# Parts Manual

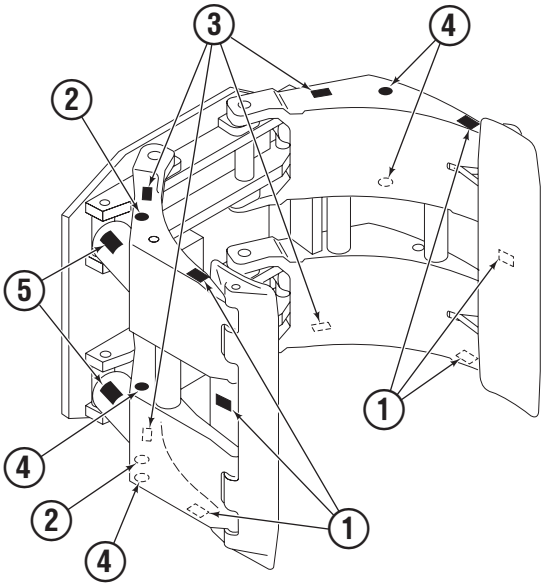
**Model** Paper Roll Clamp

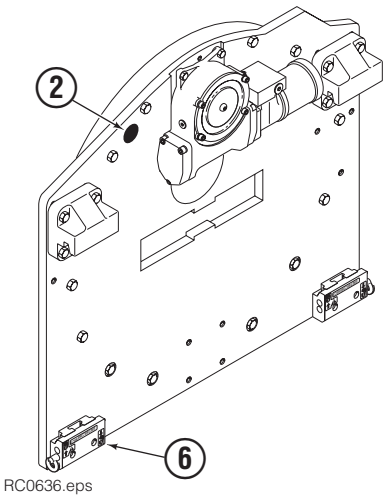
**Catalog Number** 100F-RCP-4A-76573

cascade® corporation

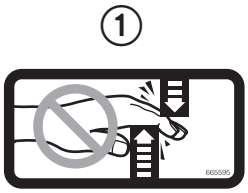
**For Technical Assistance call:** 800-227-2233, Fax: 888-329-8207
**To Order Parts call:** 888-227-2233, Fax: 888-329-0234
**OR**
**Write:** Cascade Corporation, P.O. Box 20187, Portland, OR 97220
**Internet:** www.cascorp.com

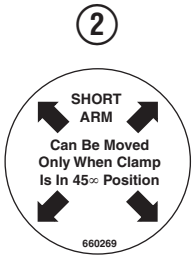
# Safety Decals



RC0636.eps

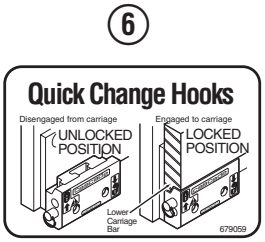








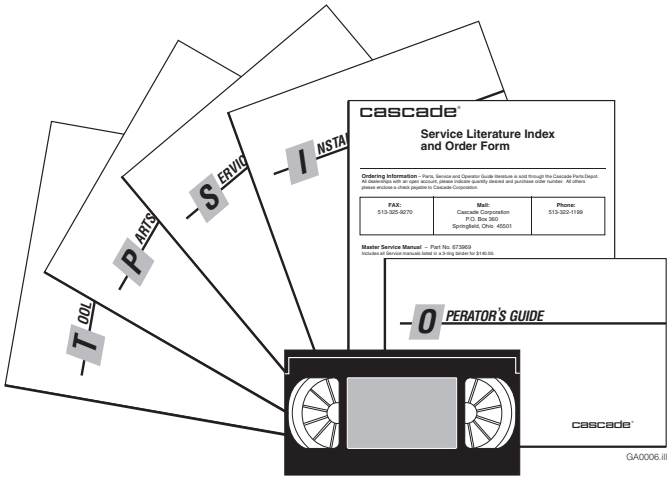







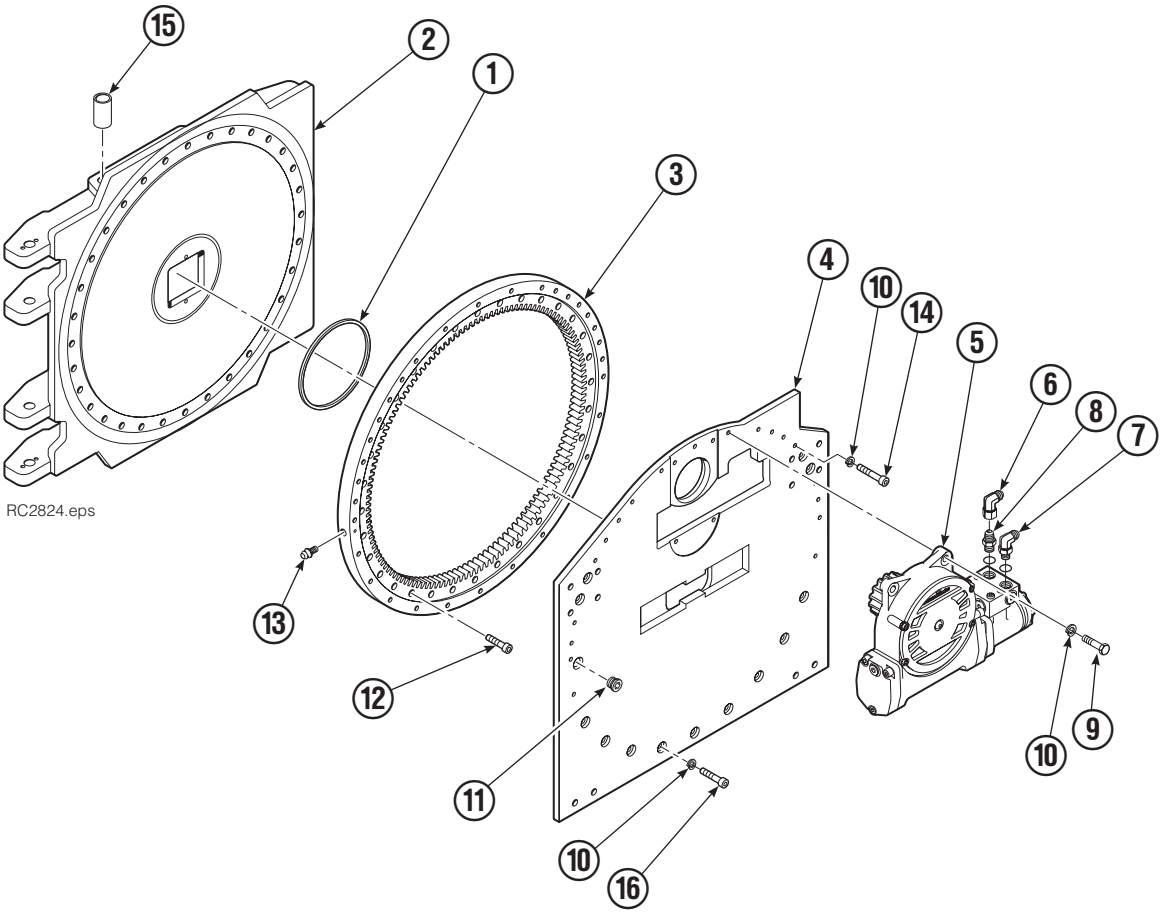
| REF | QTY | PART NO. | DESCRIPTION |
|---|---|---|---|
| 1 | 6 | 665595 | No Hand Hold Decal |
| 2 | 3 | 660269 | Short Arm Rotation Position Decal |
| 3 | 4 | 656038 | Caution Decal |
| 4 | 4 | 679150 | No Step Decal |
| 5 | 4 | 665677 | Trapped Pressure Decal |
| 6 | 1 | 679059 | Quick-Change Hook Decal |

# Publications




| F-Series Roll Clamp | |
|---|---|
| **PART NO.** | **DESCRIPTION** |
| 674512 | Service Manual |
| 210135 | Operators Guide – Fixed Frame |
| 676268 | Operators Guide – Swing Frame |
| 674510 | Installation Instructions – Fixed Frame |
| 674511 | Installation Instructions – Swing Frame |
| 677555 | Driver Training Video – VHS |
| 678363 | Troubleshooting – VHS |
| 680664 | Servicing Cascade Cylinders – VHS |
| 679929 | Tool Catalog |
| 673964 | Literature Index Order Form |

# Frame Group



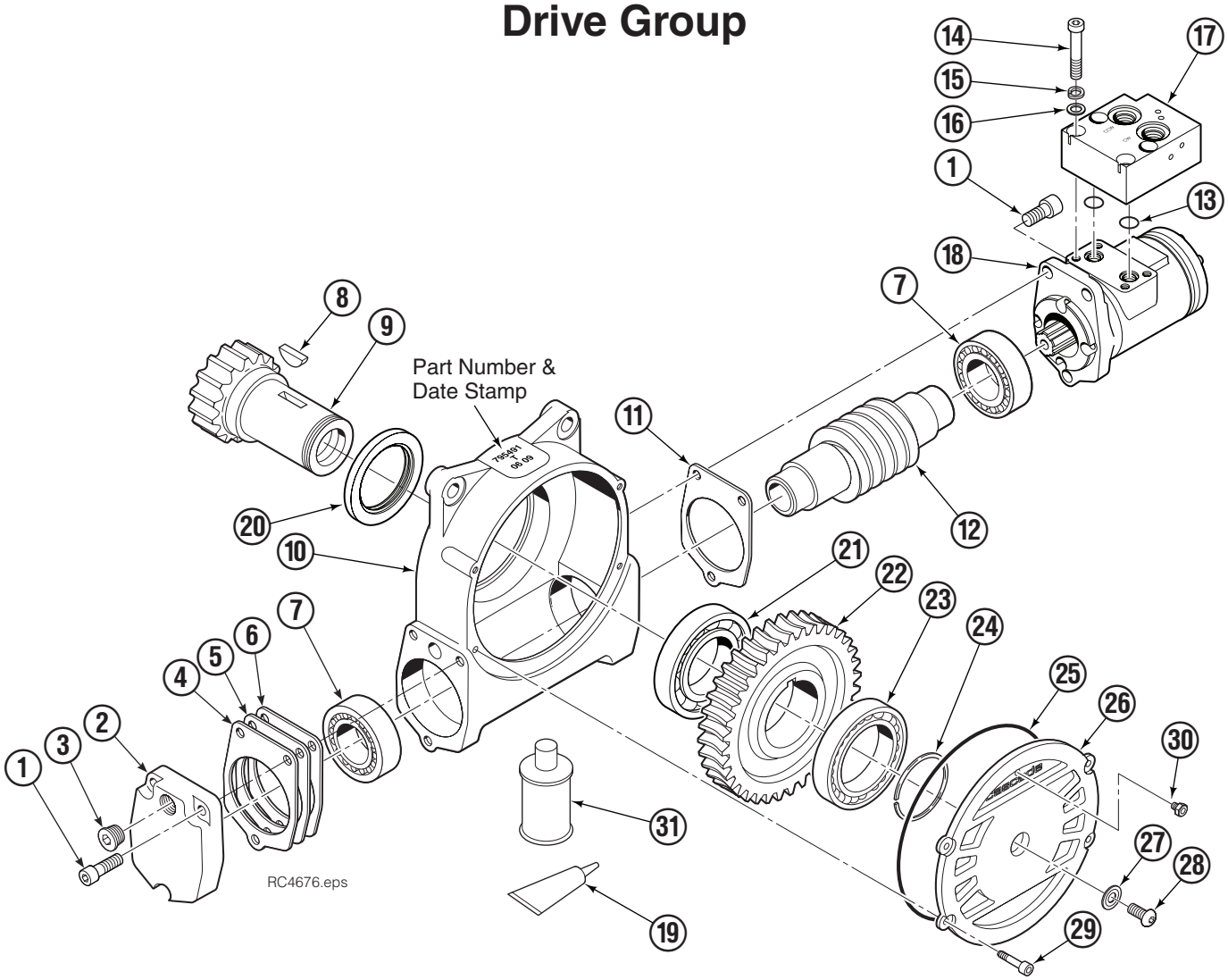

| REF | QTY | PART NO. | DESCRIPTION |
|---|---|---|---|
| | | 6272844 | Frame Group |
| 1 | 1 | 670931 | Seal |
| 2 | 1 | 6261441 | Frame ◆ |
| 3 | 1 | 214481 | Bearing Assembly |
| 4 | 1 | 6260019 | Baseplate |
| 5 | 1 | 6262411 | Drive Group ▲ |
| 6 | 1 | 605761 | Fitting, 8-8 |
| 7 | 1 | 601250 | Fitting, 8-8 |
| 8 | 1 | 601377 | Fitting, 8-8 |
| 9 | 4 | 763021 | Capscrew, M12 x 30 |
| 10 | 36 | 681473 | Lockwasher, M12 |
| 11 | 1 | 664071 | Plug |
| 12 | 32 | 683818 | Capscrew, M12 x 50 |
| 13 | 1 | 7401 | Grease Fitting |
| 14 | 19 | 213633 | Capscrew, M12 x 55 |
| 15 | 8 | 675007 | Bushing ◆ |
| 16 | 13 | 206174 | Capscrew, M12 x 45 |

▲ See Drive Group page for parts breakdown.

◆ Included in Frame Assembly 6261451.

Reference: Common Parts 6858470, Fastener Kit 223703.

# Drive Group

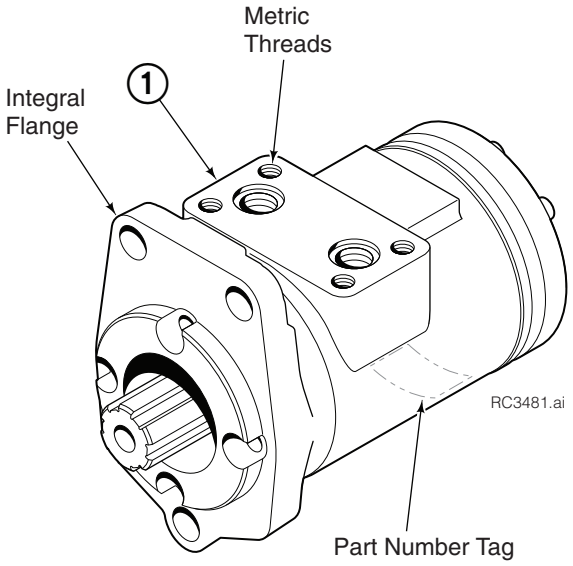



| REF | QTY | PART NO. | DESCRIPTION | REF | QTY | PART NO. | DESCRIPTION |
|---|---|---|---|---|---|---|---|
| | | 6262411 | Drive Group with 2.8 c.i. Motor | 17 | 1 | 6807931 | Check Valve ◆ |
| 1 | 6 | 769570 | Capscrew, M12 x 25 | 18 | 1 | 6838739 | Drive Motor – 2.8 c.i. ■ |
| 2 | 1 | 676855 | Cover | 19 | 1 | 668184 | Sealant |
| 3 | 1 | 604510 | Fitting, 6 | 20 | 1 | 3014870 | Seal |
| 4 | ● | 670574 | Shim – .010" (brown) | 21 | 1 | 6033892 | Bearing ★ |
| 5 | ● | 671757 | Shim – .015" (pink) | 22 | 1 | 675609 | Worm Gear |
| 6 | ● | 671758 | Shim – .020" (yellow) | 23 | 1 | 670581 | Bearing |
| 7 | 2 | 670579 | Bearing | 24 | 1 | 7214 | Snap Ring |
| 8 | 1 | 670582 | Key | 25 | 1 | 643423 | O-Ring |
| 9 | 1 | 670556 | Pinion | 26 | 1 | 775552 | Cover |
| 10 | 1 | 775551 | Housing | 27 | 1 | 783609 | Seal |
| 11 | 1 | 686465 | Gasket | 28 | 1 | 783608 | Capscrew, M10 x 16 |
| 12 | 1 | 675608 | Worm | 29 | 4 | 200882 | Capscrew, M8 x 20 |
| 13 | 2 | 2705 | O-Ring | 30 | 1 | 644010 | Relief Fitting |
| 14 | 4 | 768798 | Capscrew, M8 x 40 | 31 | 1 | 656300 | Gear Box Lube – 48 oz. |
| 15 | 4 | 787384 | Lockwasher, M8 | | | 670578 | Shim Service Kit (items 4-6,11,25) |
| 16 | 4 | 221494 | Washer, M8 | | | | |

● Quantity as required.
Reference: SK-9336, SK-9458.

◆ See Valve page for parts breakdown.
■ See Drive Motor page for parts breakdown.
★ For service replacement use Bearing 670580.

# Drive Motor

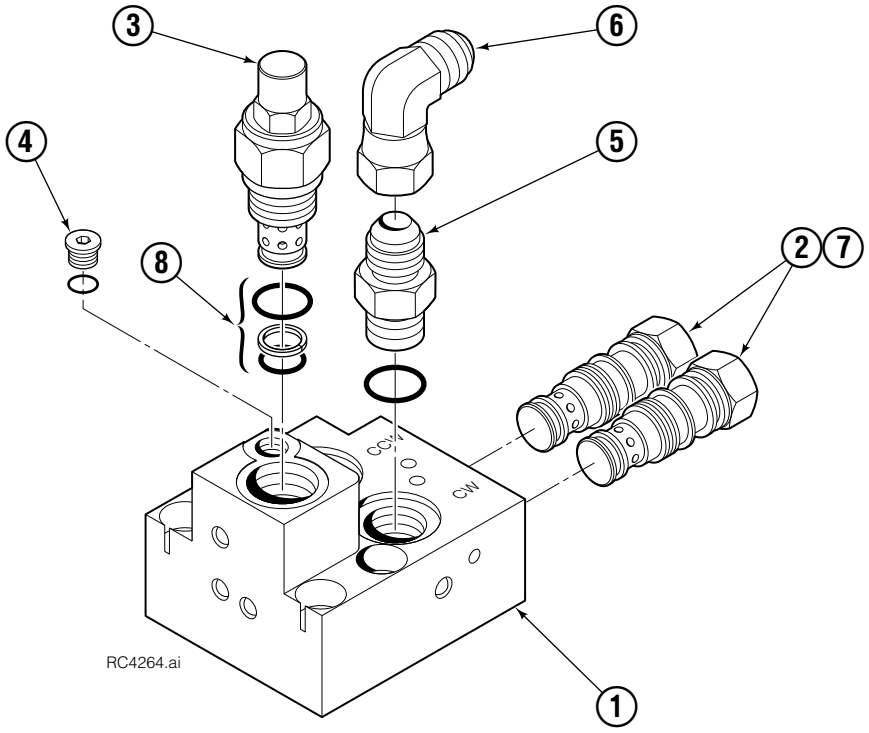



| REF | QTY | PART NO. | DESCRIPTION |
|---|---|---|---|
| 1 | 1 | 6838739 | Drive Motor – 2.8 c.i. |
| ● | 1 | 206405 | Service Kit |

● Compatible with water glycol based hydraulic fluids.

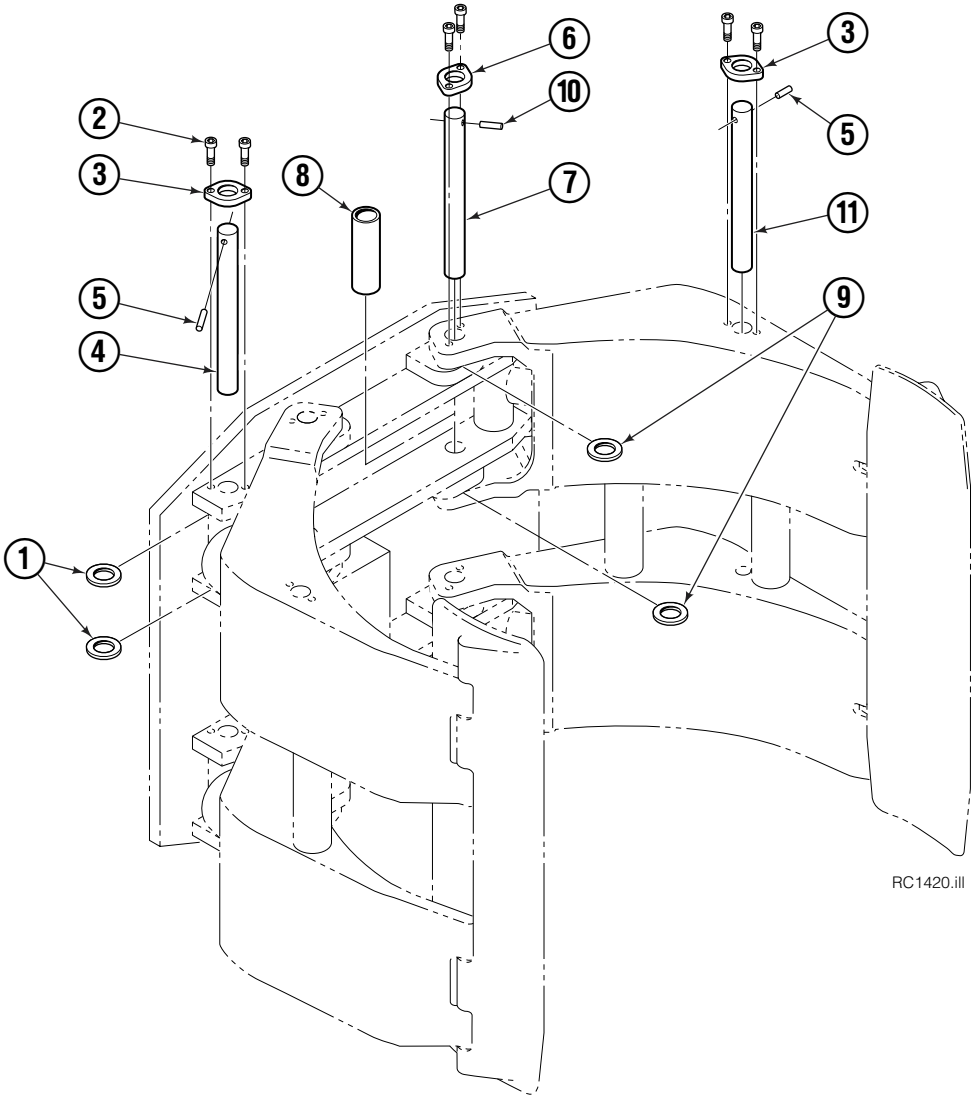
Cascade provides service replacement parts for the listed parts only. Due to cost, if other parts need replacement, the complete drive motor should be replaced.

# Check Valve



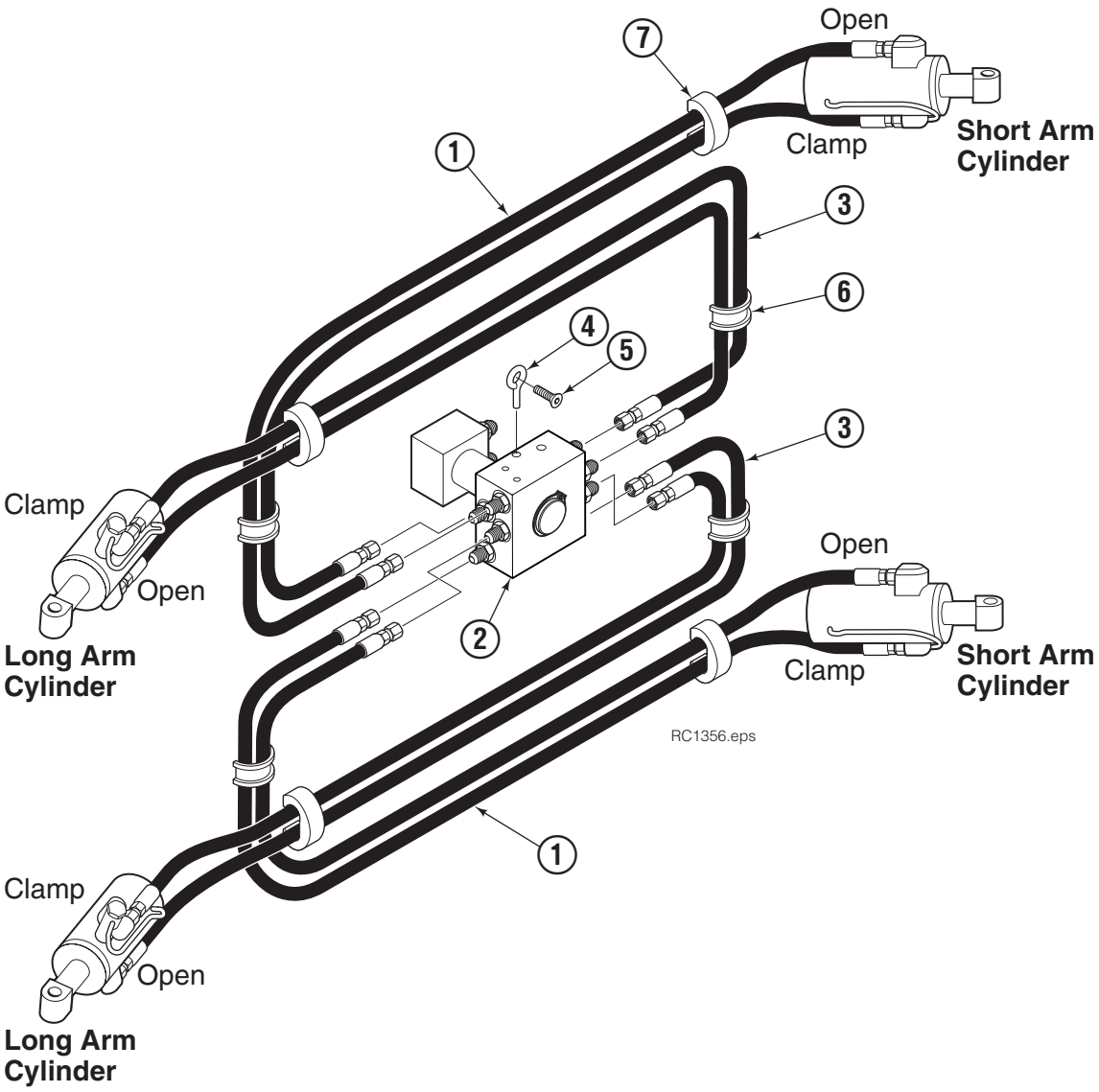

| REF | QTY | PART NO. | DESCRIPTION |
|---|---|---|---|
| | | 6807931 | Check Valve Assembly |
| 1 | 1 | 6807932 | Valve Body |
| 2 | 2 | 6038929 | Check Valve Cartridge – PO |
| 3 | 1 | 214405 | Relief Valve Cartridge |
| 4 | 1 | 663694 | Plug, 3 |
| 5 | 1 | 601377 | Fitting, 8-8 |
| 6 | 1 | 605761 | Fitting, 8-8 |
| 7 | 2 | 667516 | Seal Kit |
| 8 | 1 | 682170 | Seal Kit |

# Common Components Group




| REF | QTY | PART NO. | DESCRIPTION |
|---|---|---|---|
| | | 383449 | Components Group |
| 1 | 8 | 660200 | Shim |
| 2 | 24 | 768809 | Capscrew, M8 X 16 |
| 3 | 8 | 206589 | Retainer |
| 4 | 4 | 675018 | Pin |
| 5 | 8 | 673385 | Drive Pin |
| 6 | 4 | 206591 | Retainer |
| 7 | 4 | 675022 | Pin |
| 8 | 4 | 681673 | Spacer |
| 9 | 16 | 673379 | Shim |
| 10 | 4 | 675086 | Drive Pin |
| 11 | 4 | 675020 | Pin |

# Hose Group

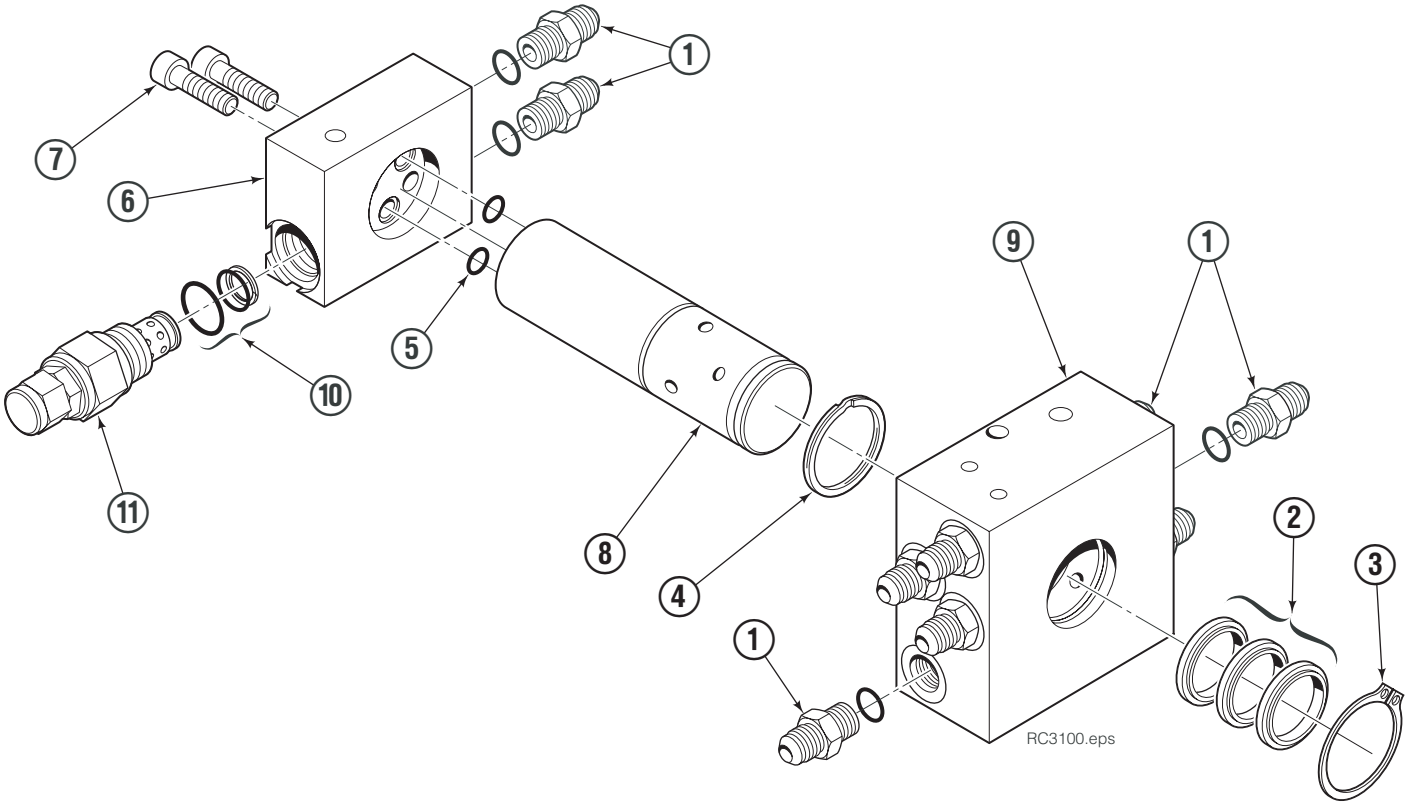



| REF | QTY | PART NO. | DESCRIPTION |
|---|---|---|---|
| | | 6261457 | Hose Group |
| 1 | 4 | 686458 | Hose |
| 2 | 1 | ■ | Revolving Connection |
| 3 | 4 | 6043190 | Hose |
| 4 | 2 | 227962 | Eye Pin ● |
| 5 | 2 | 768697 | Capscrew, M10 x 25 ● |
| 6 | 4 | 680114 | Insert |
| 7 | 4 | 673417 | Segment |

■ See Revolving Connection page for parts breakdown.

● Not included in Hose Group.

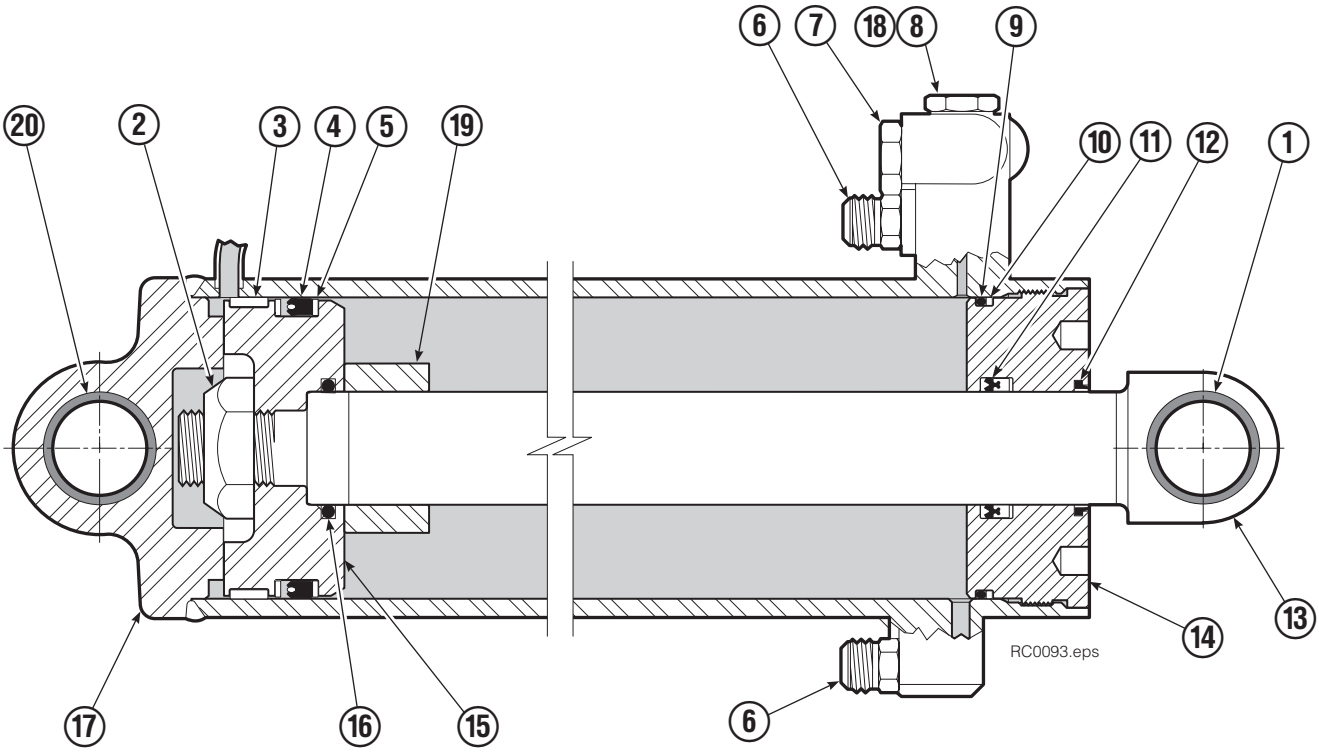
# Revolving Connection

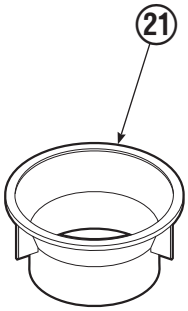



| 90F | | | |
|---|---|---|---|
| **REF** | **QTY** | **PART NO.** | **DESCRIPTION** |
| | | 6026287 | Revolving Connection |
| 1 | 10 | 604511 | Fitting, 6-6 |
| 2 | 3 | 214649 | ◆ Seal |
| 3 | 1 | 3138 | ◆ Retaining Ring |
| 4 | 1 | 7341 | ◆ Retaining Ring |
| 5 | 2 | 684587 | ◆ O-Ring |
| 6 | 1 | 6026247 | End Block |
| 7 | 2 | 768798 | ◆ Capscrew, M8 x 45 |
| 8 | 1 | 6023343 | Shaft |
| 9 | 1 | 6023358 | Body |
| 10 | 1 | 682170 | Seal Kit |
| 11 | 1 | 6047620 | Crossover Relief Valve |

◆ Included in Service Kit 6026296.

# Cylinder Assembly - Short Arm



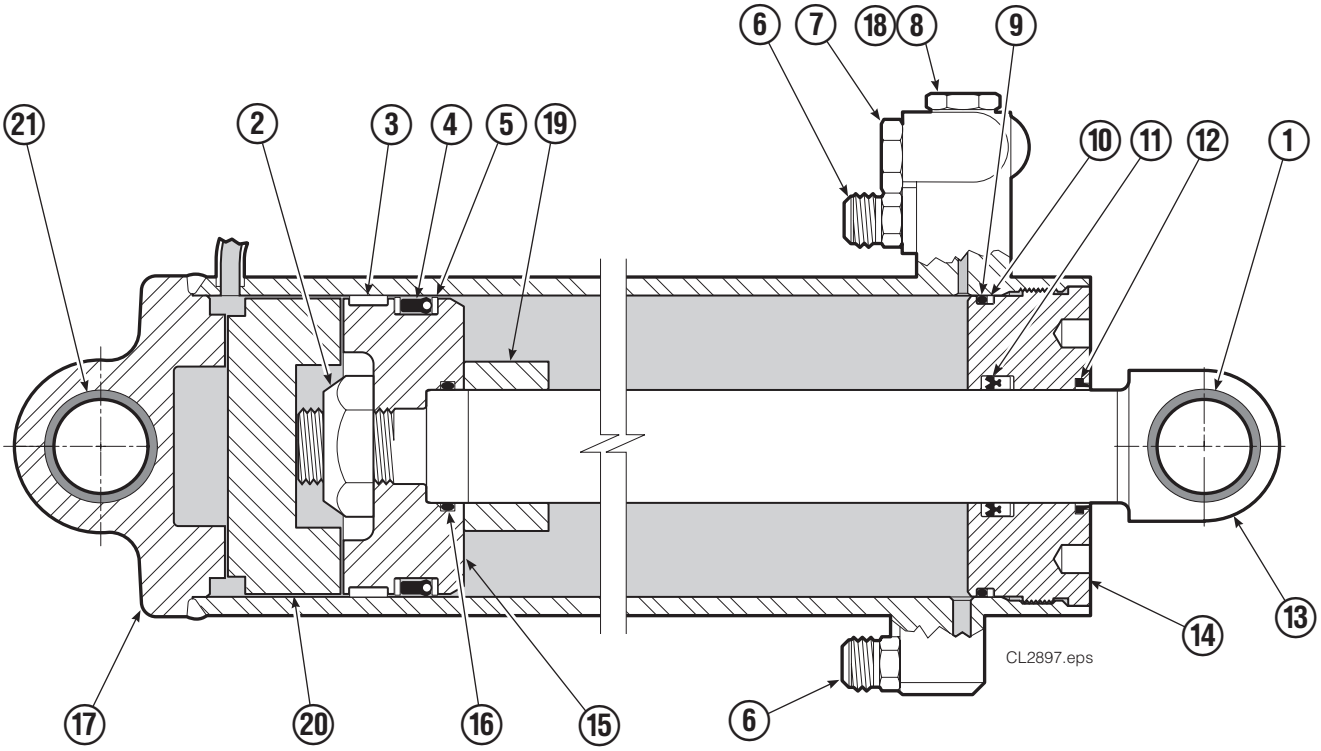



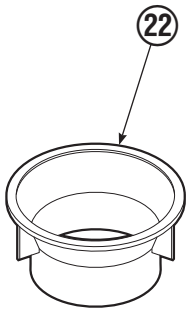

| REF | QTY | PART NO. | DESCRIPTION |
|---|---|---|---|
| | | 6091129 | Cylinder Assembly |
| 1 | 1 | 674843 | Bearing |
| 2 | 1 | 560997 | Nut |
| 3 | 1 | 660769 | ◆ Bearing |
| 4 | 1 | 662462 | ◆ Seal |
| 5 | 2 | 638295 | ◆ Nylon Ring |
| 6 | 2 | 604511 | Fitting, 6-6 |
| 7 | 1 | 556852 | Fitting, 4 |
| 8 | 1 | 557212 | Check Valve |
| 9 | 1 | 6025373 | ◆ O-Ring |
| 10 | 1 | 615144 | ◆ Back-up Ring |
| 11 | 1 | 554598 | ◆ Seal |
| 12 | 1 | 564930 | ◆ Wiper |
| 13 | 1 | 6091130 | Rod |
| 14 | 1 | 555724 | Retainer |
| 15 | 1 | 557389 | Piston |
| 16 | 1 | 2722 | ◆ O-Ring |
| 17 | 1 | 6091131 | Shell |
| 18 | 1 | 667516 | Check Valve Service Kit |
| 19 | 1 | — | Spacer |
| 20 | 2 | 675006 | Bearing |
| 21 | 1 | 669243 | Seal Loader Kit |
| | | 555725 | Service Kit |

◆ Included in Service Kit 555725.

Reference: S-5313, S-5314.

# Cylinder Assembly



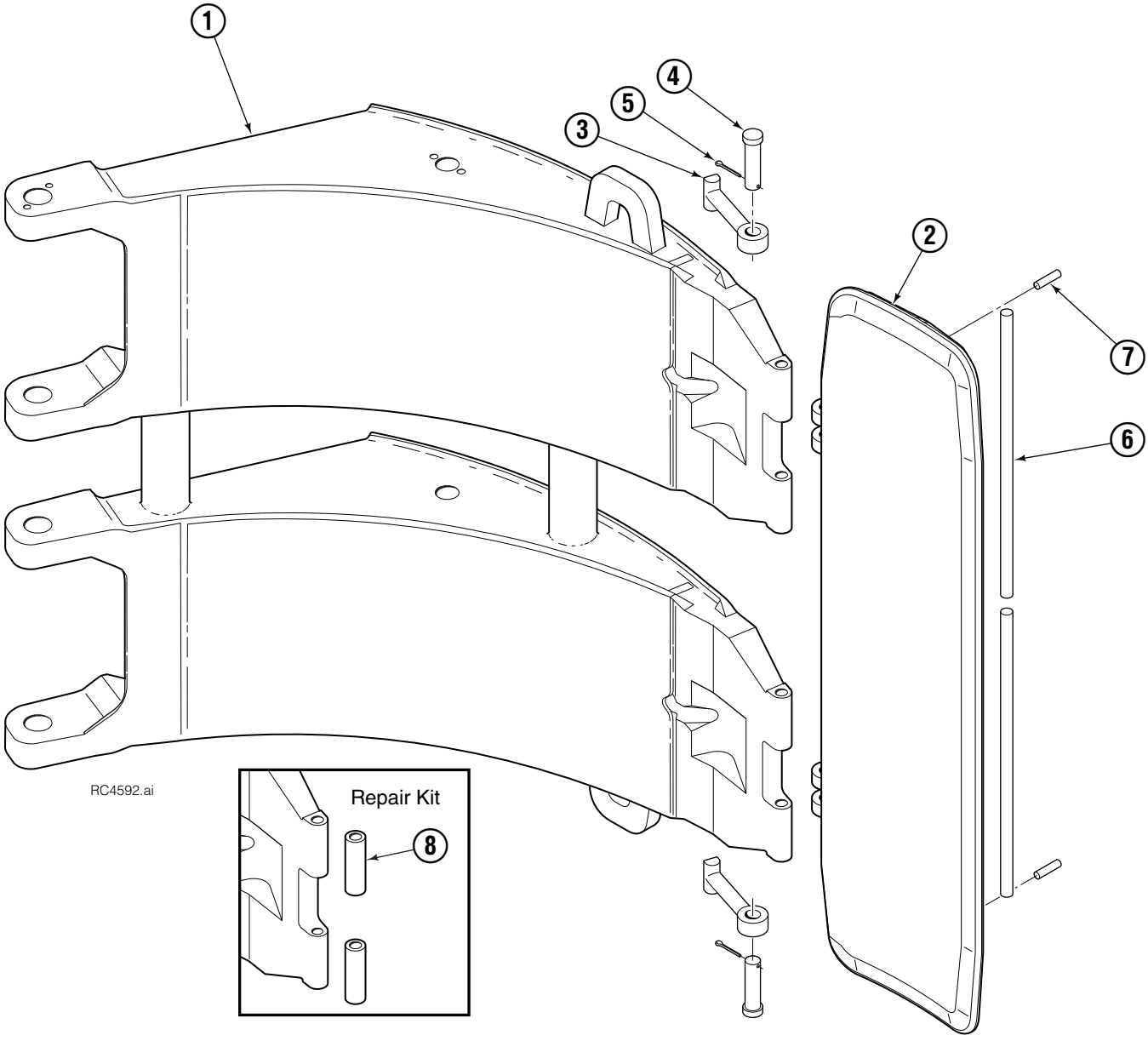




| REF | QTY | PART NO. | DESCRIPTION |
|---|---|---|---|
| | | 6091125 | Cylinder |
| 1 | 1 | 674843 | Bearing |
| 2 | 1 | 560997 | Nut |
| 3 | 1 | 660769 | Bearing ◆ |
| 4 | 1 | 662462 | Seal ◆ |
| 5 | 2 | 638295 | Back-up Ring ◆ |
| 6 | 2 | 604511 | Fitting, 6-6 |
| 7 | 1 | 556852 | Fitting, 4 |
| 8 | 1 | 557212 | Check Valve |
| 9 | 1 | 6025373 | O-Ring ◆ |
| 10 | 1 | 615144 | Back-up Ring ◆ |
| 11 | 1 | 554598 | Seal ◆ |
| 12 | 1 | 564930 | Wiper ◆ |
| 13 | 1 | 6091126 | Rod |
| 14 | 1 | 555724 | Retainer |
| 15 | 1 | 557389 | Piston |
| 16 | 1 | 2722 | O-Ring ◆ |
| 17 | 1 | 6091127 | Shell |
| 18 | 1 | 667516 | Service Kit |
| 19 | 1 | — | Rod Spacer |
| 20 | 1 | — | Head Spacer |
| 21 | 2 | 675006 | Bearing |
| 22 | 1 | 669243 | Seal Loader ◆ |
| | | 555725 | Service Kit |

◆ Included in Service Kit 555725.

Reference: S-5320, S-5321.

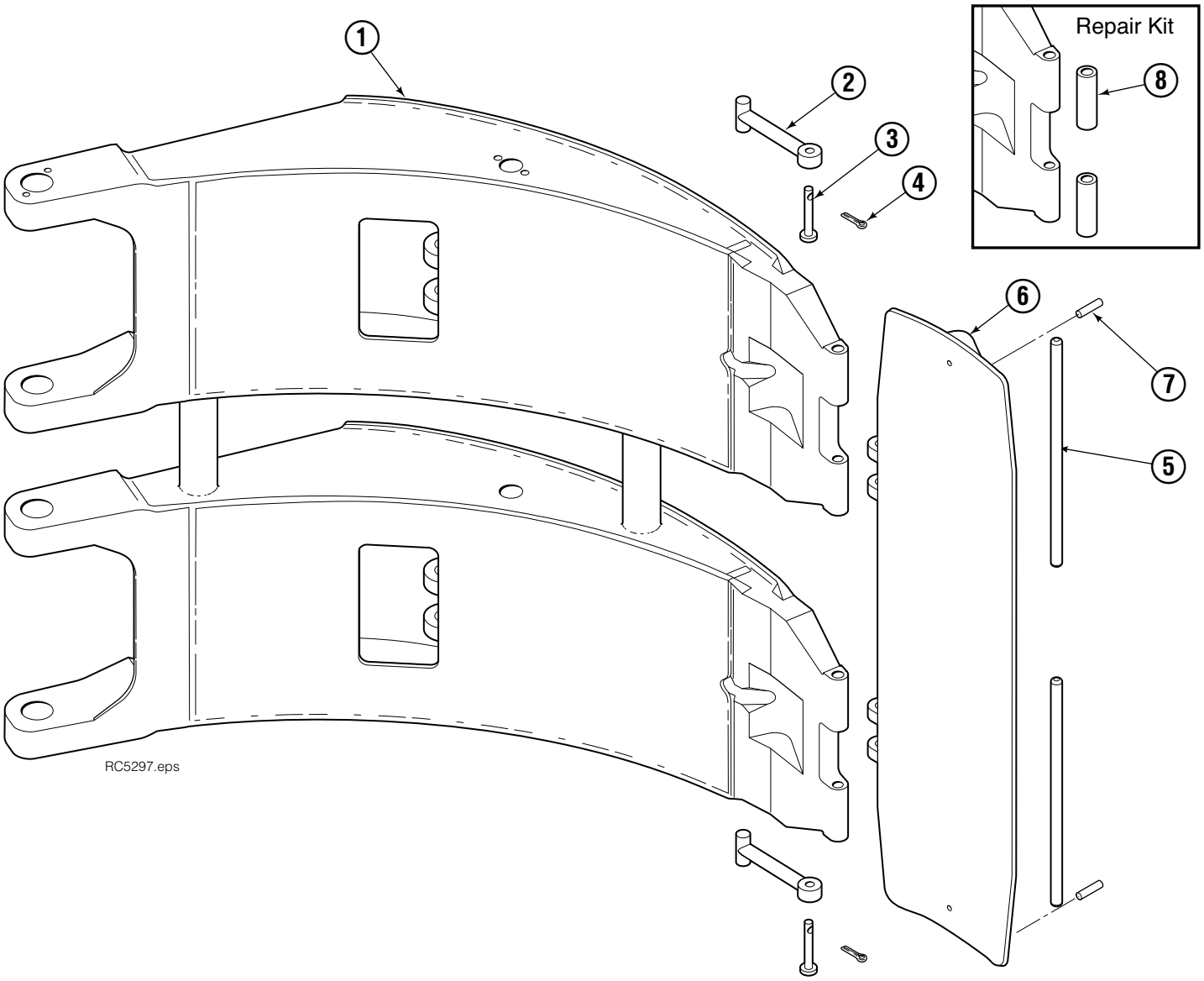
# Contact Pad Group – Short Arm




| REF | QTY | PART NO. | DESCRIPTION |
|---|---|---|---|
| | | 6871787 | Contact Pad Group ● |
| 1 | 1 | 6289371 | Short Arm |
| 2 | 1 | 6861953 | Contact Pad |
| 3 | 2 | 674994 | Link |
| 4 | 2 | 682978 | Clevis Pin |
| 5 | 2 | 6525 | Cotter Pin |
| 6 | 2 | 6063568 | Pin |
| 7 | 2 | 6061694 | Drive Pin |
| 8 | 1 | 676810 | Arm Tip Repair Kit |

● Includes items 2-7.

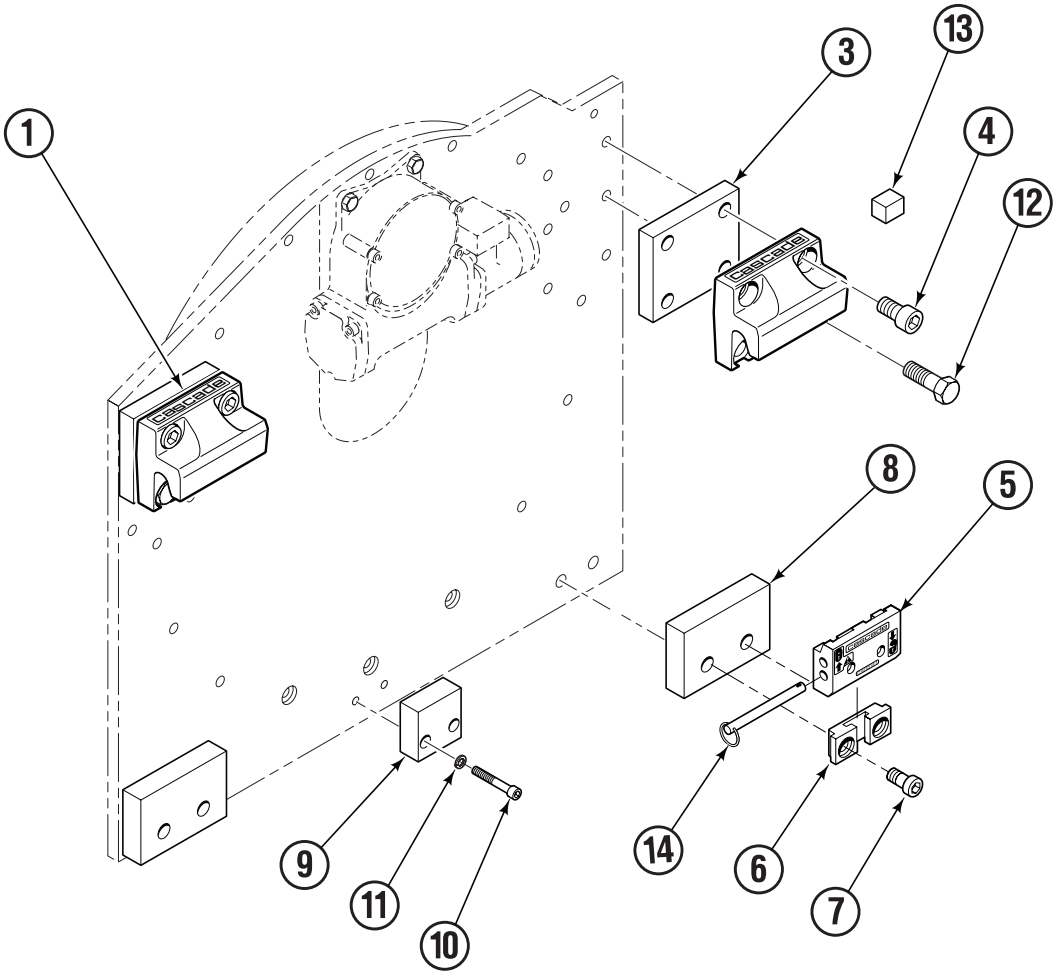
# Contact Pad Group – Long Arm




| REF | QTY | PART NO. | DESCRIPTION |
|---|---|---|---|
| | | 6871786 | Contact Pad Group ◆ |
| 1 | 1 | 6272843 | Long Arm |
| 2 | 2 | 674994 | Link |
| 3 | 2 | 682978 | Clevis Pin |
| 4 | 2 | 6525 | Cotter Pin |
| 5 | 2 | 6063568 | Pin |
| 6 | 2 | 6061694 | Drive Pin |
| 7 | 1 | 6855929 | Contact Pad |
| 8 | 1 | 676810 | Arm Tip Repair Kit |

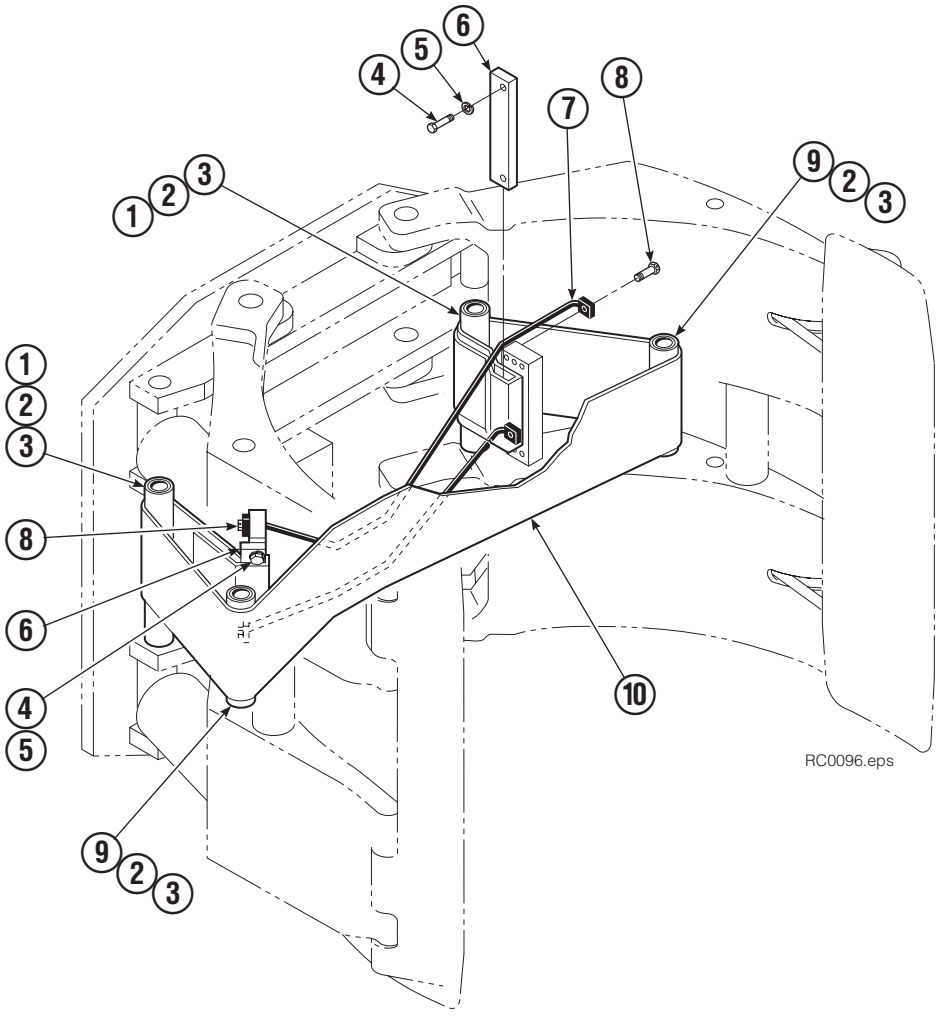
◆ Includes items 2 – 7 only.

# Bolt-On Mounting Group




| Class IV, 2° | | | |
|---|---|---|---|
| **REF** | **QTY** | **PART NO.** | **DESCRIPTION** |
| | | 6289355 | Mounting Group |
| 1 | 1 | 6884890 | Upper Hook – LH |
| 2 | 1 | 6884402 | Upper Hook – RH |
| 3 | 2 | 6245911 | Upper Spacer |
| 4 | 4 | 766121 | Capscrew, M20 x 60 |
| 5 | 2 | 679829 | Lower Hook |
| 6 | 4 | 679830 | Washer |
| 7 | 4 | 769584 | Capscrew, M20 x 70 |
| 8 | 2 | 681019 | Lower Spacer |
| 9 | 1 | 675081 | Center Spacer |
| 10 | 2 | 768810 | Capscrew, M10 x 30 |
| 11 | 2 | 680030 | Lockwasher, M10 |
| 12 | 4 | 6405089 | Capscrew, M20 x 60 |
| 13 | 1 | 670704 | Stop Block Kit |
| 14 | 0 | 679831 | Pin |

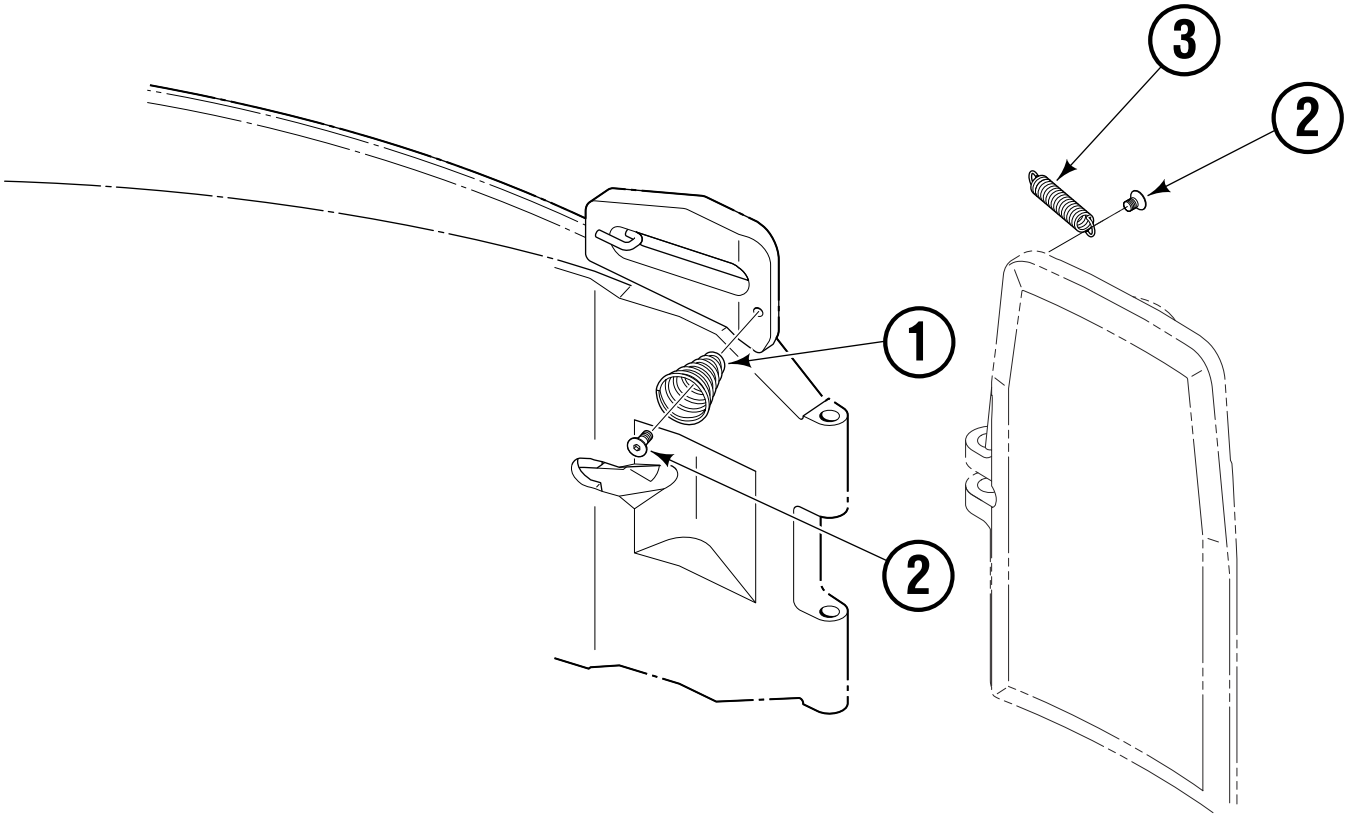
# Adjustable Bumper




| REF | QTY | PART NO. | DESCRIPTION |
|---|---|---|---|
| | | 6097620 | Adjustable Bumper Group |
| 1 | 2 | 675027 | Roller |
| 2 | 8 | 674041 | Bearing |
| 3 | 12 | 660200 | Shim |
| 4 | 4 | 768554 | Capscrew, M12 x 35 |
| 5 | 4 | 6455 | Lockwasher |
| 6 | 2 | 6059959 | Bar |
| 7 | 2 | 676419 | Tie Down |
| 8 | 4 | 787373 | Capscrew, M8 x 25 |
| 9 | 2 | 675026 | Roller |
| 10 | 1 | 6097622 | Belt |

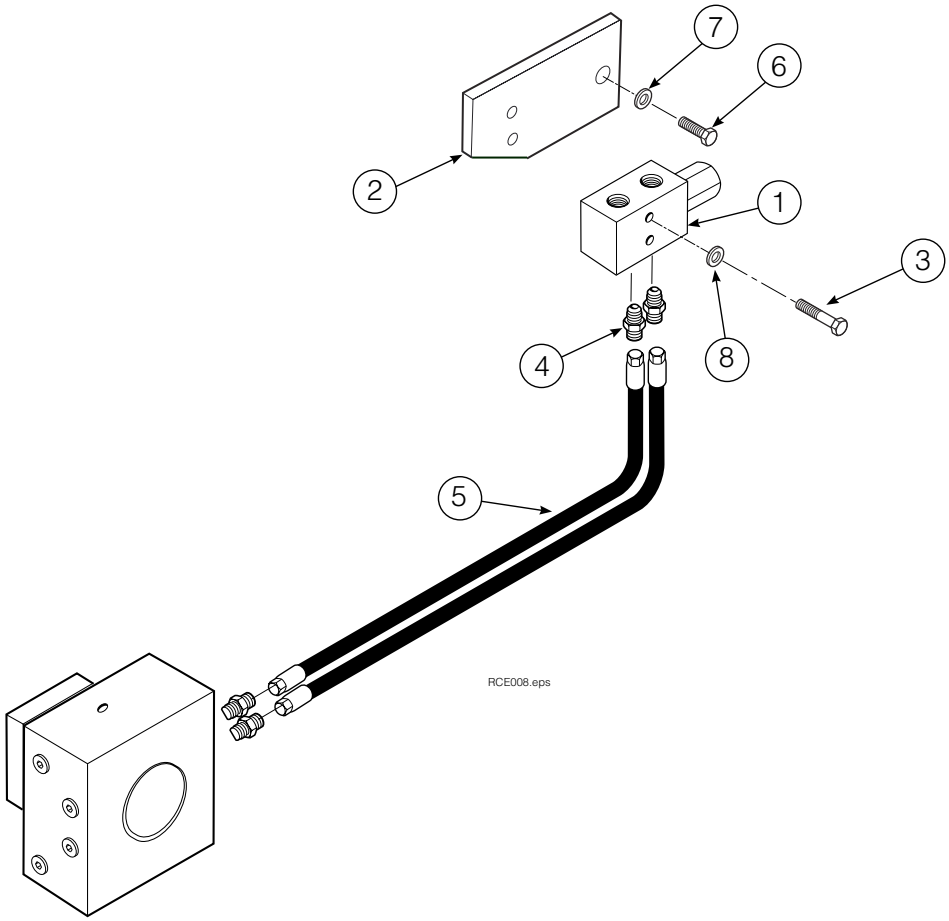
Reference: Common Parts Group 6059966, SK-5008.

# Spring Kit




| REF | QTY | PART NO. | DESCRIPTION |
|---|---|---|---|
| | | 6091342 | Spring Kit |
| 1 | 1 | 1019013 | Spring |
| 2 | 1 | 766125 | Capscrew |
| 3 | 1 | 209914 | Spring |

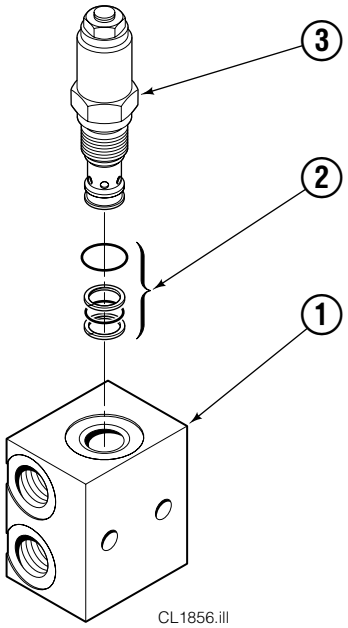
# Adjustable Relief Valve Kit




| REF | QTY | PART NO. | DESCRIPTION |
|---|---|---|---|
| | | 6260278 | Adjustable Relief Valve Kit |
| 1 | 1 | 677379 | Relief Valve Assembly ◆ |
| 2 | 1 | 6260280 | Adapter Plate |
| 3 | 2 | 768528 | Capscrew |
| 4 | 2 | 601377 | Fitting |
| 5 | 2 | 6235460 | Hose |
| 6 | 1 | 211689 | Capscrew |
| 7 | 1 | 681473 | Washer |
| 8 | 2 | 787389 | Washer |

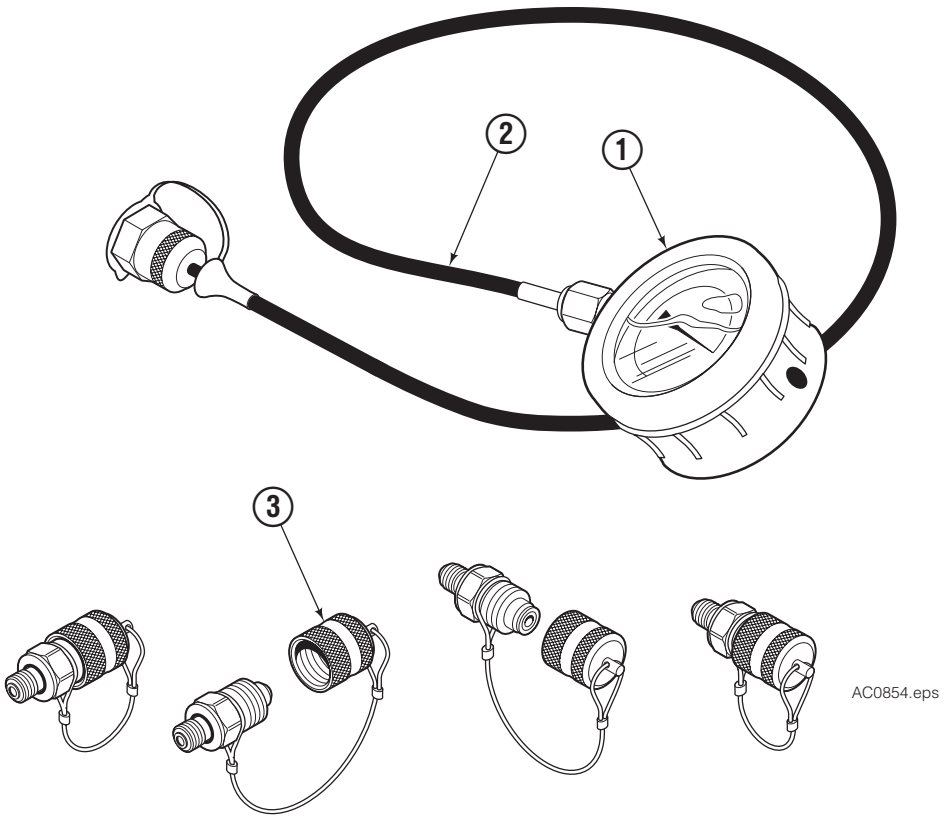
◆ See Valve Assembly page for parts breakdown.

# Valve




| REF | QTY | PART NO. | DESCRIPTION |
|---|---|---|---|
| | | 677379 | Valve Assembly |
| 1 | 1 | 677378 | Valve Body |
| 2 | 1 | 684625 | Service Kit |
| 3 | 1 | 677400 | Relief Cartridge |

# Pressure Test Gauge Kit




| REF | QTY | PART NO. | DESCRIPTION |
|---|---|---|---|
| | | 6034612 | Pressure Guage Kit ● |
| | | 6034611 | Test Point Fitting Kit ■ |
| 1 | 1 | 6006017 | Guage with Guard |
| 2 | 1 | 6004477 | Hose |
| 3 | 2 | 6004478 | Test Point Fitting |

● Includes items 1 and 2.

■ Includes item 3.

# PARTS ORDERING LOG

| DATE | PURCHASE ORDER | SERIAL NUMBER | PAGE | REF NO. | QTY | CASCADE PART NO. | CUSTOMER PART NO. | DESCRIPTION | PRICE |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

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Mississauga, Ontario
Canada L4W-4M6
Tel: 905-629-7777
Fax: 905-629-7785

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Rua João Guerra, 134
Macuco, Santos - SP
Brasil 11015-130
Tel: 55-13-2105-8800
Fax: 55-13-2105-8899

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