



Parts Manual

Model _____ Fork Positioner

Serial Number _____ 150H-FPS-150

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

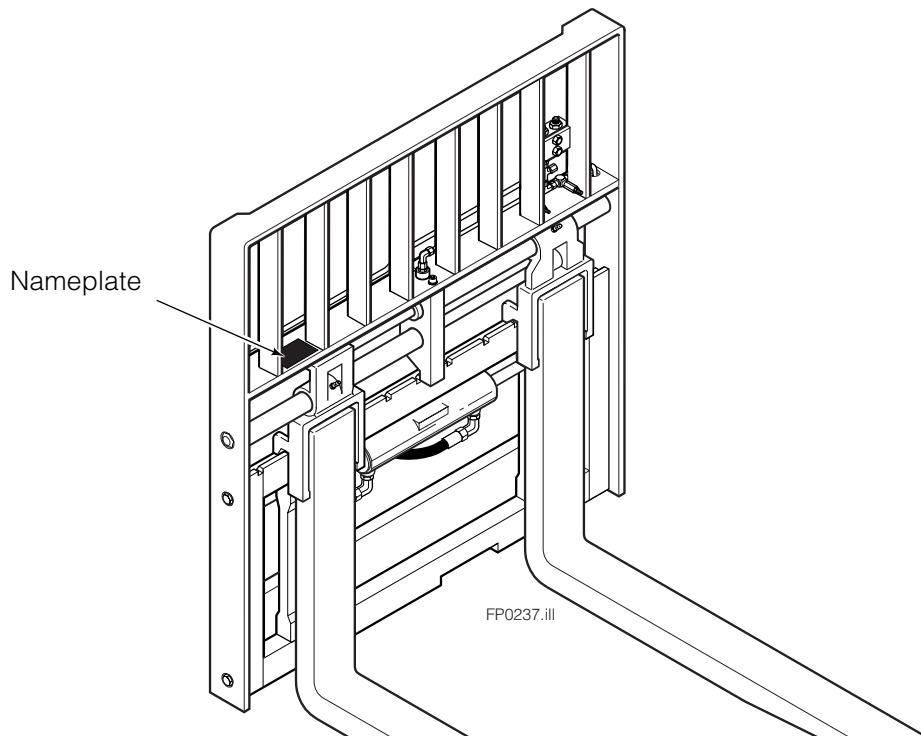
Write: Cascade Corporation, P.O. Box 20187, Portland, OR 97220

Internet: www.cascorp.com

About This Manual

Introduction

This Manual shows the parts breakdown for the 150H Fork Positioner. Locate the nameplate on the left side of the backrest. If the nameplate is missing all necessary information is stamped into the backrest at the same location. The serial number must be supplied when ordering replacement parts for this product.



Ordering Parts

Customers – Cascade parts and service literature is available through authorized lift truck dealers. To place an order, contact the lift truck dealer of your choice.

Lift Truck Dealers – To order parts and service literature contact:

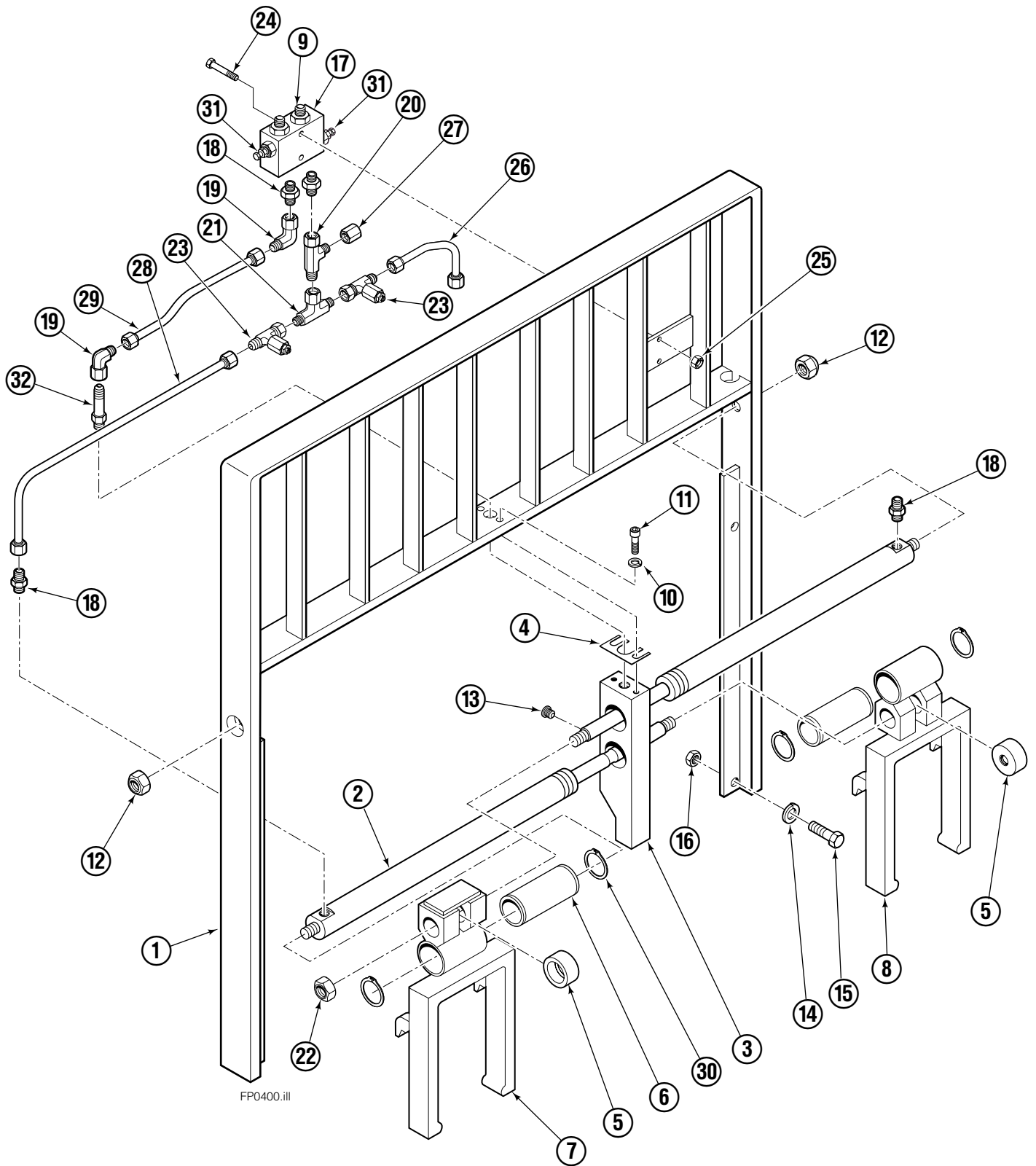
Cascade Parts Sales

2501 Sheridan Avenue
Springfield, OH 45505
Tel: 888-CAS-CADE (227-2233)
FAX: 888-329-0234



WARNING: For the safety of yourself and others, DO NOT install the parts shown in this Manual unless you have thoroughly reviewed the appropriate Service Manual.

Fork Positioner Assembly



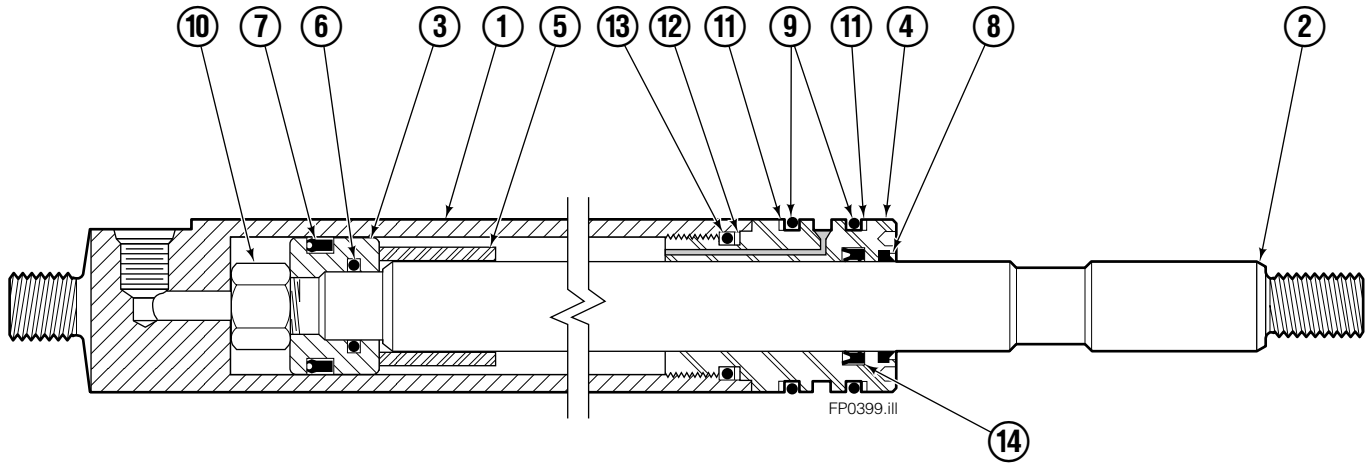
Fork Positioner Assembly

| 150H | | | |
|------|-----|----------|--------------------------|
| REF | QTY | PART NO. | DESCRIPTION |
| | | 6105742 | Fork Positioner Assembly |
| 1 | 1 | 6105743 | Frame |
| 2 | 2 | 6105744 | Cylinder ♦ |
| 3 | 1 | 6101808 | Center Plate |
| 4 | 1 | 6007060 | Shim |
| 5 | 2 | 6006682 | Lug |
| 6 | 2 | 6006759 | Bushing |
| 7 | 1 | 6006894 | Fork Carrier – RH |
| 8 | 1 | 6006879 | Fork Carrier – LH |
| 9 | 2 | 604511 | Fitting, 6-6 |
| 10 | 2 | 680030 | Lockwasher, M10 |
| 11 | 2 | 217933 | Capscrew, M10 x 45 |
| 12 | 2 | 200244 | Nut |
| 13 | 1 | 604510 | Plug, 6 |
| 14 | 4 | 683822 | Lockwasher, M12 |
| 15 | 4 | 202407 | Capscrew, M12 x 60 |
| 16 | 4 | 763025 | Nut, M12 |
| 17 | 1 | 215919 | Valve Body |
| 18 | 4 | 611288 | Fitting, 6-8 |
| 19 | 2 | 2680 | Fitting, 6-6 |
| 20 | 1 | 611329 | Fitting, 6-6 |
| 21 | 1 | 610892 | Fitting, 6-6 |
| 22 | 2 | 200006 | Nut |
| 23 | 2 | 6009677 | Restrictor Fitting |
| 24 | 2 | 768528 | Capscrew, M8 x 55 |
| 25 | 2 | 786881 | Nut, M8 |
| 26 | 1 | 6009745 | Tube, 6 |
| 27 | 1 | 2645 | Nut, 6 |
| 28 | 1 | 6105746 | Tube |
| 29 | 1 | 6105745 | Tube |
| 30 | 4 | 3154 | Snap Ring |
| 31 | 2 | 211223 | Sun Valve |
| 32 | 1 | 605743 | Fitting |

♦ See Cylinder page for parts breakdown.

Reference: S-21104, S-21106, S-21127, S-21129.

Cylinder

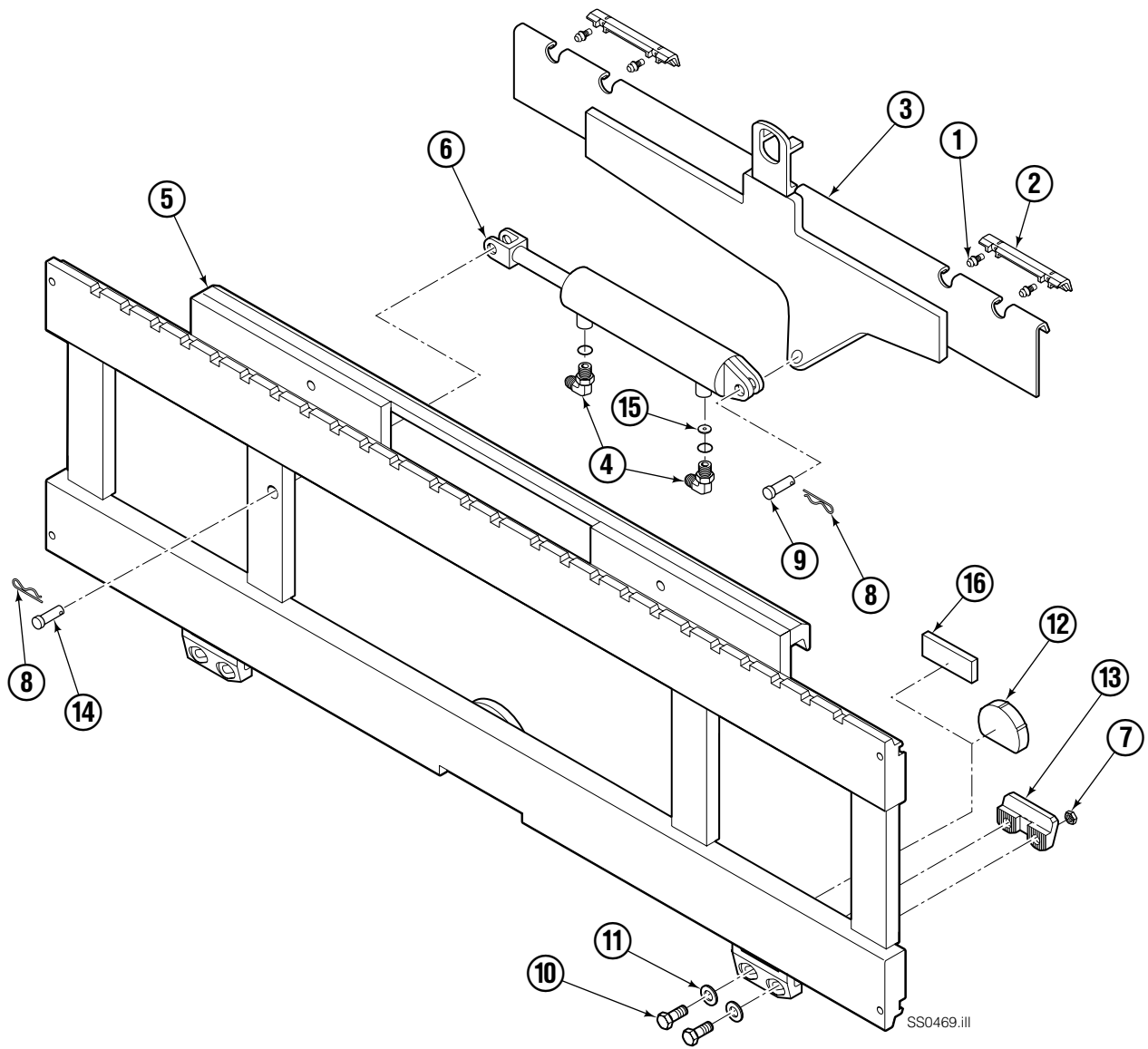


| 150H | | | |
|-------------|-----|----------|-------------------|
| REF | QTY | PART NO. | DESCRIPTION |
| | | 6105744 | Cylinder Assembly |
| 1 | 1 | 6105803 | Shell |
| 2 | 1 | 6105804 | Rod |
| 3 | 1 | 6006925 | Piston |
| 4 | 1 | 6006966 | Retainer |
| 5 | 1 | 6006924 | Spacer |
| 6 | 1 | 2708 | O-Ring ● |
| 7 | 1 | 663728 | Piston Seal ● |
| 8 | 1 | 636851 | Wiper ● |
| 9 | 2 | 2784 | O-Ring ● |
| 10 | 1 | 667623 | Nut, .625 |
| 11 | 2 | 615127 | Back Up Ring ● |
| 12 | 1 | 615125 | Back Up Ring ● |
| 13 | 1 | 2721 | O-Ring ● |
| 14 | 1 | 6010310 | Rod Seal ● |
| | | 6100214 | Service Kit |

● Included in Service Kit 6100214.

Reference: S-21126, S-21132.

Sideshifter Assembly



150D

| REF | QTY | PART NO. | DESCRIPTION | REF | QTY | PART NO. | DESCRIPTION |
|-----|-----|----------|----------------------|-----|-----|----------|---------------------------|
| | | 6107939 | Sideshifter Assembly | 9 | 1 | 686215 | ● Clevis Pin |
| 1 | 4 | 7403 | Grease Fitting | 10 | 4 | 752903 | ◆ Capscrew, M16 x 45 |
| 2 | 2 | 672018 | Bearing Segment | 11 | 4 | 667225 | ◆ Washer |
| 3 | 1 | 398335 | Anchor Bracket | 12 | 3 | — | Lower Bearing |
| 4 | 2 | 601676 | ● Fitting, 6-6 | 13 | 2 | 6106298 | ◆ Lower Hook |
| 5 | 1 | 6105819 | Faceplate ■ | 14 | 1 | 686214 | ● Clevis Pin |
| 6 | 1 | 686243 | Cylinder ▲ | 15 | 1 | 6024818 | ● Washer - Restrictor |
| 7 | 4 | 678990 | ◆ Nut | 16 | 3 | 208350 | Lower Bearing |
| 8 | 2 | 686217 | ● Cotter Pin | | | 672022 | Service Kit - Items 1 & 2 |

■ If the Faceplate needs replacing, your best value is to order the complete Sideshifter Assembly.

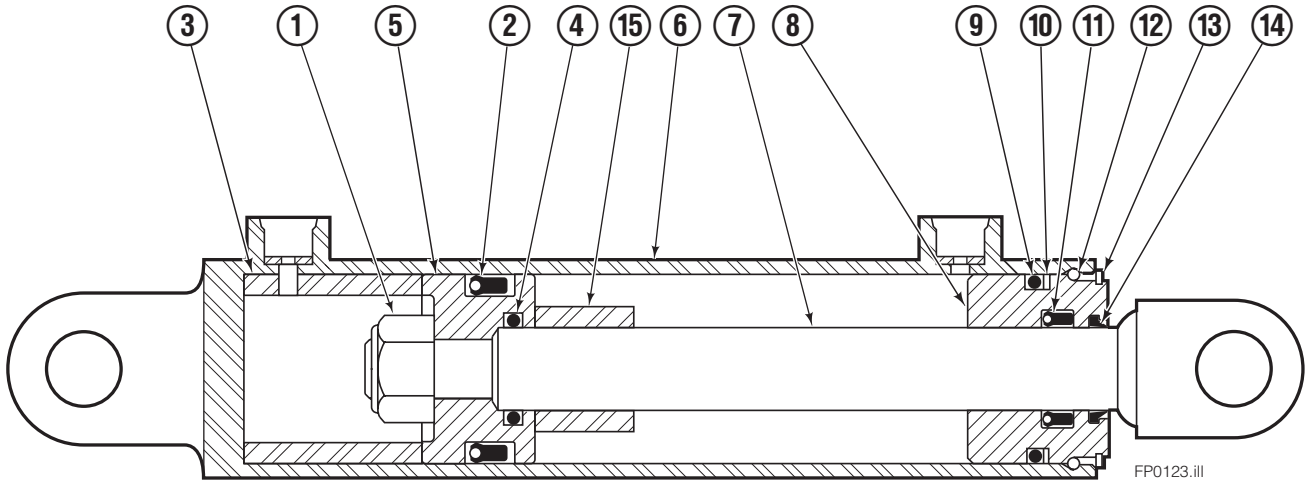
▲ See Cylinder page for parts breakdown.

● Included in Common Parts 6100729.

◆ Included in Lower Hook Group 6106298.

Reference: S-21039.

Sideshift Cylinder



| REF | QTY | PART NO. | DESCRIPTION |
|------|-----|----------|-------------------|
| | | 686243 | Cylinder Assembly |
| 1 | 1 | 561012 | Nut |
| ■ 2 | 1 | 662457 | Seal |
| 3 | 1 | 564562 | Spacer – Head |
| ■ 4 | 1 | 2718 | O-Ring |
| 5 | 1 | 561427 | Piston |
| 6 | 1 | 561419 | Shell |
| 7 | 1 | 561422 | Rod |
| 8 | 1 | 561428 | Retainer |
| ■ 9 | 1 | 2791 | O-Ring |
| ■ 10 | 1 | 615134 | Back-up Ring |
| ■ 11 | 1 | 662449 | Seal |
| 12 | 1 | 561429 | Retaining Ring |
| 13 | 1 | 7215 | Snap Ring |
| ■ 14 | 1 | 626468 | Wiper |
| 15 | 1 | --- | Spacer – Rod |
| | | 561430 | Service Kit |

■ Included in Service Kit 561430.

Ref: S-6053, S-6054

Do you have questions you need answered right now? Call your nearest Cascade Parts Department.

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