# **BLACKMER PARTS LIST**

# PUMP MODELS: LGL154A, LGL156A, LGL158B

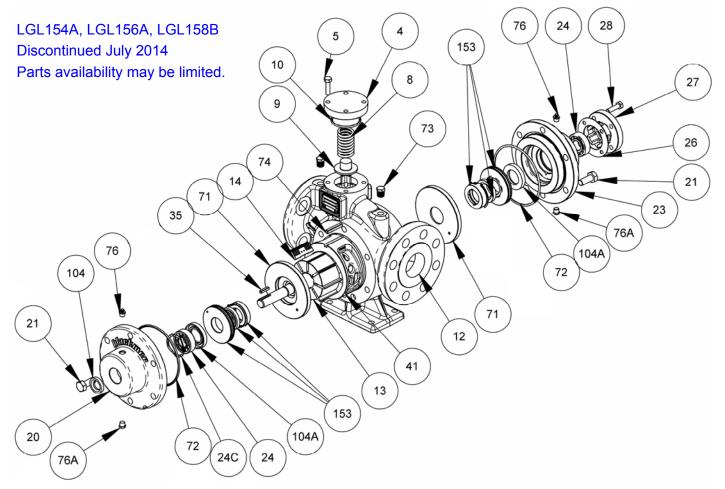
and Discontinued LGL158A

Keep with Installation, Operation and Maintenance Instructions 501-K00

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**PARTS LIST 501-K01**\_1302

Section 501 Effective Feb 2013 Replaces Mar 2012



| Ref.<br>No. | Description                           | Parts<br>Per<br>Pump | Part No.            | Ref.<br>No. | Description                          | Parts<br>Per<br>Pump | Part No.            |
|-------------|---------------------------------------|----------------------|---------------------|-------------|--------------------------------------|----------------------|---------------------|
| 4           | Cover - Relief Valve (R/V)            | 1                    | 415701              | 35          | Key - Shaft (for shaft 265702)       | 1                    | <sup>1</sup> 909153 |
| 5           | Capscrews - R/V Cover                 | 4                    | 920122              |             | Key – Shaft (for older shaft 265701) |                      | <sup>1</sup> 909152 |
| 8           | Spring - R/V (225 psi)                | 1                    | 471400              | 41          | Liner (LGL158)                       | 1                    | 185701              |
| 9           | Valve - R/V                           | 1                    | 455701              |             | Liner (LGL156)                       |                      | 185710              |
| 10          | O-Ring - R/V Cover                    | 1                    | <sup>1</sup> 711924 |             | Liner (LGL154)                       |                      | 185711              |
| 12          | Casing                                | 1                    | 015701              | 71          | Disc                                 | 2                    | <sup>1</sup> 065701 |
| 13          | Rotor & Shaft Asy.                    | 1                    | <sup>2</sup> 265703 | 72          | O-Ring - Head                        | 2                    | <sup>1</sup> 702169 |
|             | Rotor & Shaft Asy. (LGL158A only) 2   |                      | <sup>3</sup> 265701 | 73          | Gage Plug                            | 2                    | 908198              |
| 14          | Vane - Duravane                       | 8                    | <sup>1</sup> 094860 | 74          | Key - Liner                          | 1                    | 909177              |
| 20          | Head Inboard                          | 1                    | 035701              | 76          | Grease Fitting                       | 2                    | 317815              |
| 21          | Capscrews - Head                      | 12                   | 920468              | 76A         | Grease Relief Fitting                | 2                    | 701992              |
| 23          | Head Outboard                         | 1                    | 035703              | 104         | Grease Seal - Outer                  | 1                    | <sup>1</sup> 331921 |
| 24          | Ball Bearing                          | 2                    | <sup>1</sup> 903148 | 104A        | Grease Seal - Inner                  | 2                    | <sup>1</sup> 335702 |
| 24C         | Bearing Spring                        | 1                    | <sup>1</sup> 903187 | _           | Kit – Maintenance                    | _                    | 899222              |
| 26          | Shim Kit (6 ea: .002", .005" & .010") | Varies               | <sup>1</sup> 905172 | _           | Priming Valve                        | _                    | 455750              |
| 27          | Bearing Cover                         | 1                    | 045701              |             | (for Underground Tank Installations) |                      |                     |
| 28          | Capscrews - Bearing Cover             | 4                    | 920122              |             |                                      |                      |                     |

<sup>&</sup>lt;sup>1</sup> Included in Maintenance Kit.

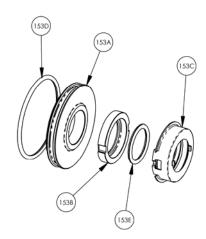
<sup>&</sup>lt;sup>2</sup> Pumps prior to Feb 2013 used a different rotor/shaft requiring a seal spacer. See note on back of page.

<sup>&</sup>lt;sup>3</sup> The 265703 will fit the LGL158A, but will require baseplate modifications as it is 1.41" longer than the 265701 shaft.

#### **MECHANICAL SEAL - LPG**

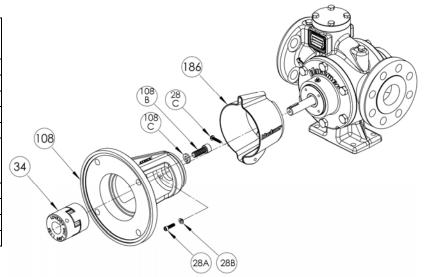
| MEGHANIOAE GEAE ELG |                                 |                      |                     |  |  |
|---------------------|---------------------------------|----------------------|---------------------|--|--|
| Ref. No.            | Description                     | Parts<br>Per<br>Pump | Part No.            |  |  |
| 153                 | Mechanical Seal Assembly - SNCN | 2                    | <sup>1</sup> 335703 |  |  |
| 153A                | Stationary Seat (Steel)         | 2                    | **                  |  |  |
| 153B                | Seal Face (Carbon)              | 2                    | **                  |  |  |
| 153C                | Jacket Assembly                 | 2                    | **                  |  |  |
| 153D                | O-Ring - Stationary (Buna-N)    | 2                    | 701934              |  |  |
| 153E                | O-Ring Rotating (Buna-N)        | 2                    | 711917              |  |  |

<sup>&</sup>lt;sup>1</sup> Included in Maintenance Kit and Rebuild Kit



#### **C-FACE MOTOR ADAPTOR BRACKET**

| Ref.<br>No. | Description  | Parts<br>per<br>Pump | Part No.         |
|-------------|--|----------------------|------------------|
| 28A         | Bracket Mounting Screws                                  | 4                    | 920102           |
| 28B         | Lockwasher   | 4                    | 909602           |
| 28C         | Guard Screw  | 1                    | 920026           |
| 34          | Coupling Half – Pump                                     | 1                    | 906033           |
|             | Coupling Spider  |                      | 906034           |
|             | Coupling Half – Motor<br>182TC,184TC,215C<br>213TC,215TC |                      | 906164<br>906032 |
| 108         | Mounting Bracket   | 1                    | 833003           |
| 108B        | Capscrew – Bracket to Motor                              | 4                    | 098116           |
| 108C        | Lockwasher   | 4                    | 909706           |
| 186         | Guard  | 1                    | 804120           |

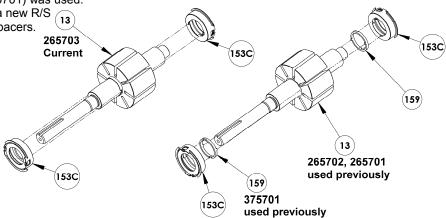


### ANSI Flange Kit Part Number 655701 with:

| Description                             |   | Description                           | Qty |
|---|---|---------------------------------------|-----|
| Flange, 1.5" NPS, ANSI 300# RF Threaded | 1 | Flange, 2" NPS, ANSI 300# RF Threaded | 1   |
| Gasket 1.5", 600#                       | 1 | Gasket 2", 600#                       | 1   |
| Stud 3/4-10 x 3 3/4                     | 4 | Stud 5/8-11 x 3 1/2                   | 8   |
| Heavy Hex Nut 3/4-10                    | 4 | Heavy Hex Nut 5/8-11                  | 8   |

## Rotor/Shafts used prior to Feb 2013

The current R/S 265703 has a small step where the rotor meets the shaft. This step includes two notches to receive the seal drive tangs. Previously, a separate spacer (375701) was used. This spacer must be used with older shafts. If a new R/S 265703 is used in an older pump, discard the spacers.





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<sup>\*\*</sup> 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.