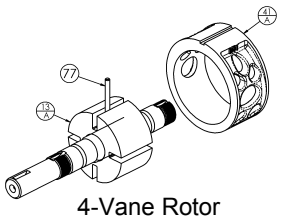
**and discontinued models: LGRLF1.25, LGLF1.25**

(See Instructions 501-B00 for Installation, Operation and Maintenance)

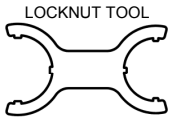


| | |
|---|---|
| Section | 501 |
| Effective | July. 2002 |
| Replaces | June. 2002 |





4-Vane Rotor




| Ref. No. | Description | Parts per Pump | Part No. |
|---|---|---|---|
| 1 | Cap – Relief Valve (R/V) | 1 | 413200 |
| 2 | Adjusting Screw – R/V | 1 | 433909 |
| 3 | Locknut – Adjusting Screw | 1 | 922923 |
| 4 | Cover – R/V | 1 | 413076 |
| 7 | Spring Guide – R/V | 1 | 423955 |
| 8 | Spring – R/V (81 – 125 psi) | 1 | 471428 |
| 9 | Valve - R/V (Std.) | 1 | 453077 |
| | Valve - R/V (Nickel Plated) | | 452300 |
| 10 | O-Ring – R/V Cover | 1 | [1] 711924 |
| 12 | Casing (1.25) | 1 | 013075 |
| | Casing (1.5) | | 013376 |
| 13 | Rotor & Shaft Assembly, Eight Vane (Includes Ref. Nos. 24A & 24B)(Std.) | 1 | [2] 262300 |
| 13A | Rotor & Shaft Assembly, Four Vane (Includes Ref. Nos. 24A & 24B) | 1 | 263076 |
| 14 | Vane – Duravane | 4-8 | [1] 093088 |
| 20 | Head | 2 | 033073 |
| 21 | Capscrews – Head | 16 | 920276 |
| 24 | Ball Bearing | 2 | [1] 903114 |
| 24A | Locknut – Bearing | 2 | [2] 903534 |
| 24B | Lockwasher – Bearing | 2 | [1] 903533 |
| 26 | Gasket - Bearing Cover [3] | 2 | [1] 383075 |
| 27 | Bearing Cover – Inboard [5] | 0-1 | 043070 |
| 27A | Bearing Cover – Outboard | 1 | 043071 |
| 28 | Capscrews – Bearing Cover [4] | 4 - 8 | 920080 |
| 35 | Shaft Key | 1 | [1] 909125 |

| Ref. No. | Description | Parts per Pump | Part No. |
|---|---|---|---|
| 41 | Liner – LGRL(F)1.25 [8 - Vane Only] | 1 | [2] 183019 |
| | Liner – LGL(F)1.25 [8 - Vane Only] | | [2] 183020 |
| | Liner – LGL(F)1.5 [8 - Vane Only] | | [2] 183310 |
| 41A | Liner – LGRL(F)1.25 [4 - Vane Only] | 1 | 183003 |
| | Liner – LGL(F)1.25 [4 - Vane Only] | | 183004 |
| | Liner – LGL(F)1.5 [4 - Vane Only] | | 183301 |
| 71 | Disc | 2 | [1] 063075 |
| 72 | O-Ring – Head | 2 | [1] 701918 |
| 73 | Gage Plug (1/4") | 1 | 908198 |
| 73A | Gage Plug (3/4") | 1 | 908225 |
| 74 | Setscrew – Liner | 1 | 922088 |
| 76 | Grease Fitting | 2 | 317815 |
| 76A | Grease Relief Fitting | 2 | 701992 |
| 77 | Push Rod – LGRL(F)1.25 | 0-2 | 123004 |
| | Push Rod – LGL(F)1.25 | | 123076 |
| | Push Rod LGL(F)1.5 | | 123401 |
| 88 | O-Ring – R/V Cap | 1 | [1] 701949 |
| 104 | Grease Seal | 1 | [1] 331927 |
| | Tool - Locknut | | 903090 |
| | Kit – Maint LGRL(F)1.25A [4 Vane] | | 898917 |
| | Kit - Maint LGL(F)1.25(A) [4 Vane] | | 898918 |
| | Kit - Maint LGL(F)1.5(A) [4 Vane] | | 898919 |
| | Kit - Maintenance LG(R)L(F)1.25(A) / 1.5(A) [8 Vane] | | 898976 |
| | Kit - Rebuild LGRL(F)1.25A [4 Vane] | | 899017 |
| | Kit - Rebuild LGL(F)1.25(A) [4 Vane] | | 899018 |
| | Kit - Rebuild LGL(F)1.5(A) [4 Vane] | | 899019 |
| | Kit - Rebuild LGRL(F)1.25A [8 Vane] | | 899076 |
| | Kit - Rebuild LGL(F)1.25(A) [8 Vane] | | 899077 |
| | Kit - Rebuild LGL(F)1.5(A) [8 Vane] | | 899078 |

[1] Included in Maintenance Kits and Rebuild Kits

[2] Included in Rebuild Kits.

Note: earlier model pumps used taper pins, which are no longer required.

Ref. No. 73A: Earlier versions of these pumps may use a 1/4" plug (pn 908198) or 1/2" plug (pn 908215).

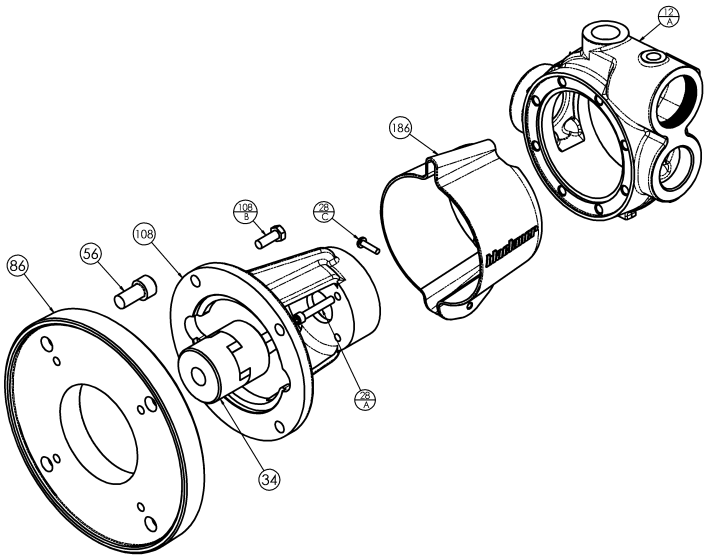
Keep this parts list with Installation, Operation and Maintenance Instructions.

The following applies to LG(R)LF pump models only: [3] Use one outboard [4] Use four outboard [5] Use none.

## FLANGE 'F' MOUNTING

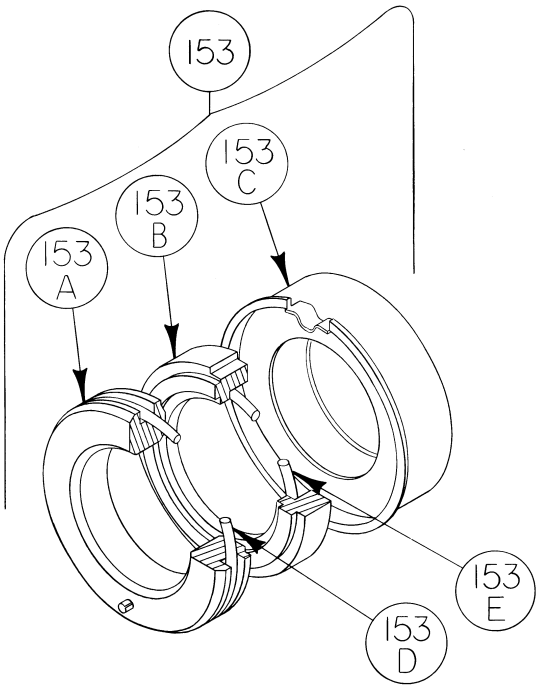
| Ref. No. | Description | Parts per Pump | Part No. |
|---|---|---|---|
| 12A | Casing w/o Feet – LG(R)LF1.25 | 1 | 013077 |
| | Casing w/o Feet – LGLF1.5 | | 013377 |
| 28A | Bracket Mounting Screws | 4 | 920101 |
| 28C | Guard Screw | 1 | 920026 |
| 34 | Coupling Half – Pump | 1 | 906147 |
| | Coupling Spider | | 906155 |
| | Coupling Half – Motor (56C) | | 906151 |
| | Coupling Half – Motor (143TC,145TC,184C) | | 906147 |
| | Coupling Half – Motor (182TC,184TC,215C) | | 906146 |
| 56 | Capscrews – Adapter Ring Mounting | 4 | 920480 |
| 86 | Motor Adapter Ring- 182TC,184TC,215C | 1 | 832914 |
| 108 [6] | Mounting Bracket | 1 | 832912 |
| 108B | Capscrews - Bracket | 4 | 920331 |
| 186 | Guard | 1 | 804120 |

[6] Use (P/N 833000 – Mounting Bracket w/ feet) on discontinued models LG(R)LF1.25 and LGLF1.5




## MECHANICAL SEAL

| Ref. No. | Part Name | Parts Per Pump | Part No. |
|---|---|---|---|
| 153 | Mechanical Seal Assembly | 2 | [1] 333045 |
| 153A | Stationary Seat ( Hardened Steel ) | 2 | ** |
| 153B | Seal Face ( Carbon ) | 2 | ** |
| 153C | Jacket Assembly | 2 | ** |
| 153D | O-Ring – Stationary (Buna-N) | 2 | 711916 |
| 153E | O-Ring – Rotating (Buna-N) | 2 | 711915 |

[1] Included in Maintenance Kits and Rebuild Kits

** NOTE: Mechanical Seal Ref. No. 153 is only sold as a complete assembly Ref. Nos. 153A, 153B & 153C are not available as separate replacement parts.