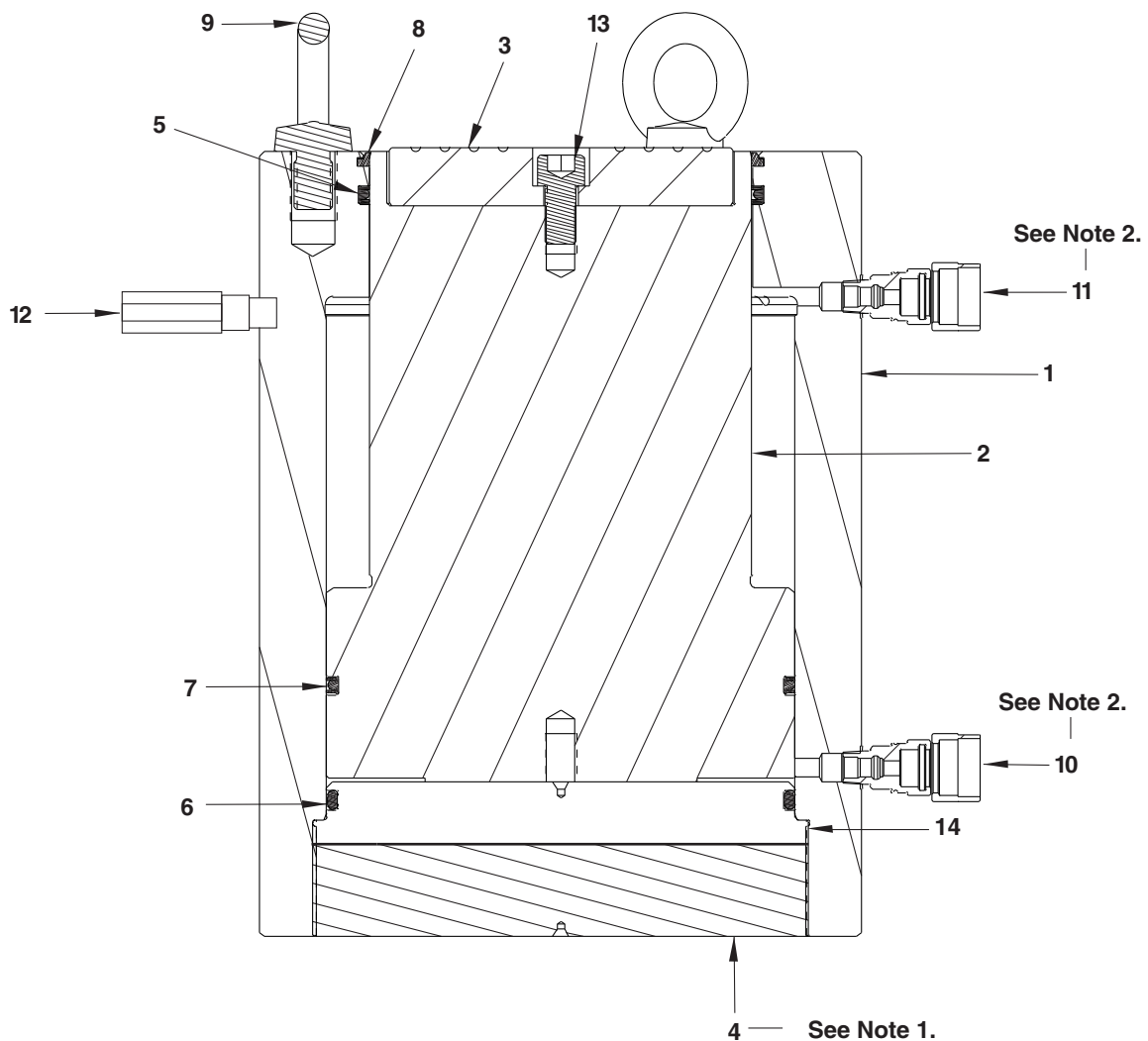


**To Protect Your Warranty, Use Only ENERPAC Hydraulic Oil.**

Enerpac recommends that all kit components be installed to insure optimum performance of the repaired unit.

**Notes:**

1. Torque to 150 ft. lbs. [203 Nm].
2. Torque to 30-65 ft. lbs. [40-88 Nm].  
Apply Loctite 545 thread sealant.



| Repair Parts List for CLSG and CLRG Cylinders                   |                                    |                                         |                                        |                                         |      |                           |
|-----------------------------------------------------------------|------------------------------------|-----------------------------------------|----------------------------------------|-----------------------------------------|------|---------------------------|
| Item                                                            | Part Number<br>50 Ton<br>CLSG/CLRG | Part Number<br>100 Ton<br>CLSG/CLRG     | Part Number<br>150 Ton<br>CLSG/CLRG    | Part Number<br>200 Ton<br>CLSG/CLRG     | Qty. | Description               |
|                                                                 | 502, 504, 506,<br>508, 5010, 5012  | 1002, 1004, 1006,<br>1008, 10010, 10012 | 1502, 1504, 1506<br>1508, 15010, 15012 | 2002, 2004, 2006,<br>2008, 20010, 20012 |      |                           |
| 1                                                               | CLRG502030                         | CLRG1002030                             | CLRG1502030                            | CLRG2002030                             | 1    | BASE 2"                   |
|                                                                 | CLRG504030                         | CLRG1004030                             | CLRG1504030                            | CLRG2004030                             | 1    | BASE 4"                   |
|                                                                 | CLRG506030                         | CLRG1006030                             | CLRG1506030                            | CLRG2006030                             | 1    | BASE 6"                   |
|                                                                 | CLRG508030                         | CLRG1008030                             | CLRG1508030                            | CLRG2008030                             | 1    | BASE 8"                   |
|                                                                 | CLRG5010030                        | CLRG10010030                            | CLRG15010030                           | CLRG20010030                            | 1    | BASE 10"                  |
|                                                                 | CLRG5012030                        | CLRG10012030                            | CLRG15012030                           | CLRG20012030                            | 1    | BASE 12"                  |
| 2                                                               | CLRG502040                         | CLRG1002040                             | CLRG1502040                            | CLRG2002040                             | 1    | PLUNGER 2"                |
|                                                                 | CLRG504040                         | CLRG1004040                             | CLRG1504040                            | CLRG2004040                             | 1    | PLUNGER 4"                |
|                                                                 | CLRG506040                         | CLRG1006040                             | CLRG1506040                            | CLRG2006040                             | 1    | PLUNGER 6"                |
|                                                                 | CLRG508040                         | CLRG1008040                             | CLRG1508040                            | CLRG2008040                             | 1    | PLUNGER 8"                |
|                                                                 | CLRG5010040                        | CLRG10010040                            | CLRG15010040                           | CLRG20010040                            | 1    | PLUNGER 10"               |
|                                                                 | CLRG5012040                        | CLRG10012040                            | CLRG15012040                           | CLRG20012040                            | 1    | PLUNGER 12"               |
| 3                                                               | CLRG50045                          | CLRG100045                              | CLRG150045                             | CLRG200045                              | 1    | Saddle                    |
| 4                                                               | CLRG50006                          | CLRG100006                              | CLRG150006                             | CLRG200006                              | 1    | Plug                      |
| 5                                                               | ★B1335514                          | ★B1343514                               | ★B1349514                              | ★B1431514                               | 1    | Rod Seal (CLRG)           |
| 6                                                               | ★B1239903                          | ★B1249903                               | ★B1435903                              | ★B1440903                               | 1    | Plug Seal                 |
| 7                                                               | ★B1341513                          | ★B1426513                               | ★B1435513                              | ★B1440513                               | 1    | Piston Seal               |
| 8                                                               | ★CB388044                          | ★F516044                                | ★F549044                               | ★M456044                                | 1    | Wiper Ring                |
| 9                                                               | CAA1120028-4C                      | CAA1120028-4C                           | CAA1120028-4C                          |                                         | 2    | Eyebolt                   |
|                                                                 |                                    |                                         |                                        | CAA1120028-4C                           | 3    | Eyebolt                   |
| 10                                                              | CR400                              | CR400                                   | CR400                                  | CR400                                   | 1    | Coupler                   |
| 11                                                              | CR400                              | CR400                                   | CR400                                  | CR400                                   | 1    | Coupler (CLRG)            |
|                                                                 | BSS6349D                           | BSS6349D                                | BSS6349D                               | BSS6349D                                | 1    | Plug (CLSG)               |
| 12                                                              | CJ160900W                          | CJ160900W                               | CJ160900W                              | CJ160900W                               | 1    | Relief Valve (CLRG)       |
|                                                                 | A1009245                           | A1009245                                | A1009245                               | A1009245                                | 1    | Plug (CLSG)               |
| 13                                                              | CBA1221028-1A                      | CBA1221028-1A                           | CBA1221028-1A                          | CBA1221028-1A                           | 1    | Saddle SHCS               |
|                                                                 | DA5625026                          | DA5625026                               | DA5625026                              | DA5625026                               | 1    | Warning Decal (Not shown) |
|                                                                 | G424026                            | G424026                                 | G424026                                | G424026                                 | 1    | Enerpac Decal (Not shown) |
| ★ Indicates parts only included in the repair kit listed below. |                                    |                                         |                                        |                                         |      |                           |
| CLR                                                             | CLRG50K                            | CLRG100K                                | CLRG150K                               | CLRG200K                                |      | Service Kit               |
| CLS                                                             | CLSG50K                            | CLSG100K                                | CLSG150K                               | CLSG200K                                |      | Service Kit               |

| Repair Parts List for CLSG and CLRG Cylinders |                                         |                                         |                                         |                                         |      |                 |
|-----------------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|------|-----------------|
| Item                                          | Part Number<br>250 Ton<br>CLSG/CLRG     | Part Number<br>300 Ton<br>CLSG/CLRG     | Part Number<br>400 Ton<br>CLSG/CLRG     | Part Number<br>500 Ton<br>CLSG/CLRG     | Qty. | Description     |
|                                               | 2502, 2504, 2506,<br>2508, 25010, 25012 | 3002, 3004, 3006,<br>3008, 30010, 30012 | 4002, 4004, 4006,<br>4008, 40010, 40012 | 5002, 5004, 5006,<br>5008, 50010, 50012 |      |                 |
| 1                                             | CLRG2502030                             | CLRG3002030                             | CLRG4002030                             | CLRG5002030                             | 1    | BASE 2"         |
|                                               | CLRG2504030                             | CLRG3004030                             | CLRG4004030                             | CLRG5004030                             | 1    | BASE 4"         |
|                                               | CLRG2506030                             | CLRG3006030                             | CLRG4006030                             | CLRG5006030                             | 1    | BASE 6"         |
|                                               | CLRG2508030                             | CLRG3008030                             | CLRG4008030                             | CLRG5008030                             | 1    | BASE 8"         |
|                                               | CLRG25010030                            | CLRG30010030                            | CLRG40010030                            | CLRG50010030                            | 1    | BASE 10"        |
|                                               | CLRG25012030                            | CLRG30012030                            | CLRG40012030                            | CLRG50012030                            | 1    | BASE 12"        |
| 2                                             | CLRG2502040                             | CLRG3002040                             | CLRG4002040                             | CLRG5002040                             | 1    | PLUNGER 2"      |
|                                               | CLRG2504040                             | CLRG3004040                             | CLRG4004040                             | CLRG5004040                             | 1    | PLUNGER 4"      |
|                                               | CLRG2506040                             | CLRG3006040                             | CLRG4006040                             | CLRG5006040                             | 1    | PLUNGER 6"      |
|                                               | CLRG2508040                             | CLRG3008040                             | CLRG4008040                             | CLRG5008040                             | 1    | PLUNGER 8"      |
|                                               | CLRG25010040                            | CLRG30010040                            | CLRG40010040                            | CLRG50010040                            | 1    | PLUNGER 10"     |
|                                               | CLRG25012040                            | CLRG30012040                            | CLRG40012040                            | CLRG50012040                            | 1    | PLUNGER 12"     |
| 3                                             | CLRG250045                              | CLRG300045                              | CLRG400045                              | CLRG500045                              | 1    | Saddle          |
| 4                                             | CLRG250006                              | CLRG301006                              | CLRG401006                              | CLRG501006                              | 1    | Plug            |
| 5                                             | ★B1439514                               | ★B1444514                               | ★B1446514                               | ★B14475514                              | 1    | Rod Seal (CLRG) |
| 6                                             | ★B1445903                               | ★B1447903                               | ★B1449903                               | ★B1452903                               | 1    | Plug Seal       |
| 7                                             | ★B1445513                               | ★B1447513                               | ★B1449513                               | ★B1452513                               | 1    | Piston Seal     |

| Repair Parts List for CLSG and CLRG Cylinders                   |                                         |                                         |                                         |                                         |      |                           |
|-----------------------------------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|------|---------------------------|
| Item                                                            | Part Number<br>250 Ton<br>CLSG/CLRG     | Part Number<br>300 Ton<br>CLSG/CLRG     | Part Number<br>400 Ton<br>CLSG/CLRG     | Part Number<br>500 Ton<br>CLSG/CLRG     | Qty. | Description               |
|                                                                 | 2502, 2504, 2506,<br>2508, 25010, 25012 | 3002, 3004, 3006,<br>3008, 30010, 30012 | 4002, 4004, 4006,<br>4008, 40010, 40012 | 5002, 5004, 5006,<br>5008, 50010, 50012 |      |                           |
| 8                                                               | ★F947044                                | ★CLR300776                              | ★CLR400776                              | ★CLR500776                              | 1    | Wiper Ring                |
| 9                                                               |                                         |                                         |                                         |                                         | 2    | Eyebolt                   |
|                                                                 | CAA1120028-4C                           | CAA1240028-4C                           | CAA1240028-4C                           | CAA1240028-4C                           | 3    | Eyebolt                   |
| 10                                                              | CR400                                   | CR400                                   | CR400                                   | CR400                                   | 1    | Coupler                   |
| 11                                                              | CR400                                   | CR400                                   | CR400                                   | CR400                                   | 1    | Coupler (CLRG)            |
|                                                                 | BSS6349D                                | BSS6349D                                | BSS6349D                                | BSS6349D                                | 1    | Plug (CLSG)               |
| 12                                                              | CJ160900W                               | CJ160900W                               | CJ160900W                               | CJ160900W                               | 1    | Relief Valve (CLRG)       |
|                                                                 | A1009245                                | A1009245                                | A1009245                                | A1009245                                | 1    | Plug (CLSG)               |
| 13                                                              | CBA1221028-1A                           | CBA1221028-1A                           | CBA1623028-1A                           | CBA1623028-1A                           | 1    | Saddle SHCS               |
| 14                                                              | —                                       | CLRG300006                              | CLRG400006                              | CLRG500006                              | 1    | Internal Plug             |
| —                                                               | DA5625026                               | DA5625026                               | DA5625026                               | DA5625026                               | 1    | Warning Decal (Not shown) |
| —                                                               | G424026                                 | G424026                                 | G424026                                 | G424026                                 | 1    | Enerpac Decal (Not shown) |
| ★ Indicates parts only included in the repair kit listed below. |                                         |                                         |                                         |                                         |      |                           |
| CLR                                                             | CLRG250K                                | CLRG300K                                | CLRG400K                                | CLRG500K                                |      | Service Kit               |
| CLS                                                             | CLSG250K                                | CLSG300K                                | CLSG400K                                | CLSG500K                                |      | Service Kit               |

| Repair Parts List for CLSG and CLRG Cylinders                   |                                         |                                         |                                              |      |                           |
|-----------------------------------------------------------------|-----------------------------------------|-----------------------------------------|----------------------------------------------|------|---------------------------|
| Item                                                            | Part Number                             | Part Number                             | Part Number                                  | Qty. | Description               |
|                                                                 | 600 Ton<br>CLSG/CLRG                    | 800 Ton<br>CLSG/CLRG                    | 1000 Ton<br>CLSG/CLRG                        |      |                           |
|                                                                 | 6002, 6004, 6006,<br>6008, 60010, 60012 | 8002, 8004, 8006,<br>8008, 80010, 80012 | 10002, 10004, 10006<br>10008, 100010, 100012 |      |                           |
| 1                                                               | CLRG6002030                             | CLRG8002030                             | CLRG10002030                                 | 1    | BASE 2"                   |
|                                                                 | CLRG6004030                             | CLRG8004030                             | CLRG10004030                                 | 1    | BASE 4"                   |
|                                                                 | CLRG6006030                             | CLRG8006030                             | CLRG10006030                                 | 1    | BASE 6"                   |
|                                                                 | CLRG6008030                             | CLRG8008030                             | CLRG10008030                                 | 1    | BASE 8"                   |
|                                                                 | CLRG60010030                            | CLRG80010030                            | CLRG100010030                                | 1    | BASE 10"                  |
|                                                                 | CLRG60012030                            | CLRG80012030                            | CLRG100012030                                | 1    | BASE 12"                  |
| 2                                                               | CLRG6002040                             | CLRG8002040                             | CLRG10002040                                 | 1    | PLUNGER 2"                |
|                                                                 | CLRG6004040                             | CLRG8004040                             | CLRG10004040                                 | 1    | PLUNGER 4"                |
|                                                                 | CLRG6006040                             | CLRG8006040                             | CLRG10006040                                 | 1    | PLUNGER 6"                |
|                                                                 | CLRG6008040                             | CLRG8008040                             | CLRG10008040                                 | 1    | PLUNGER 8"                |
|                                                                 | CLRG60010040                            | CLRG80010040                            | CLRG100010040                                | 1    | PLUNGER 10"               |
|                                                                 | CLRG60012040                            | CLRG80012040                            | CLRG100012040                                | 1    | PLUNGER 12"               |
| 3                                                               | CLRG600045                              | CLRG800045                              | CLRG1000045                                  | 1    | Saddle                    |
| 4                                                               | CLRG601006                              | CLRG801006                              | CLRG1001006                                  | 1    | Plug                      |
| 5                                                               | ★ B1450514                              | ★ B1454514                              | ★ B1456514                                   | 1    | Rod Seal (CLRG)           |
| 6                                                               | ★ B1454903                              | ★ B1458903                              | ★ B1462903                                   | 1    | Plug Seal                 |
| 7                                                               | ★ B1454513                              | ★ B1459513                              | ★ B1462513                                   | 1    | Piston Seal               |
| 8                                                               | ★ CLR600776                             | ★ CLR800776                             | ★ CLR1000776                                 | 1    | Wiper Ring                |
| 9                                                               |                                         |                                         |                                              | 2    | Eyebolt                   |
|                                                                 | CAA1240028-4C                           | CAA1240028-4C                           | CAA1240028-4C                                | 3    | Eyebolt                   |
| 10                                                              | CR400                                   | CR400                                   | CR400                                        | 1    | Coupler                   |
| 11                                                              | CR400                                   | CR400                                   | CR400                                        | 1    | Coupler (CLRG)            |
|                                                                 | BSS6349D                                | BSS6349D                                | BSS6349D                                     | 1    | Plug (CLSG)               |
| 12                                                              | CJ160900W                               | CJ160900W                               | CJ160900W                                    | 1    | Relief Valve (CLRG)       |
|                                                                 | A1009245                                | A1009245                                | A1009245                                     | 1    | Plug (CLSG)               |
| 13                                                              | CBA1623028-1A                           | CBA1623028-1A                           | CBA1623028-1A                                | 1    | Saddle SHCS               |
| 14                                                              | CLRG600006                              | CLRG800006                              | CLRG1000006                                  | 1    | Internal Plug             |
|                                                                 | DA5625026                               | DA5625026                               | DA5625026                                    | 1    | Warning Decal (Not shown) |
|                                                                 | G424026                                 | G424026                                 | G424026                                      | 1    | Enerpac Decal (Not shown) |
| ★ Indicates parts only included in the repair kit listed below. |                                         |                                         |                                              |      |                           |
| CLR                                                             | CLRG600K                                | CLRG800K                                | CLRG1000K                                    |      | Service Kit               |
| CLS                                                             | CLSG600K                                | CLSG800K                                | CLSG1000K                                    |      | Service Kit               |

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All Enerpac products are guaranteed against defects in workmanship and materials for as long as you own them.

For the location of your nearest authorized Enerpac Service Center, visit us at [www.enerpac.com](http://www.enerpac.com)

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