



# Parts Manual

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Model \_\_\_\_\_ Fork Positioner \_\_\_\_\_

Serial Number \_\_\_\_\_ 35K-IFS-A101 R0 \_\_\_\_\_

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**cascade**<sup>®</sup>  
corporation

**For Technical Assistance call:** 800-227-2233, Fax: 888-329-8207

**To Order Parts call:** 888-227-2233, Fax: 888-329-0234

**OR**

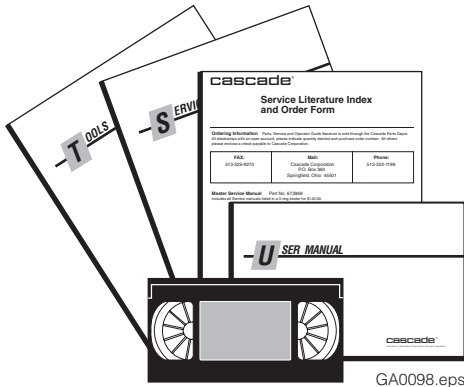
**Write:** Cascade Corporation, P.O. Box 20187, Portland, OR 97220

**Internet:** [www.cascorp.com](http://www.cascorp.com)



# Recommended Spare Parts & Publications

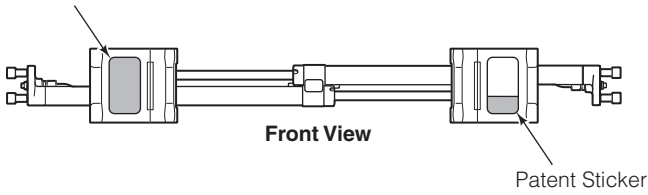
| K-Series Integral Fork Positioner |                               |                      |      |       |
|-----------------------------------|-------------------------------|----------------------|------|-------|
| PART NUMBER                       | DESCRIPTION                   | ATTACHMENTS SERVICED |      |       |
|                                   |                               | 1-5                  | 6-19 | 20-50 |
|                                   | <b>FORK POSITIONER</b>        |                      |      |       |
| 6055389                           | Cylinder Internal Service Kit | 0                    | 4    | 8     |
| 6055390                           | Composite Bearing Service Kit | 1                    | 2    | 4     |
| 6055391                           | Bronze Bearing Service Kit    | 1                    | 2    | 4     |
| 6039245                           | Mounting Shims                | 4                    | 6    | 8     |



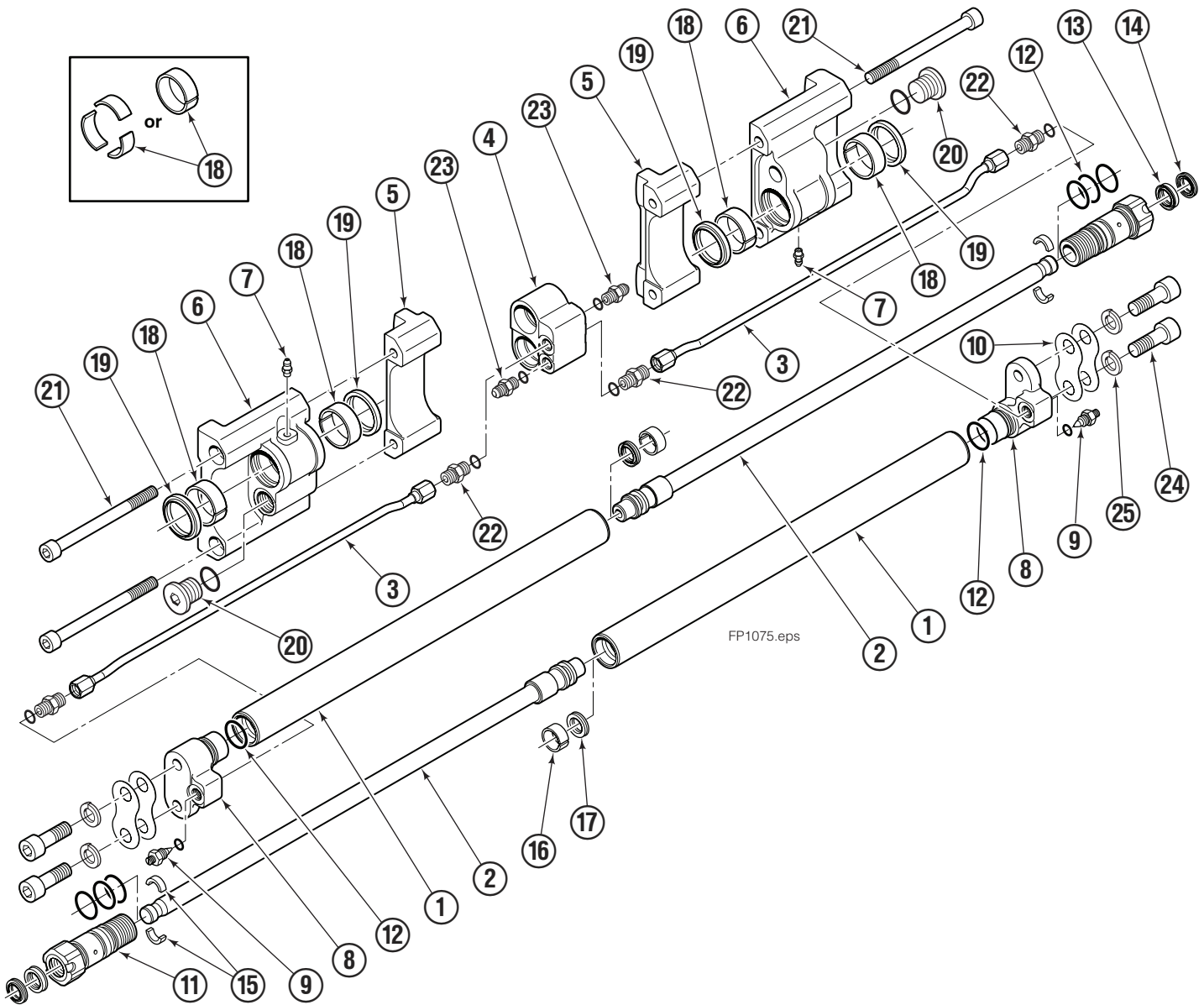
| K-Series Integral FP |   |
|----------------------|---|
| 6045671              | User Manual (Operator's Guide, Installation, Periodic Maintenance, Parts) |
| 6053927              | Service Manual  |
| 679929               | Tool Catalog  |
| 673964               | Literature Index Order Form   |

# Fork Positioner Assembly

Sticker showing operating pressure,  
phone numbers for service & parts.



Assembly part number (on LH fork carrier).



# Fork Positioner Assembly

| 55K |     |          |                                     |
|-----|-----|----------|-------------------------------------|
| REF | QTY | PART NO. | DESCRIPTION                         |
|     |     | 6054521  | Fork Positioner Assembly            |
| 1   | 2   | 6054522  | Cylinder Shell ▲                    |
| 2   | 2   | 6054523  | Cylinder Rod ▲                      |
| 3   | 2   | 6047381  | Tube                                |
| 4   | 1   | 6043391  | Manifold                            |
| 5   | 2   | 6042443  | Fork Carrier, Inner, 80/100 mm Fork |
| 6   | 2   | 6042449  | Fork Carrier, Outer                 |
| 7   | 2   | 424115   | Grease Fitting                      |
| 8   | 2   | 6052709  | Cylinder Head End                   |
| 9   | 2   | 6042658  | Restrictor Fitting                  |
| 10  | 4   | 6039245  | Shim                                |
| 11  | 2   | 6039028  | Cylinder Retainer                   |
|     | 2   | 6055787  | Cylinder Retainer w/Seals ◆         |
| 12  | 8   | 666183   | O-Ring, Retainer OD ✘               |
| 13  | 2   | 6039179  | Rod Seal, Retainer ✘                |
| 14  | 2   | 6039180  | Rod Wiper, Retainer ✘               |
| 15  | 4   | 6042830  | Half-Ring Keeper                    |
| 16  | 2   | 6039172  | Piston Wear Ring ✘                  |
| 17  | 2   | 6047577  | Piston Seal ✘                       |
| 18  | 4   | 6039171  | Bearing, Composite ★                |
|     | 12  | 6045405  | Bearing, Segment, Bronze ✓          |
| 19  | 4   | 6043341  | Shell Wiper ★ ✓                     |
| 20  | 2   | 6043316  | Rod Retainer Plug                   |
| 21  | 4   | 768824   | Capscrew, M10 x 120                 |
| 22  | 4   | 6042689  | Fitting, M10 to 6 mm EO-2           |
| 23  | 2   | 6043332  | Fitting, M10 to No. 4 JIC ●         |
| 24  | 4   | 769572   | Capscrew, M12 x 35 ■                |
| 25  | 4   | 684660   | Lockwasher, M12 ■                   |

▲ If cylinder shell or rod needs replacing due to bending damage, order complete Fork Positioner Assembly.

◆ Includes items 12-14.

✘ Included in Cylinder Service Kit 6055389.

★ Included in Composite Bearing Service Kit 6055390.

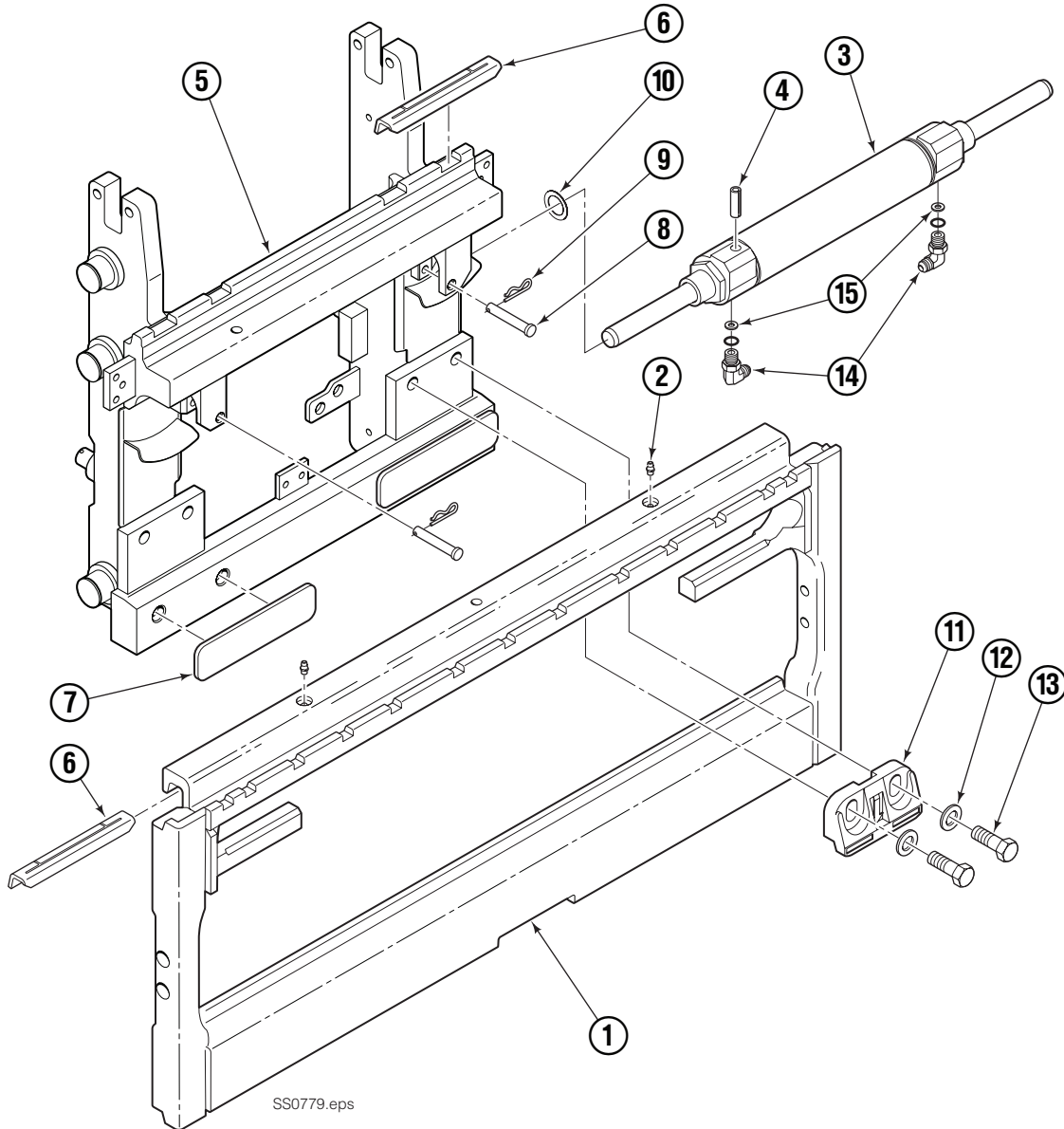
✓ Included in Bronze Bearing Service Kit 6055391.

● Included in Fitting Group 6045440.

■ Included in Mounting Kit 6045442.

Reference: Common Parts 6045406, 6045407, SK-8117.

# Integral Sideshifter



| 35K |     |          |                |     |     |          |                      |
|-----|-----|----------|----------------|-----|-----|----------|----------------------|
| REF | QTY | PART NO. | DESCRIPTION    | REF | QTY | PART NO. | DESCRIPTION          |
| 1   | 1   | 6073437  | Outer Frame    | 9   | 2   | 6022929  | Cotter Pin           |
| 2   | 2   | 651853   | Grease Fitting | 10  | 3   | 6016591  | Shim                 |
| 3   | 1   | 6020048  | Cylinder ▲     | 11  | 2   | 8508373  | ● Lower Hook         |
| 4   | 1   | 769050   | Roll Pin       | 12  | 4   | 667225   | ● Washer             |
| 5   | 1   | 6075899  | Inner Carriage | 13  | 4   | 684295   | ● Capscrew, M16 x 35 |
| 6   | 2   | 8508374  | Upper Bearing  | 14  | 2   | 666984   | Fitting, 4-6 ■       |
| 7   | 2   | 8508376  | Lower Bearing  | 15  | 2   | 221733   | Restrictor Washer ◆  |
| 8   | 2   | 6016592  | Clevis Pin     |     |     |          |                      |

▲ See Cylinder page for parts breakdown.

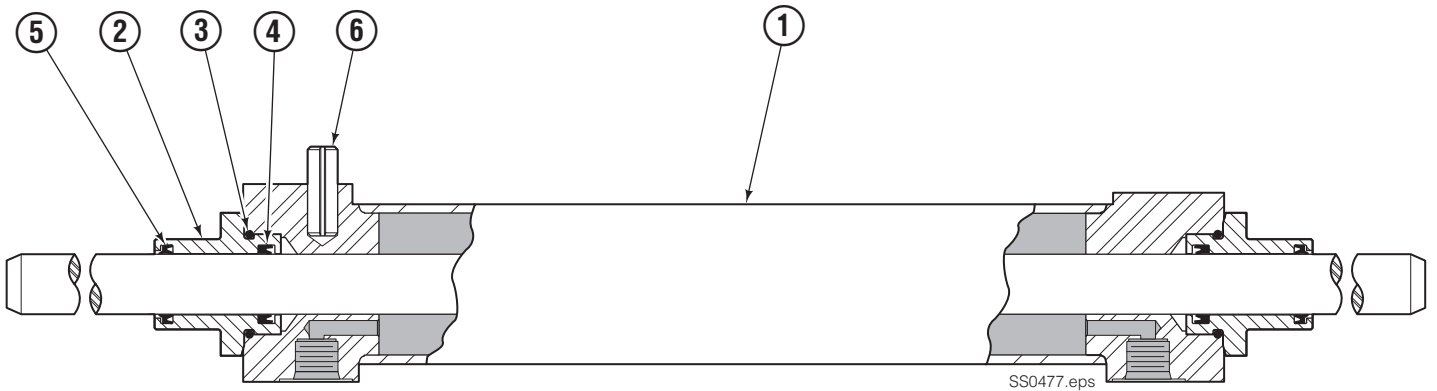
● Included in Lower Hook Group 6018267.

Reference: Common Parts 6018712, S-23140, S-22874 Type 1.

■ Included in Fitting Group 205747.

◆ Included in Restrictor Washer Group 221732.

# Cylinder Assembly

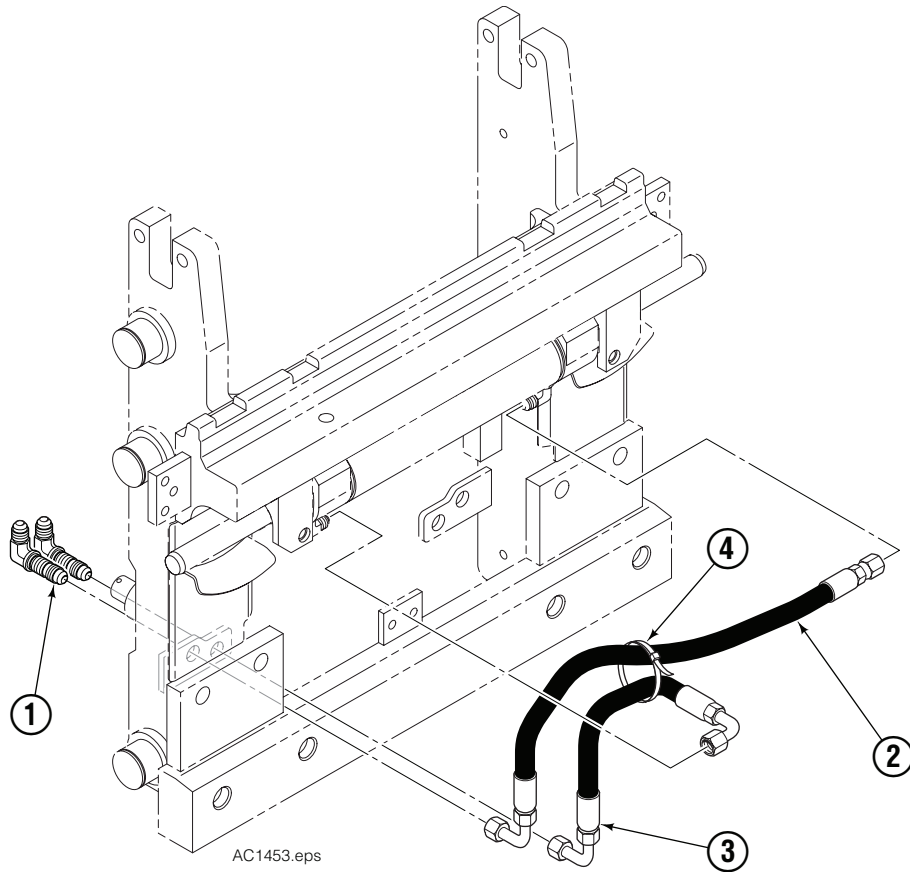


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| REF | QTY | PART NO. | DESCRIPTION         |
|-----|-----|----------|---------------------|
|     |     | 6020048  | Cylinder Assembly   |
| 1   | 1   | S-21144  | Cylinder Weldment ◆ |
| 2   | 2   | 6016571  | ● Threaded Retainer |
| 3   | 2   | 415866   | ● O-Ring            |
| 4   | 2   | 562131   | ● Seal Wiper        |
| 5   | 2   | 562132   | ● Seal              |
| 6   | 1   | 769050   | Roll Pin            |

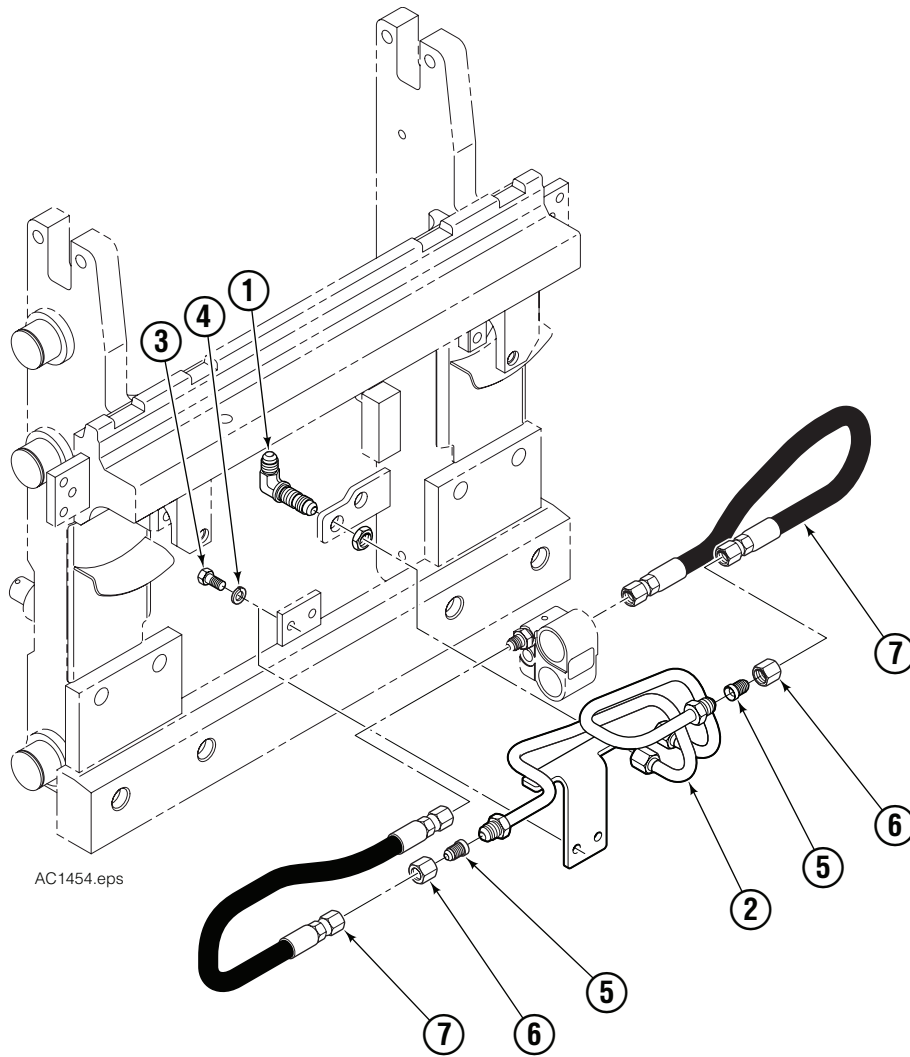
- ◆ Not serviceable.  
Order complete cylinder if replacement needed.
- Included in Retainer Assembly 6017490.  
Reference: S-21145.

# Installation Kit Toyota V-Mast



| 35K |     |          |                  |
|-----|-----|----------|------------------|
| REF | QTY | PART NO. | DESCRIPTION      |
|     |     | 6075617  | Installation Kit |
| 1   | 2   | 2453     | Fitting, 6-6     |
| 2   | 1   | 6068351  | Hose             |
| 3   | 1   | 6068322  | Hose             |
| 4   | 1   | 200343   | Cable Tie        |

# Installation Kit Toyota V-Mast



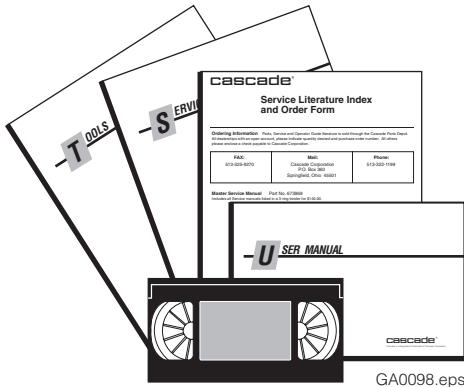
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| 35K |     |          |                   |
|-----|-----|----------|-------------------|
| REF | QTY | PART NO. | DESCRIPTION       |
|     |     | 6075666  | Installation Kit  |
| 1   | 2   | 2453     | Fitting, 6-6      |
| 2   | 1   | 6075667  | Tube Weldment     |
| 3   | 2   | 767961   | Capscrew, M8 x 16 |
| 4   | 2   | 787389   | Lockwasher, M8    |
| 5   | 2   | 2669     | Fitting, 6-4      |
| 6   | 2   | 2617     | Nut, 6            |
| 7   | 2   | 6050405  | Hose              |

# Recommended Spare Parts & Publications

| C-Series Integral Sideshifter   |                               |                      |      |       |
|---|-------------------------------|----------------------|------|-------|
| PART NUMBER   | DESCRIPTION                   | ATTACHMENTS SERVICED |      |       |
|   |                               | 1-5                  | 6-19 | 20-50 |
| <ul style="list-style-type: none"> <li>■</li> <li>■</li> <li>■</li> <li>684295</li> <li>667225</li> </ul> | <b>BASE UNIT AND MOUNTING</b> |                      |      |       |
|   | Upper Bearing, Composite      | 8                    | 16   | 32    |
|   | Lower Bearing, Composite      | 6                    | 12   | 24    |
|   | Lower Hook                    | 0                    | 2    | 4     |
|   | Capscrew, M16 x 2             | 0                    | 4    | 8     |
|   | Washer, HD, M16               | 0                    | 4    | 8     |
| <ul style="list-style-type: none"> <li>■</li> <li>6019928</li> </ul>                                      | <b>CYLINDER</b>               |                      |      |       |
|   | Cylinder Assembly             | 0                    | 0    | 1     |
|   | Cylinder Service Kit          | 4                    | 5    | 7     |

■ See specific parts page for part number.



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| C-Series Integral SS |   |
|----------------------|---|
| 6014809              | User Manual (Operator's Guide, Installation, Periodic Maintenance, Parts) |
| 6020275              | Service Manual  |
| 679929               | Tool Catalog  |
| 673964               | Literature Index Order Form   |



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