

## compressors

### Suggested Spare Parts for LB361B Compressors:

| Part # | Description                   |   | Qty./<br>Unit | Comm.<br>Qty. | Spare<br>Qty. |
|--------|-------------------------------|---|---------------|---------------|---------------|
| 793099 | Gasket Set - Buna-N, Aluminum | T | 1             | 1             | 1             |
| 793259 | Suction Valve Sub-Assembly    | T | 2             |               | 2             |
| 793279 | Discharge Valve               | T | 2             |               | 2             |
| 793008 | Piston Ring                   | T | 6             | 6             | 6             |
| 793012 | Piston Ring Expander          | T | 6             | 6             | 6             |
| 793499 | Packing Set                   | T | 2             | 2             | 2             |
| 794726 | Oil Filter *                  |   | 1             |               | 6             |
| 793004 | Wrist Pin                     | I | 2             |               | 2             |
| 793003 | Wrist Pin Bushing             | I | 2             | 2             | 2             |
| 793002 | Conrod Bearing                | I | 2             | 2             | 2             |

The following parts would normally be required only for major compressor overhaul.

|        |  |   |   |  |   |
|--------|--|---|---|--|---|
| 793029 | Crosshead Assembly                     | I | 2 |  | 1 |
| 793142 | Bearing Cone                           |   | 2 |  | 2 |
| 793126 | Bearing Cup                            |   | 2 |  | 2 |
| 793009 | Conrod Assembly                        |   | 2 |  | 1 |
| 793157 | Crankshaft Assembly with Bearing Cones |   | 1 |  |   |
| 793191 | Extended Crankshaft Assembly *         |   |   |  |   |
| 793133 | Bearing Adjustment Shim Kit            |   | 1 |  |   |
| 794760 | Oil Pump Repair Kit                    |   | 1 |  |   |
| 793045 | Cylinder                               |   | 1 |  |   |

The Following Spare Parts Kits Are Available

|        |   |
|--------|---|
| 793229 | Top End Kit (Includes 'T' Parts)              |
| 793230 | Intermediate Kit (Includes 'T' and 'I' Parts) |

\* Optional Equipment on New Compressors

**compressors****LB361B PARTS LIST**

Serial # \_\_\_\_\_

ID# \_\_\_\_\_

**Gasket Set, Repair Kits and Special Tools**

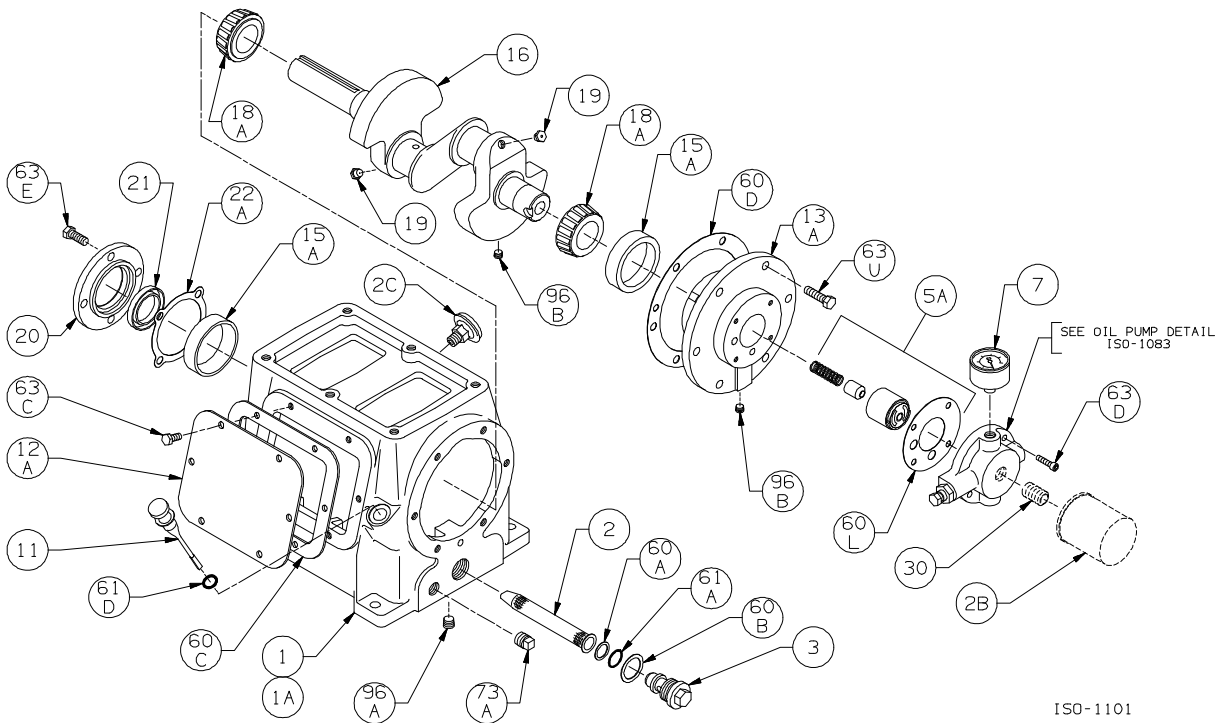
|   |                   |        |
|---|-------------------|--------|
| Gasket Set  | Buna-N & Aluminum | 793099 |
| Top End Repair Kit  |                   | 793229 |
| Includes Piston Rings & Expanders, Packing Sets, Valves, Gaskets & O-rings                |                   |        |
| Intermediate Repair Kit   |                   | 793230 |
| Includes Top End Kit plus Wrist Pins & Bushings, Connecting Rod Bearings, and Crossheads. |                   |        |
| Packing Installation Tool   |                   | 790536 |
| Spanner Wrench, 1/4" Adjustable   |                   | 790316 |
| Tool Kit  |                   | 790199 |

**Bulletins  
Needed For  
Complete  
Parts List**

|           |        |
|-----------|--------|
| This page | 5E-031 |
| Crankcase | 5F-021 |
| Oil Pump  | 5G-011 |
| Flywheel  | 5H-010 |
| Crosshead | 5J-030 |
| Cylinder  | 5L-030 |
| Head      | 5M-020 |

Notes:

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Crankcase Assembly: Models LB361B, LB362C

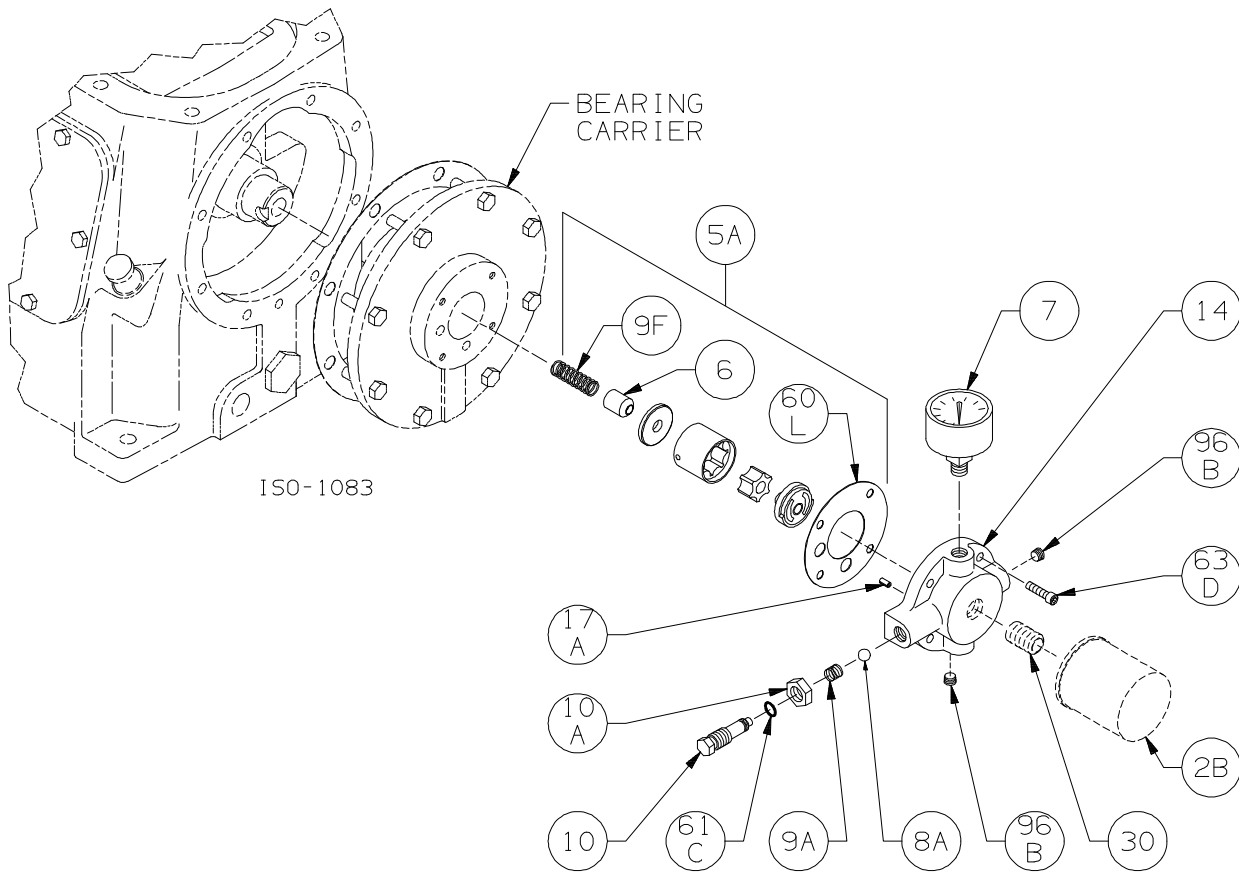
ISO1101

| Ref | Description                                | Qty | Part No |
|-----|--|-----|---------|
| 1   | Crankcase Assembly - Std                   | 1   | 793103  |
|     | Crankcase Assembly - w\ Oil Filter         |     | 793100  |
|     | Crankcase Assembly - w\ Ext Shaft          |     | 793155  |
|     | Crankcase Assy - w\ Ext Shaft & Oil Filter |     | 793171  |
| 1A  | Crankcase                                  | 1   | 793102  |
| 2   | Oil Intake Screen                          | 1   | 792135  |
| 2B  | Oil Filter                                 | 1   | 794726  |
| 2C  | Breather Filter                            | 1   | 792070  |
| 3   | Oil Screen Plug                            | 1   | 792145  |
| 5A  | Oil Pump Kit                               | 1   | 794760  |
| 7   | Oil Pressure Gauge                         | 1   | 790012  |
| 11  | Oil Bayonet Assembly                       | 1   | 792162  |
| 12A | Inspection Plate                           | 1   | 793105  |
| 13A | Bearing Carrier                            | 1   | 793104  |
| 15A | Bearing Cup                                | 2   | 793126  |
| 16  | Crankshaft Assembly (w\ 18A,19,96B)        | 1   | 793157  |
|     | Crankshaft Assembly-Ext (w\ 18A,19,96B)    |     | 793191  |
| 18A | Bearing Cone                               | 2   | 793142  |
| 19  | Orifice                                    | 2   | 792146  |

| Ref | Description                         | Qty | Part No |
|-----|-------------------------------------|-----|---------|
| 20  | Bearing Cover Plate                 | 1   | 793106  |
| 21  | Oil Seal                            | 1   | 793143  |
| 22A | Bearing Adjustment Shim Kit         | 1   | 793133  |
| 30  | Oil Filter Fitting                  | 1   | 794725  |
| 60A | Gasket - Oil Screen *               | 1   | 792136  |
| 60B | Gasket - Oil Screen Plug *          | 1   | 792123  |
| 60C | Gasket - Inspection Plate *         | 1   | 793122  |
| 60D | Gasket - Bearing Carrier Assembly * | 1   | 793124  |
| 60L | Gasket - Oil Pump Cover *           | 1   | 794721  |
| 61A | O-Ring - Oil Screen *               | 1   | 792175  |
| 61D | O-Ring - Oil Bayonet *              | 1   | 792174  |
| 63C | Capscrew - Hex Hd                   | 6   | 793116  |
| 63D | Capscrew - Soc Hd                   | 4   | 790559  |
| 63E | Capscrew - Hex Hd                   | 4   | 792093  |
| 63U | Capscrew - Hex Hd                   | 6   | 792093  |
| 73A | Pipe Plug                           | 1   | 792166  |
| 96A | Pipe Plug                           | 1   | 790488  |
| 96B | Pipe Plug                           | 2   | 790309  |

\* Included in Gasket Sets

# compressors



## Oil Pump Detail:

Models LB161B, LB162B, LB361B, LB362C, LB601B, LB602B, LB942A

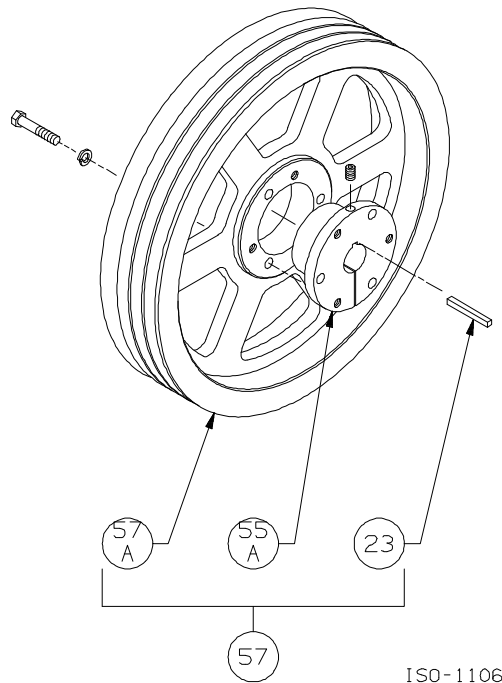
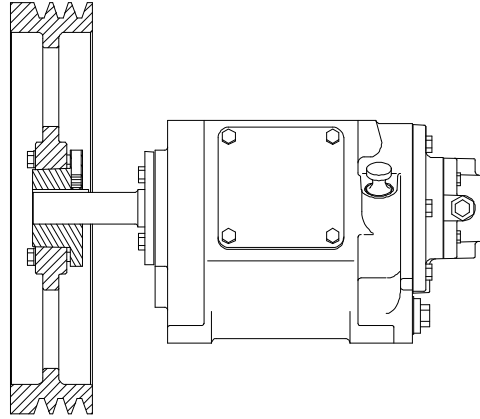
ISO1083

| Ref | Description                  | Qty | Part No |
|-----|------------------------------|-----|---------|
| 2B  | Oil Filter                   | 1   | 794726  |
| 5A  | Oil Pump Kit (w/ 6, 9F, 60L) |     | 794760  |
| 6   | Oil Pump Cone                | 1   | 794750  |
| 7   | Oil Pressure Gauge           | 1   | 790012  |
| 8A  | Oil Pressure Adj. Ball       | 1   | 792154  |
| 9A  | Oil Pressure Adj. Spring     | 1   | 792153  |
| 9F  | Oil Pump Spring              | 1   | 794751  |
| 10  | Oil Pressure Adj. Screw      | 1   | 792148  |
| 10A | Locknut                      | 1   | 792152  |

| Ref | Description   | Qty | Part No |
|-----|---|-----|---------|
| 14  | Oil Pump Cover Assembly (w\ 17A,96B)                  | 1   | 794763  |
|     | Oil Pump Cover Assembly - For Filter<br>(w\ 17A, 96B) |     | 794764  |
| 17A | Roll Pin  | 1   | 794753  |
| 30  | Oil Filter Fitting                                    | 1   | 794725  |
| 60L | Gasket - Oil Pump Cover *                             | 1   | 794721  |
| 61C | O-Ring - Adjusting Screw *                            | 1   | 792168  |
| 63D | Capscrew - Soc. Hd                                    | 4   | 790559  |
| 96B | Pipe Plug   | 2   | 790309  |

\* Included in Gasket Sets

# compressors



Flywheel Assembly:  
Models LB161B, LB162B

| Ref | Description       | Qty | Part No |
|-----|-------------------|-----|---------|
| 23  | Key               | 1   | 792167  |
| 55A | Hub               | 1   | 790563  |
| 57  | Flywheel Assembly | 1   | 792073  |
| 57A | Flywheel          | 1   | 792071  |

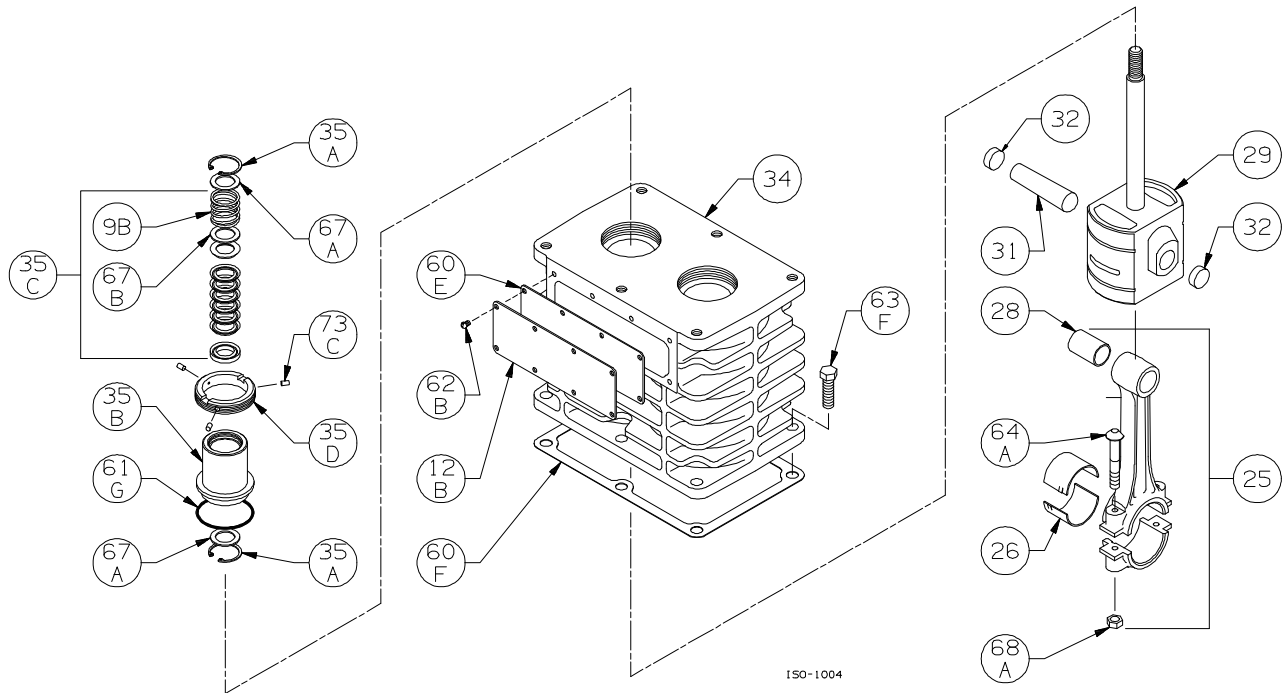
Models LB361B, LB362C

| Ref | Description       | Qty | Part No |
|-----|-------------------|-----|---------|
| 23  | Key               | 1   | 793167  |
| 55A | Hub               | 1   | 790143  |
| 57  | Flywheel Assembly | 1   | 793047  |
| 57A | Flywheel          | 1   | 792071  |

S1106

ISO-1106

# compressors



Crosshead Assembly: Models LB361, LB361A, LB361B

ISO1004

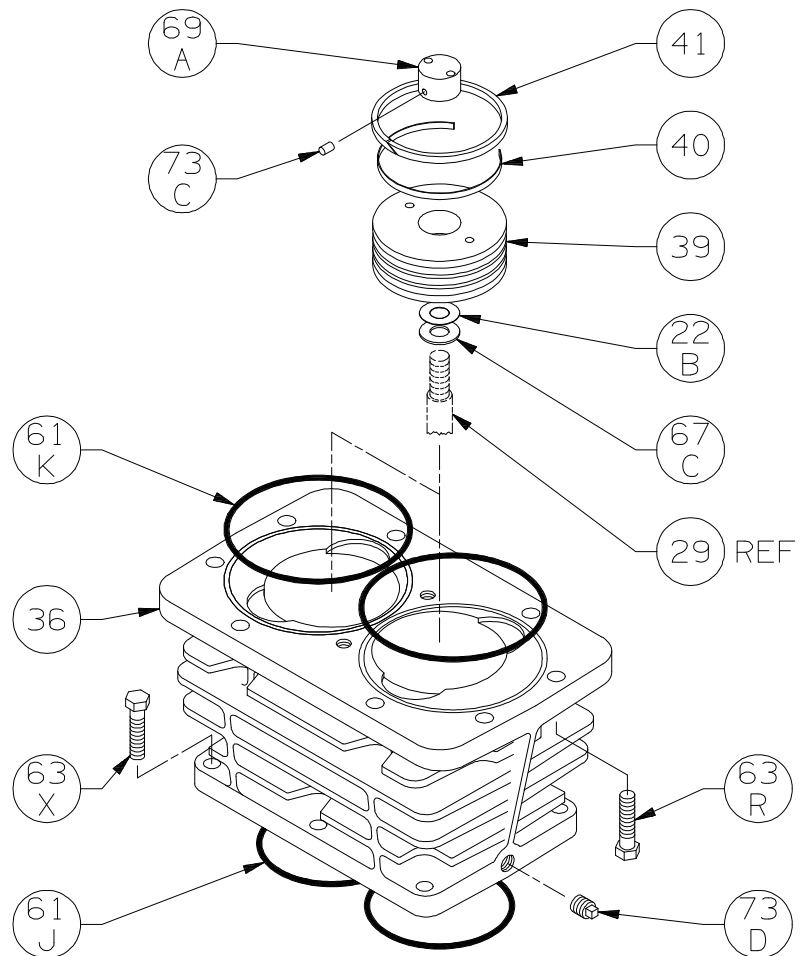
| Ref | Description             | Qty | Part No |
|-----|-------------------------|-----|---------|
| 9B  | Packing Spring          | 2   | 792077  |
| 12B | Inspection Plate        | 1   | 793093  |
| 25  | Connecting Rod Assembly | 2   | 793009  |
| 26  | Connecting Rod Bearing  | 2   | 793002  |
| 28  | Wrist Pin Bushing **    | 2   | 793003  |
| 29  | Crosshead Assembly      | 2   | 793029  |
| 31  | Wrist Pin               | 2   | 793004  |
| 32  | Wrist Pin Plug          | 4   | 792178  |
| 34  | Crosshead Guide         | 1   | 793091  |
| 35A | Retainer Ring           | 4   | 792088  |
| 35B | Packing Box             | 2   | 793221  |
| 35C | Packing Set             | 2   | 793499  |

| Ref | Description                      | Qty | Part No |
|-----|----------------------------------|-----|---------|
| 35D | Hold-down Ring                   | 2   | 793220  |
| 60E | Gasket - Inspection Plate *      | 1   | 793092  |
| 60F | Gasket - Crankcase *             | 1   | 793121  |
| 61G | O-Ring (Buna-N) Std *            | 2   | 792125  |
| 62B | Machine Screw - Inspection Plate | 8   | 793096  |
| 63F | Capscrew - Hex Hd                | 6   | 793094  |
| 64A | Connecting Rod Bolt              | 4   | 793006  |
| 67A | Washer - Packing Box             | 4   | 792083  |
| 67B | Washer - Packing Spring          | 2   | 792087  |
| 68A | Connecting Rod Bolt Nut          | 4   | 793007  |
| 73C | Lock Plug *                      | 6   | 792030  |

\* Included in Gasket Sets

\*\* Must be honed after installing

# compressors



ISO-1003

### Cylinder Assembly:

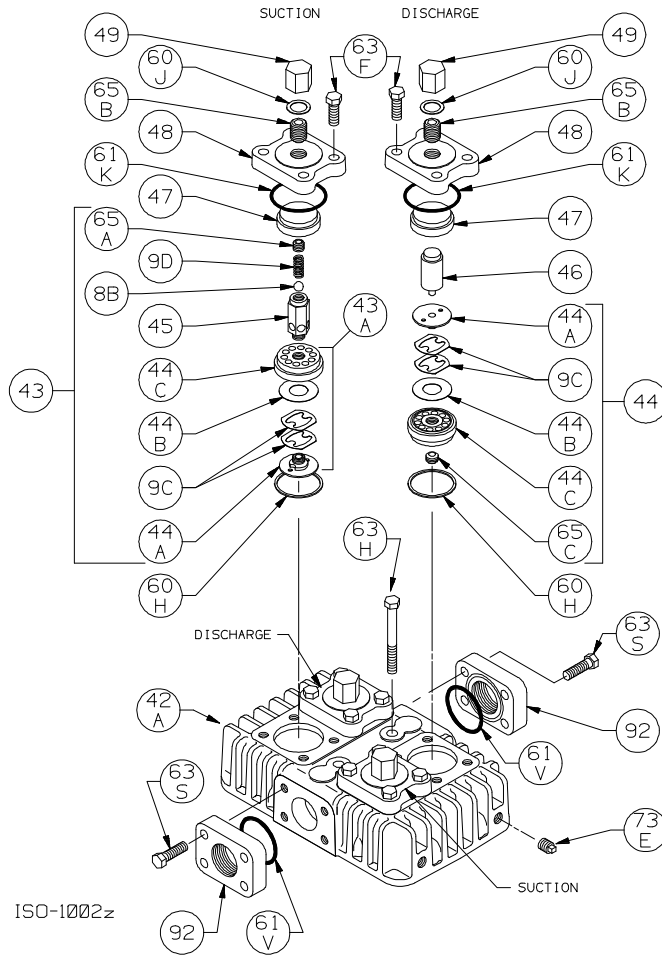
Models LB361A, LB361B, LB362B, LB362C

ISO1003

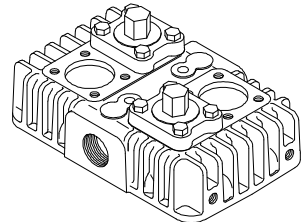
| Ref | Description         | Qty | Part No |
|-----|---------------------|-----|---------|
| 22B | Piston Shim - 0.015 | AR  | 792034  |
|     | Piston Shim - 0.007 | AR  | 792050  |
| 36  | Cylinder            | 1   | 793045  |
| 39  | Piston              | 2   | 793021  |
| 40  | Expander            | 6   | 793012  |
| 41  | Piston Ring         | 6   | 793008  |
| 61J | O-Ring *            | 2   | 793177  |
| 61K | O-Ring *            | 2   | 793641  |
| 63R | Capscrew - Hex Hd   | 8   | 794097  |
| 63X | Capscrew - Hex Hd   | 6   | 794096  |
| 67C | Thrust Washer       | 2   | 792033  |
| 69A | Piston Nut          | 2   | 793022  |
| 73C | Lock Plug *         | 4   | 793028  |
| 73D | Pipe Plug           | 1   | 793498  |

\* Included in Gasket Sets

**compressors**



Head style used prior to January 1999. Replaced by the flanged head shown to the left.



Head Assembly: Models LB361A, LB361B, LB362B, LB362C

ISO1002

| Ref | Description                | Qty | Part No |
|-----|----------------------------|-----|---------|
| 8B  | Liquid Relief Valve Ball   | 2   | 792042  |
| 9C  | Valve Spring               | 8   | 793038  |
| 9D  | Liquid Relief Valve Spring | 2   | 792045  |
| 42A | Head <sup>1</sup>          | 1   | 793044  |
| 43  | Suction Valve Assembly     | 2   | 793269  |
| 43A | Valve Sub-Assembly         | 0   | 793259  |
| 44  | Discharge Valve Assembly   | 2   | 793279  |
| 44A | Valve Bumper               | 4   | 793235  |
| 44B | Valve Disc                 | 4   | 793037  |
| 44C | Valve Body                 | 4   | 793236  |
| 45  | Liquid Relief Valve Body   | 2   | 793046  |
| 46  | Post                       | 2   | 793034  |
| 47  | Valve Spacer               | 4   | 793061  |
| 48  | Valve Cover Plate          | 4   | 793071  |
| 49  | Valve Cap                  | 4   | 793072  |
| 60H | Gasket - Valve *           | 4   | 793107  |

| Ref | Description               | Qty | Part No |
|-----|---------------------------|-----|---------|
| 60J | Gasket - Valve Cap *      | 4   | 793108  |
| 61K | O-Ring *                  | 4   | 793114  |
| 61V | O-Ring *                  | 2   | 792125  |
| 63F | Capscrew - Hex Hd         | 16  | 793094  |
| 63H | Capscrew - Hex Hd         | 2   | 793115  |
| 63S | Capscrew - Hex Hd         | 8   | 794096  |
| 65A | Liquid Relief Valve Screw | 2   | 793054  |
| 65B | Valve Holddown Screw      | 4   | 794068  |
| 65C | Screw                     | 2   | 793234  |
| 73E | Pipe Plug                 | 2   | 793498  |
| 92  | Flange 1.25" NPT (Std.)   | 2   | 793055  |
|     | Flange 1.5" NPT (Opt.)    |     | 793057  |
|     | Flange 1.25" Weld (Opt.)  |     | 793056  |
|     | Flange 1.5" Weld (Opt.)   |     | 793058  |

\* Included in Gasket Sets

<sup>1</sup> If replacing a threaded head, the flanged head, flanges, bolts and O-rings must be ordered instead.