

# PARTS LIST

## RS™ Rear Suspension

LIT NO: SP-166

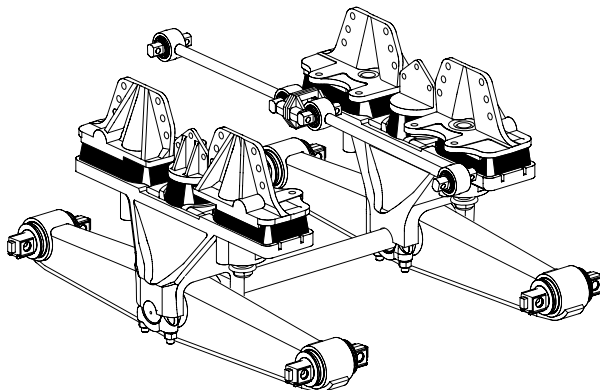
DATE: January 2017

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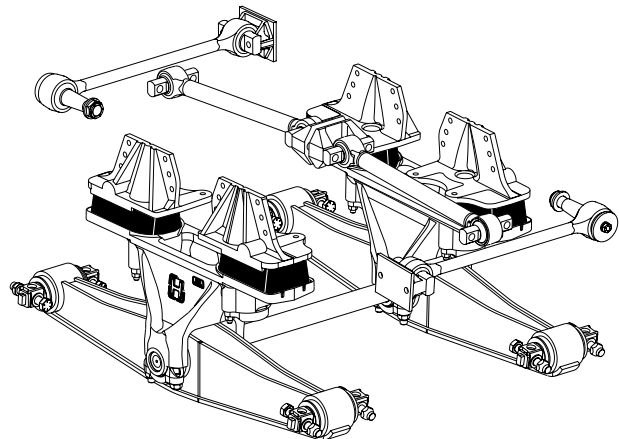
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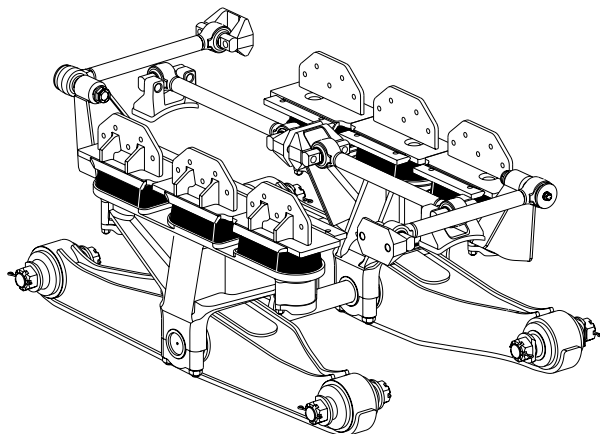
### RS 40K • 46K



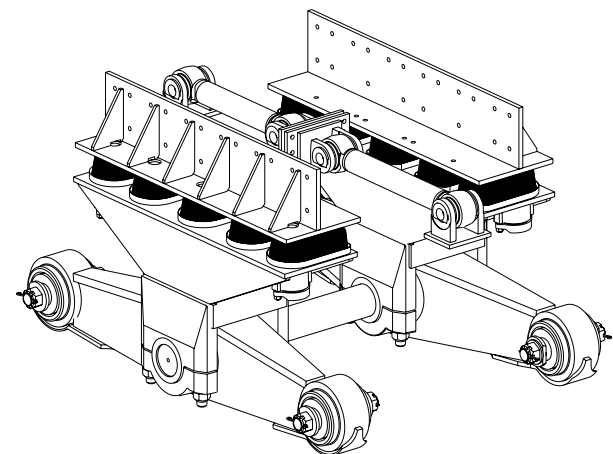
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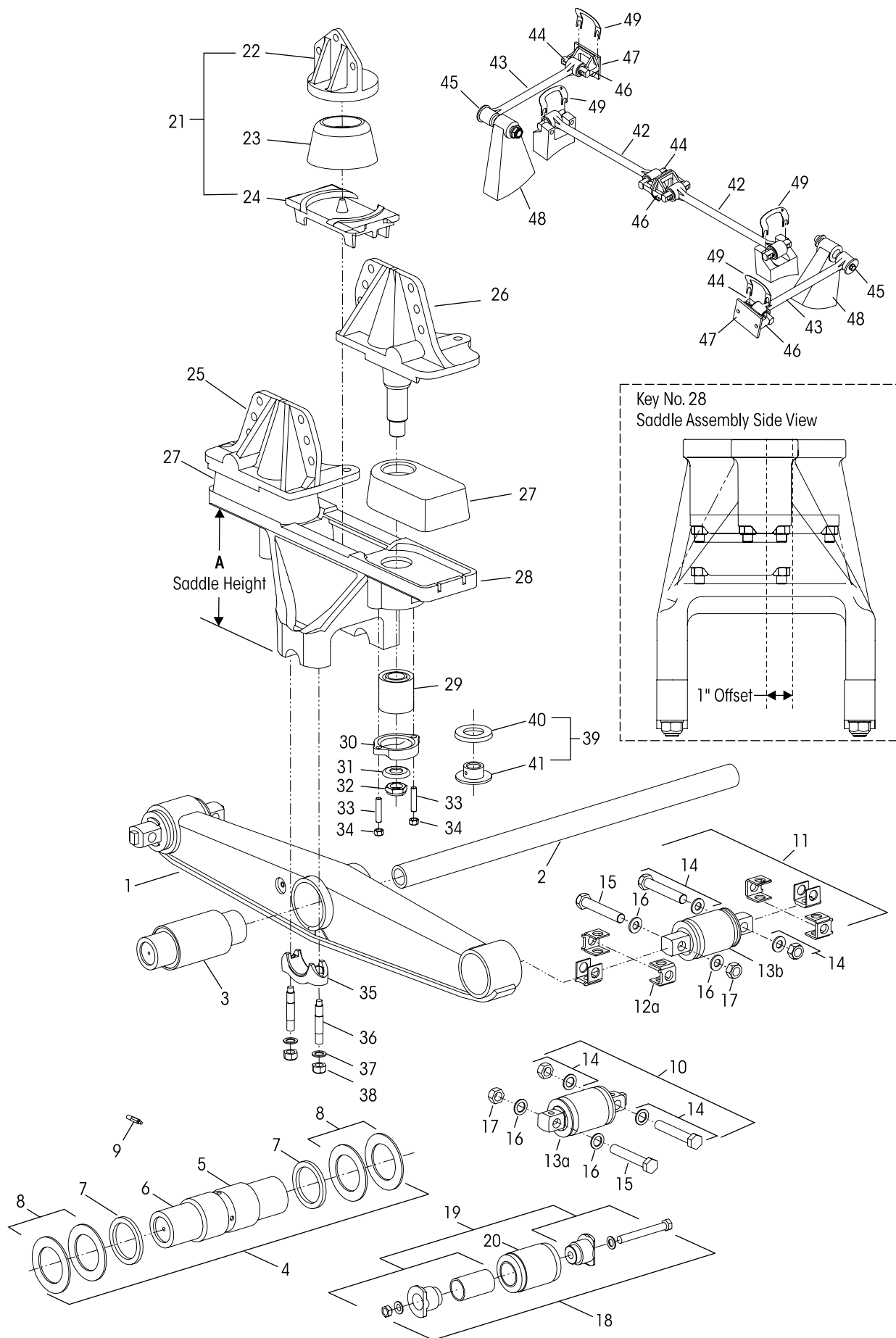


### RS 65K



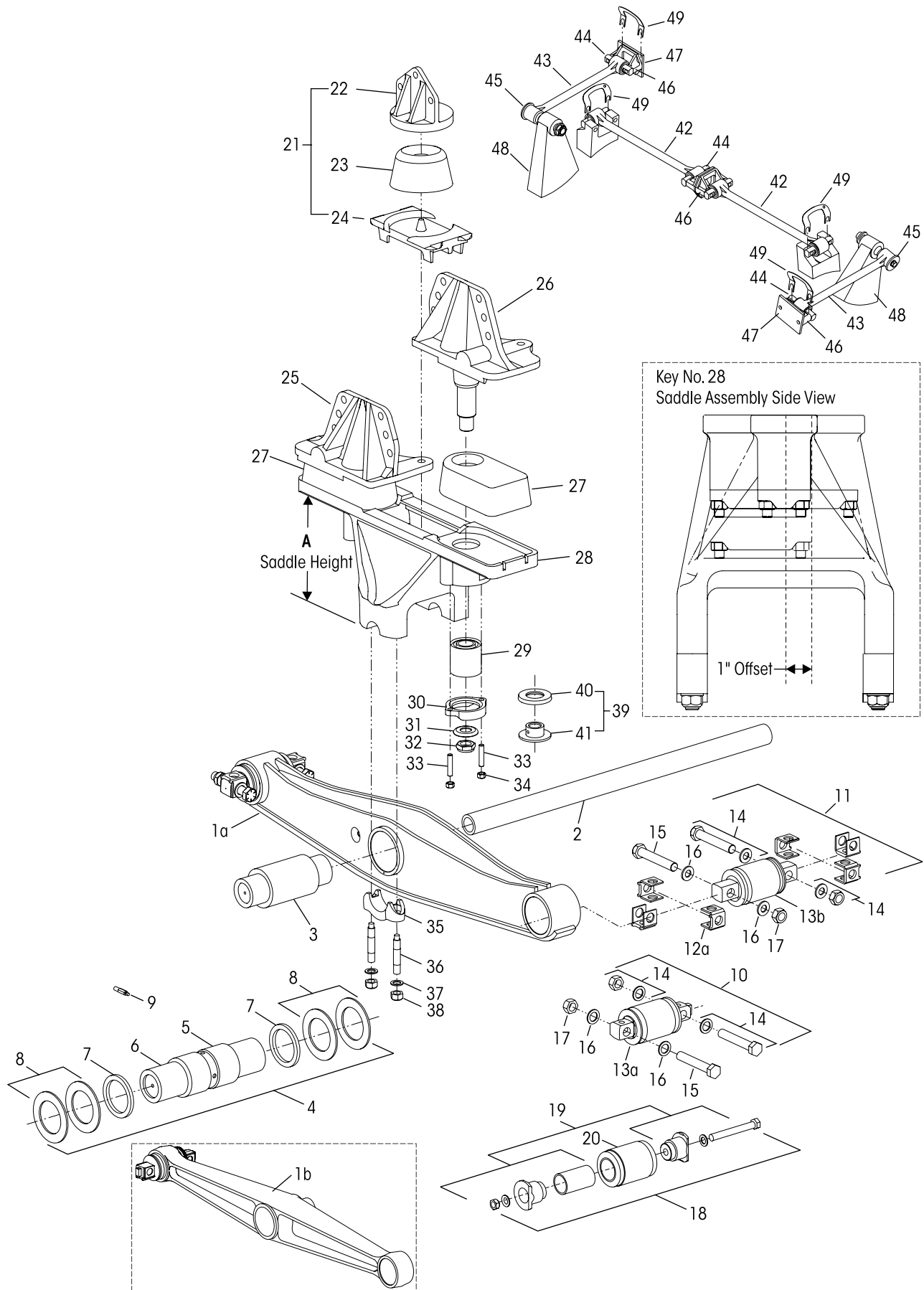
### RS 85K • 100K • 120K





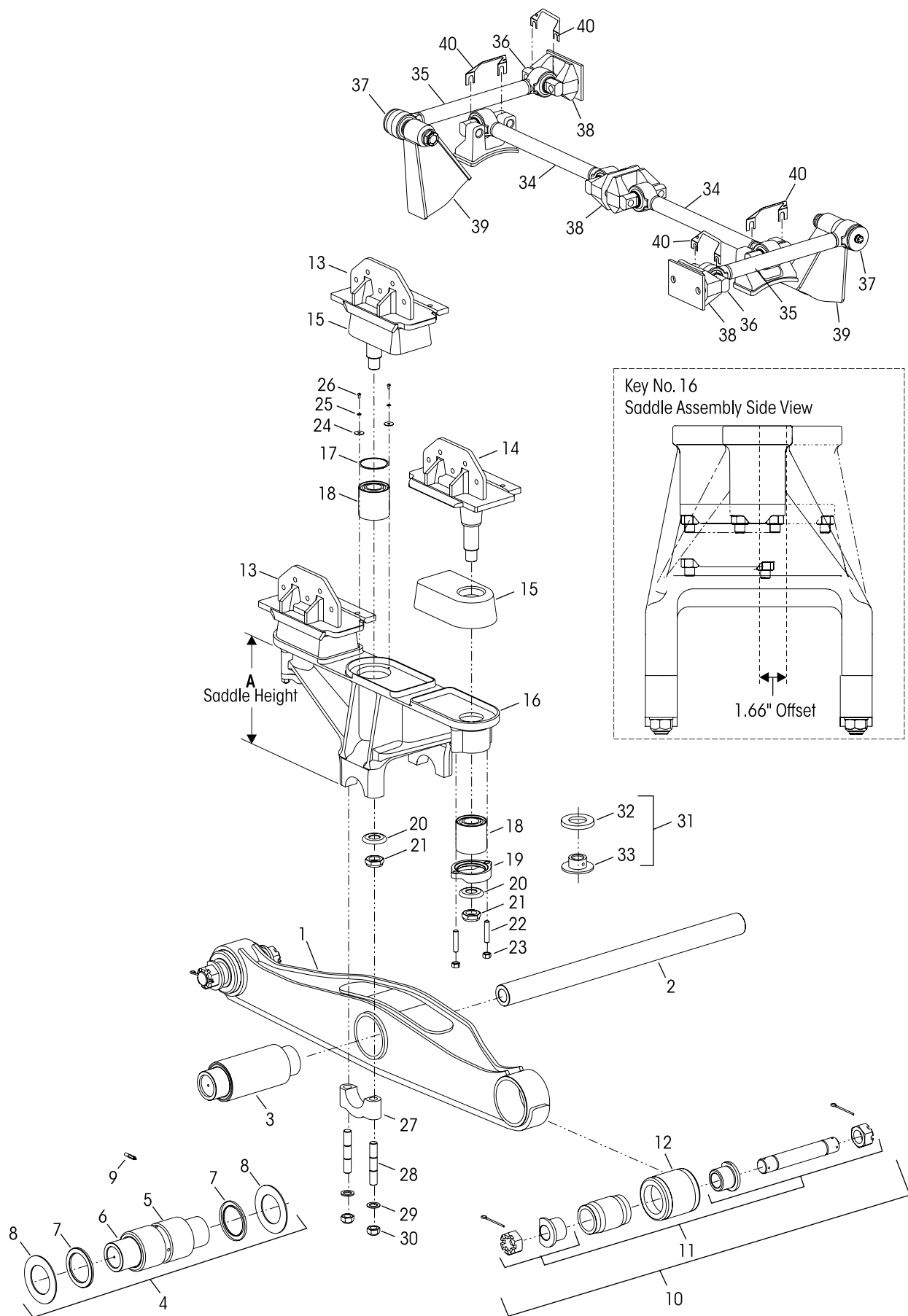


|           |            |                                                                                                                              | VEHICLE |           |               |                                                                                                                                                                                                                              | VEHICLE              |
|-----------|------------|------------------------------------------------------------------------------------------------------------------------------|---------|-----------|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| KEY NO.   | PART NO.   | DESCRIPTION                                                                                                                  | QTY.    | KEY NO.   | PART NO.      | DESCRIPTION                                                                                                                                                                                                                  | QTY.                 |
| 1         |            | Equalizing Beam Assembly<br><i>See Selection Guide 45745-147</i>                                                             | 2       | 27        | 26953-000L    | Load Cushion, 70 Durometer                                                                                                                                                                                                   | 4                    |
| 2         | 44643-XXX  | Cross Tube, <i>See Selection Guide on Page 11</i>                                                                            | 1       | 28        |               | Saddle Assembly, <i>See Dim. A</i> , Includes<br>Key Nos. 29-30, 33-38                                                                                                                                                       | 2                    |
| 3         |            | Rubber Center Bushing, <i>See Center Bushing<br/>End Plug Selection Guide on Page 11</i>                                     | 2       |           | 08606-160     | • 12¼" Height, (Casting No. 66784-001)<br><i>Replaces 08606-067 (Casting No. 10711-001)</i>                                                                                                                                  |                      |
|           | 49400-000L | RS 40K Welded End Plug                                                                                                       |         |           | 08606-162     | • 127/8" Height, (Casting No. 66784-005)<br><i>Replaces 08606-107 (Casting No. 10711-005)</i>                                                                                                                                |                      |
|           | 49600-000L | RS 40K w/Loose End Plug                                                                                                      |         |           | 08606-164     | • 14" Height, (Casting No. 66784-002)<br><i>Replaces 08606-080 (Casting No. 10711-002)</i>                                                                                                                                   |                      |
|           | 29483-005L | RS 46K, Requires Transverse Torque Rods                                                                                      |         |           | 08606-166     | • 15¼" Height, (Casting No. 66784-003)<br><i>Replaces 08606-081 (Casting No. 10711-003)</i>                                                                                                                                  |                      |
|           | 34013-097L | RS 46K w/Loose End Plug, Requires Transverse<br>Torque Rods                                                                  |         |           | 34013-061     | <b>Single Vertical Drive Bushing Service Kit,</b><br>Includes Key Nos. 29-34                                                                                                                                                 |                      |
| 4         | 30437-000L | <b>Bronze Center Bushing Service Kit, Two Beams,</b><br>Includes Key Nos. 5-9                                                |         | 29        | 19279-000L    | Vertical Drive Bushing                                                                                                                                                                                                       | 4                    |
| 5         | 30240-002  | Bronze Center Bushing                                                                                                        | 2       | 30        | 05917-000     | Vertical Drive Bushing Cap                                                                                                                                                                                                   | 4                    |
| 6         | 14685-000L | Beam Center Sleeve                                                                                                           | 2       | 31        | 08536-000     | 1½" Concave Washer                                                                                                                                                                                                           | 4                    |
| 7         | 30334-000  | Beam Center Seal                                                                                                             | 4       | 32        | 25151-000     | 1½"-12 UNF Nylocknut                                                                                                                                                                                                         | 4                    |
| 8         | 32365-000  | Thrust Washer                                                                                                                | 8       | 33        | 19111-001     | 5/8"-18 UNF Drive Bushing Cap Stud                                                                                                                                                                                           | 8                    |
| 9         | 30087-000  | Grease Fitting                                                                                                               | 2       | 34        | 19114-000     | 5/8"-18 UNF Drive Bushing Cap Stud Locknut                                                                                                                                                                                   | 8                    |
|           |            | <b>Bar Pin End Bushing Service Kit, One Wheel End</b>                                                                        |         | 35        | 58795-000     | Saddle Cap                                                                                                                                                                                                                   | 4                    |
| 10        | 34013-087L | Non-Shim Type, Includes Key Nos. 13a, 14                                                                                     |         | 36        | 09030-000     | 7/8"-14 UNF-9 UNC Saddle Cap Stud                                                                                                                                                                                            | 8                    |
| 11        | 34013-088L | Shim Type, Includes Key Nos. 12a, 13b, 14                                                                                    |         | 37        | 22962-002     | 7/8" Saddle Cap Stud Hardened Washer                                                                                                                                                                                         | 8                    |
| Not Shown | 34013-188L | Rotating Shim Type, Includes Key<br>Nos. 12a, 13c, 14                                                                        |         | 38        | 04842-000     | 7/8"-14 UNF Saddle Cap Locknut                                                                                                                                                                                               | 8                    |
| 12        |            | Bar Pin Shim                                                                                                                 | 8       | 39        |               | <b>Optional Rebound Control Stop Nut Service Kit,</b><br>Includes Key Nos. 40-41                                                                                                                                             |                      |
| a         | 50131-000  | 0.25" / 0.12" Standard                                                                                                       |         |           | 31005-001     | One Side                                                                                                                                                                                                                     |                      |
| b         | 50130-000  | 0.19" / 0.19" Optional                                                                                                       |         |           | 31005-002     | Both Sides                                                                                                                                                                                                                   |                      |
| c         | 57026-000  | 0.375" Optional flat shim                                                                                                    |         | 40        | 30208-000     | Rebound Bumper                                                                                                                                                                                                               | As Req.              |
| 13        |            | <b>**Bar Pin End Bushing</b>                                                                                                 | 4       | 41        | 30251-000     | Stop Nut                                                                                                                                                                                                                     | As Req.              |
| a         |            | Non-Shim Type                                                                                                                |         | 42        |               | <b>***One-piece Longitudinal Torque Rod Assembly,</b><br>Straddle/Straddle, Specify Length in mm<br>ULTRA ROD®, Includes Key No. 44                                                                                          |                      |
| b         |            | Shim Type                                                                                                                    |         |           | 62000-XXX     | Front                                                                                                                                                                                                                        | 1                    |
| c         |            | Rotating, Shim Type (Not Shown)                                                                                              |         |           | 62001-XXX     | Rear                                                                                                                                                                                                                         | 1                    |
| 14        | 34013-104  | <b>Bar Pin End Bushing Fastener Kit, One Wheel<br/>End,</b> Includes Key Nos. 15-17                                          |         |           | 8240-00XX-XXX | <b>****TRAAX ROD™, Replaces 72000-XXX<br/>and 72001-XXX</b>                                                                                                                                                                  | 2                    |
| 15        |            | <b>**1"-8 UNC Hex Bolt</b>                                                                                                   | 8       | 43        |               | <b>****One-piece Transverse Torque Rod Assembly,</b><br>Straddle/Taper, Specify Length in mm<br>ULTRA ROD, Includes Key Nos. 44-45<br><b>*****TRAAX ROD, Replaces 72350-XXX</b><br><b>*****TRAAX ROD, Replaces 92350-XXX</b> | 2                    |
| 16        |            | <b>**1" Hardened Washer</b>                                                                                                  | 16      |           | 62350-XXX     |                                                                                                                                                                                                                              |                      |
| 17        |            | <b>**1"-8 UNC Locknut</b>                                                                                                    | 8       |           | 8244-0099-XXX |                                                                                                                                                                                                                              |                      |
| 18        |            | <b>Rubber End Bushing and Adapter Service Kit,<br/>One Wheel End</b>                                                         |         |           | 8233-0099-XXX |                                                                                                                                                                                                                              |                      |
|           | 34013-049L | RS 40K, Includes Key Nos. 19a, 20                                                                                            |         | 44        | 47691-000L    | Straddle Bushing                                                                                                                                                                                                             | 6                    |
|           | 34013-073L | RS 46K, Includes Key Nos. 19b, 20                                                                                            |         | 45        | 64697-000L    | Taper Bushing                                                                                                                                                                                                                | 2                    |
| 19        |            | <b>Adapter w/o Bushing Service Kit, One Wheel End</b>                                                                        |         |           |               | <b>Two-Piece Torque Rod Assembly with<br/>Bushings Service Kit</b>                                                                                                                                                           |                      |
| a         | 45000-007L | RS 40K                                                                                                                       |         |           | 60218-000     | ULTRA ROD Straddle/Straddle                                                                                                                                                                                                  |                      |
| b         | 21140-034L | RS 46K                                                                                                                       |         |           | 60215-000     | ULTRA ROD Straddle/Taper                                                                                                                                                                                                     |                      |
| 20        | 45900-000L | Rubber End Bushing                                                                                                           | 4       |           | 65781-000     | ULTRA ROD PLUS Straddle/Taper                                                                                                                                                                                                |                      |
| 21        |            | <b>Heavy-Duty/Load Cushion Service Kit,<br/>Two Beams,</b> Includes Key Nos. 22-24<br>Standard on RS 46K, Optional on RS 40K |         |           | 65781-001     | XTRB Straddle/Straddle                                                                                                                                                                                                       |                      |
|           | 20681-072  | 34" Frame Width                                                                                                              |         |           | 65781-002     | XTRB Straddle/Taper                                                                                                                                                                                                          |                      |
|           | 20681-077  | 34½" Frame Width                                                                                                             |         | 46        | 22186-000     | Torque Rod Bracket                                                                                                                                                                                                           | 4                    |
| 22        |            | Frame Hanger                                                                                                                 | 2       | 47        | 45045-010     | Backup Plate, <i>Replaces 45045-003</i>                                                                                                                                                                                      | 2                    |
|           | 48523-001  | 34" Frame Width                                                                                                              |         | 48        |               | <b>*Transverse Rod Axle Bracket</b>                                                                                                                                                                                          | 2                    |
|           | 48525-001  | 34½" Frame Width                                                                                                             |         | 49        | 49689-000L    | Torque Rod Shim                                                                                                                                                                                                              | As Req.              |
| 23        | 24209-000  | Heavy-Duty Load Cushion                                                                                                      | 2       | Not Shown | 70867-001     | P-80 Lubricant - 10 ml                                                                                                                                                                                                       | Per Rubber Bushing 1 |
| 24        | 20781-000  | Saddle Plate                                                                                                                 | 2       |           |               |                                                                                                                                                                                                                              |                      |
|           |            | Frame Hanger, Includes Key Nos. 31-32,<br><i>See Selection Guide 45745-037</i>                                               |         |           |               |                                                                                                                                                                                                                              |                      |
| 25        |            | LH Front/RH Rear                                                                                                             | 2       |           |               |                                                                                                                                                                                                                              |                      |
| 26        |            | RH Front/LH Rear                                                                                                             | 2       |           |               |                                                                                                                                                                                                                              |                      |



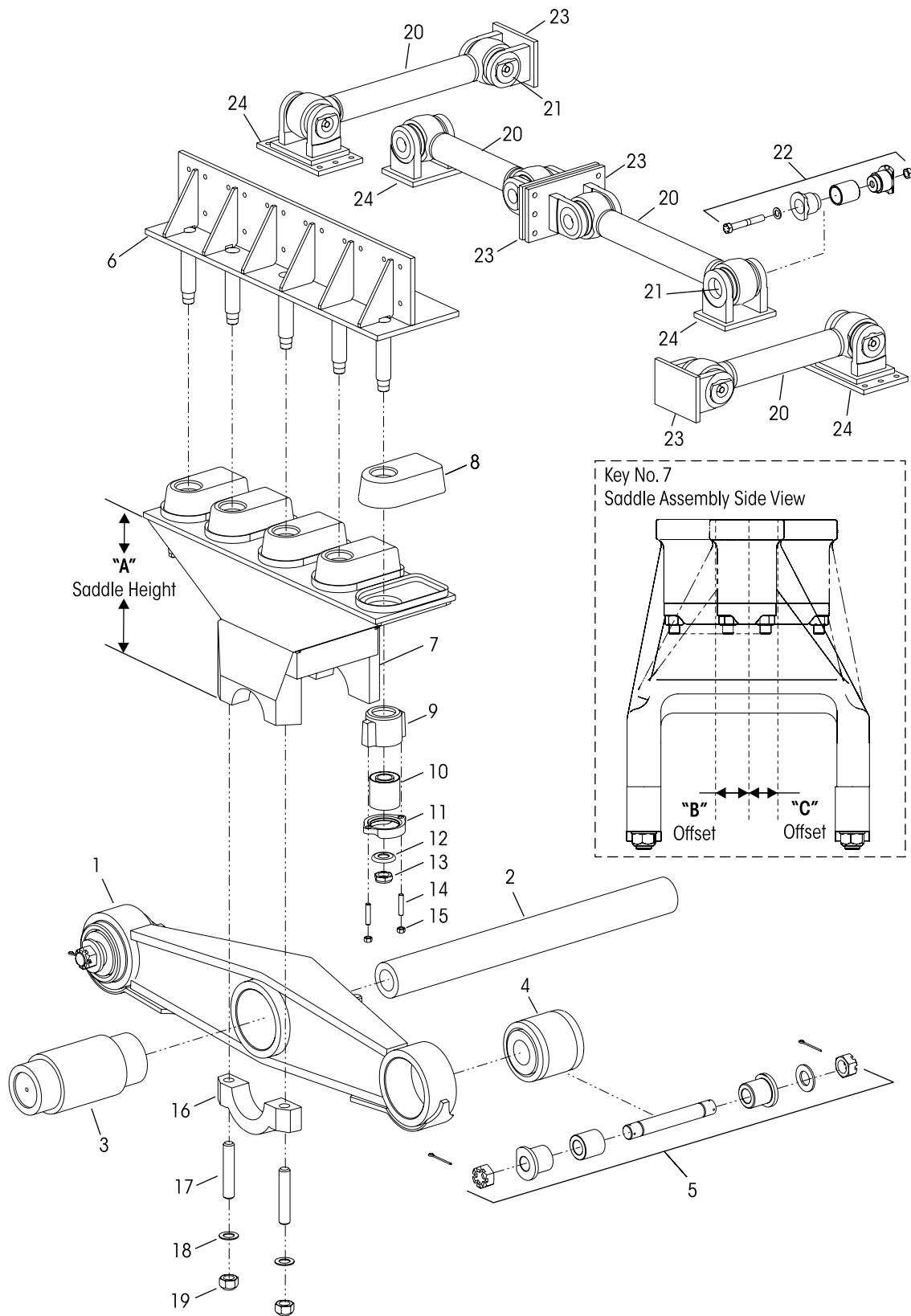


| KEY NO.   | PART NO.               | DESCRIPTION                                                                            | VEHICLE QTY. | KEY NO.   | PART NO.      | DESCRIPTION                                                                                                                                                                                                           | VEHICLE QTY.         |
|-----------|------------------------|----------------------------------------------------------------------------------------|--------------|-----------|---------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
| 1         |                        | Equalizing Beam Assembly<br><i>See Selection Guide 45745-147</i>                       | 2            |           |               | Frame Hanger, Includes Key Nos. 31-32,<br><i>See RS Hanger Selection Guide 45745-037</i>                                                                                                                              |                      |
| a         |                        | Fabricated Beam                                                                        |              | 25        |               | LH Front/RH Rear                                                                                                                                                                                                      | 2                    |
| b         |                        | Cast Beam                                                                              |              | 26        |               | RH Front/LH Rear                                                                                                                                                                                                      | 2                    |
| 2         | 44643-XXX<br>07622-XXX | Cross Tube, <i>See Selection Guide on Page 11</i><br>RS 48K<br>RS 52K                  | 1            | 27        | 26953-000L    | Load Cushion, 70 Durometer                                                                                                                                                                                            | 4                    |
| 3         |                        | Rubber Center Bushing<br><i>See Center Bushing End Plug Selection Guide on Page 11</i> | 2            | 28        |               | Saddle Assembly, <i>See Dim. A</i> , Includes<br>Key Nos. 29-30, 33-38                                                                                                                                                | 2                    |
|           | 29483-005L             | Welded End Plug                                                                        |              |           | 08606-160     | • 12¼" Height, (Casting No. 66784-001)<br><i>Replaces 08606-132 (Casting No. 10711-001)</i>                                                                                                                           |                      |
|           | 34013-097L             | w/Loose End Plug, Optional,<br>Requires Transverse Torque Rods                         |              |           | 08606-162     | • 127/8" Height, (Casting No. 66784-005)<br><i>Replaces 08606-136 (Casting No. 10711-005)</i>                                                                                                                         |                      |
| 4         | 30437-000L             | <b>Bronze Center Bushing Service Kit, Two Beams,</b><br>Includes Key Nos. 5-9          |              |           | 08606-164     | • 14" Height, (Casting No. 66784-002)<br><i>Replaces 08606-133 (Casting No. 10711-002)</i>                                                                                                                            |                      |
| 5         | 30240-002              | Bronze Center Bushing                                                                  | 2            |           | 08606-166     | • 15¼" Height, (Casting No. 66784-003)<br><i>Replaces 08606-134 (Casting No. 10711-003)</i>                                                                                                                           |                      |
| 6         | 14685-000L             | Beam Center Sleeve                                                                     | 2            |           | 34013-061     | <b>Single Vertical Drive Bushing Service Kit,</b><br>Includes Key Nos. 29-34                                                                                                                                          |                      |
| 7         | 30334-000              | Beam Center Seal                                                                       | 4            | 29        | 19279-000L    | Vertical Drive Bushing                                                                                                                                                                                                | 4                    |
| 8         | 32365-000              | Thrust Washer                                                                          | 8            | 30        | 05917-000     | Vertical Drive Bushing Cap                                                                                                                                                                                            | 4                    |
| 9         | 30087-000              | Grease Fitting                                                                         | 2            | 31        | 08536-000     | 1½" Concave Washer                                                                                                                                                                                                    | 4                    |
|           |                        | <b>Bar Pin End Bushing Service Kit, One Wheel End</b>                                  |              | 32        | 25151-000     | 1½"-12 UNF Nylocknut                                                                                                                                                                                                  | 4                    |
| 10        | 34013-087L             | Non-Shim Type, Includes Key Nos. 13a, 14                                               |              | 33        | 19111-001     | 5/8"-18 UNF Drive Bushing Cap Stud                                                                                                                                                                                    | 8                    |
| 11        | 34013-088L             | Shim Type, Includes Key Nos. 12a, 13b, 14                                              |              | 34        | 19114-000     | 5/8"-18 UNF Drive Bushing Cap Stud Locknut                                                                                                                                                                            | 8                    |
| Not Shown | 34013-188L             | Rotating Shim Type, Includes Key<br>Nos. 12a, 13c, 14                                  |              | 35        | 58795-000     | Saddle Cap                                                                                                                                                                                                            | 4                    |
| 12        |                        | Bar Pin Shim                                                                           | 8            | 36        | 09030-000     | 7/8"-14 UNF/9 UNC Saddle Cap Stud                                                                                                                                                                                     | 8                    |
| a         | 50131-000              | 0.25" / 0.12" Standard                                                                 |              | 37        | 22962-002     | 7/8" Saddle Cap Stud Hardened Washer                                                                                                                                                                                  | 8                    |
| b         | 50130-000              | 0.19" / 0.19" Optional                                                                 |              | 38        | 04842-000     | 7/8"-14 UNF Saddle Cap Locknut                                                                                                                                                                                        | 8                    |
| c         | 57026-000              | 0.375" Optional flat shim                                                              |              | 39        |               | <b>Optional Rebound Control Stop Service Nut Kit,</b><br>Includes Key Nos. 40-41                                                                                                                                      |                      |
| 13        |                        | *Bar Pin End Bushing                                                                   | 4            |           | 31005-001     | One Side                                                                                                                                                                                                              |                      |
| a         |                        | *Non-Shim Type                                                                         |              |           | 31005-002     | Both Sides                                                                                                                                                                                                            |                      |
| b         |                        | *Shim Type                                                                             |              | 40        | 30208-000     | Rebound Bumper                                                                                                                                                                                                        | As Req.              |
| c         |                        | *Rotating, Shim Type (Not Shown)                                                       |              | 41        | 30251-000     | Stop Nut                                                                                                                                                                                                              | As Req.              |
| 14        | 34013-104              | <b>Bar Pin End Bushing Fastener Kit, One Wheel<br/>End,</b> Includes Key Nos. 15-17    |              | 42        |               | ***One-piece Longitudinal Torque Rod Assembly,<br>Straddle/Straddle, Specify Length in mm<br>ULTRA ROD®, Includes Key No. 44                                                                                          |                      |
| 15        |                        | **1"-8 UNC Hex Bolt                                                                    | 8            |           | 62000-XXX     | Front                                                                                                                                                                                                                 | 1                    |
| 16        |                        | **1" Hardened Washer                                                                   | 16           |           | 62001-XXX     | Rear                                                                                                                                                                                                                  | 1                    |
| 17        |                        | **1"-8 UNC Locknut                                                                     | 8            |           | 8240-00XX-XXX | *****TRAAX ROD™, <i>Replaces 72000-XXX<br/>and 72001-XXX</i>                                                                                                                                                          | 2                    |
| 18        |                        | <b>End Bushing and Adapter Service Kit,<br/>One Wheel End,</b>                         |              | 43        |               | ****One-piece Transverse Torque Rod Assembly,<br>Straddle/Taper, Specify Length in mm<br>ULTRA ROD, Includes Key Nos. 44-45<br>*****TRAAX ROD, <i>Replaces 72350-XXX</i><br>*****TRAAX ROD, <i>Replaces 92350-XXX</i> | 2                    |
|           | 34013-050L             | RS 48K • 52K, Includes Key Nos. 19a, 20                                                |              |           | 62350-XXX     |                                                                                                                                                                                                                       |                      |
|           | 34013-051L             | RS 52K, Includes Key Nos. 19b, 20                                                      |              |           | 8244-0099-XXX |                                                                                                                                                                                                                       |                      |
| 19        |                        | <b>End Bushing Adapter Style Service Kit,<br/>One Wheel End</b>                        |              |           | 8233-0099-XXX |                                                                                                                                                                                                                       |                      |
| a         | 21140-034L             | RS 48K • 52K                                                                           |              | 44        | 47691-000L    | Straddle Bushing                                                                                                                                                                                                      | 6                    |
| b         | 21140-033L             | RS 52K                                                                                 |              | 45        | 64697-000L    | Taper Bushing                                                                                                                                                                                                         | 2                    |
| 20        |                        | Adapter Style End Bushing                                                              |              |           |               | <b>Two-Piece Torque Rod Assembly with<br/>Bushings Service Kit</b>                                                                                                                                                    |                      |
|           | 29878-001L             | RS 48K                                                                                 |              |           | 60218-000     | ULTRA ROD Straddle/Straddle                                                                                                                                                                                           |                      |
|           | 45407-000L             | RS 52K                                                                                 |              |           | 60215-000     | ULTRA ROD Straddle/Taper                                                                                                                                                                                              |                      |
| 21        |                        | <b>Heavy-Duty Load Cushion Service Kit,<br/>Two Beams,</b> Includes Key Nos. 22-24     |              |           | 65781-000     | ULTRA ROD PLUS Straddle/Taper                                                                                                                                                                                         |                      |
|           |                        | Standard on RS 52K                                                                     |              |           | 65781-001     | XTRB Straddle/Straddle                                                                                                                                                                                                |                      |
|           | 20681-072              | 34" Frame Width                                                                        |              |           | 65781-002     | XTRB Straddle/Taper                                                                                                                                                                                                   |                      |
|           | 20681-077              | 34½" Frame Width                                                                       |              | 46        | 22186-000     | Torque Rod Bracket                                                                                                                                                                                                    | 4                    |
| 22        |                        | Frame Hanger                                                                           | 2            | 47        | 45045-010     | Backup Plate, <i>Replaces 45045-003</i>                                                                                                                                                                               | 2                    |
|           | 48523-001              | 34" Frame Width                                                                        |              | 48        |               | *Transverse Rod Axle Bracket                                                                                                                                                                                          | 2                    |
|           | 48525-001              | 34½" Frame Width                                                                       |              | 49        | 49689-000L    | Torque Rod Shim                                                                                                                                                                                                       | As Req.              |
| 23        | 24209-000              | Heavy-Duty Load Cushion                                                                | 2            | Not Shown | 70867-001     | P-80 Lubricant - 10 ml                                                                                                                                                                                                | Per Rubber Bushing 1 |
| 24        | 20781-000              | Saddle Plate                                                                           | 2            |           |               |                                                                                                                                                                                                                       |                      |





| KEY NO. | PART NO.   | DESCRIPTION                                                                 | VEHICLE QTY. | KEY NO.   | PART NO.      | DESCRIPTION                                                                              | VEHICLE QTY.         |
|---------|------------|-----------------------------------------------------------------------------|--------------|-----------|---------------|------------------------------------------------------------------------------------------|----------------------|
| 1       |            | Equalizing Beam Assembly<br><i>See Selection Guide 45745-147</i>            | 2            | 18        | 19279-000L    | Vertical Drive Bushing                                                                   | 6                    |
| 2       | 10397-XXX  | Cross Tube, <i>See Selection Guide on Page 11</i>                           | 1            | 19        | 05917-000     | Vertical Drive Bushing Cap                                                               | 4                    |
| 3       | 10366-000L | Rubber Center Bushing                                                       | 2            | 20        | 08536-000     | 1½" Concave Washer                                                                       | 6                    |
| 4       |            | <b>Bronze Center Bushing Service Kit</b> , Includes Key Nos. 5-9            |              | 21        | 25151-000     | 1½"-12 UNF Nylocknut                                                                     | 6                    |
|         | 34013-055L | One Beam                                                                    |              | 22        | 19111-004     | 5/8"-18 UNF Drive Bushing Cap Stud                                                       | 8                    |
|         | 45374-000  | Two Beams                                                                   |              | 23        | 19114-000     | 5/8"-18 UNF Drive Bushing Cap Stud Locknut                                               | 8                    |
| 5       | 30240-005  | Bronze Center Bushing                                                       | 2            | 24        | 17487-000     | Drive Bushing Retainer Washer                                                            | 4                    |
| 6       | 25102-000  | Beam Center Sleeve                                                          | 2            | 25        | 17497-001     | Drive Bushing Retainer Lock Washer                                                       | 4                    |
| 7       | 31577-000  | Beam Center Seal                                                            | 4            | 26        | 17860-003     | Drive Bushing Retainer Lock Screw                                                        | 4                    |
| 8       | 45261-000  | Thrust Washer                                                               | 4            | 27        | 15785-000     | Saddle Cap                                                                               | 4                    |
| 9       | 30087-000  | Grease Fitting                                                              | 2            | 28        | 10948-000     | 1"-14 UNS Saddle Cap Stud                                                                | 8                    |
| 10      |            | <b>Rubber End Bushing and Adapter Service Kit, Tandem Set</b>               |              | 29        | 22962-008     | 1" Saddle Cap Flat Washer                                                                | 8                    |
|         | 34013-052  | for 6" Bushing, Includes Key Nos. 11a, 12a                                  |              | 30        | 08017-000     | 1"-14 UNS Saddle Cap Locknut                                                             | 8                    |
|         | 34013-110  | for 7" Bushing, Includes Key Nos. 11b, 12b                                  |              | 31        |               | <b>Optional Rebound Control Stop Nut Service Kit</b> , Includes Key Nos. 32-33           |                      |
| 11      |            | <b>End Bushing Adapter Service Kit, One Wheel End</b>                       |              |           | 31005-001     | One Side                                                                                 |                      |
| a       | 21140-007L | 6" Length                                                                   |              |           | 31005-002     | Both Sides                                                                               |                      |
| b       | 21140-004L | 7" Length                                                                   |              | 32        | 30208-000     | Rebound Bumper                                                                           | As Req.              |
| 12      |            | End Bushing                                                                 | 4            | 33        | 30251-000     | Stop Nut                                                                                 | As Req.              |
| a       | 10363-000  | 6" Length                                                                   |              | 34        |               | ***One-piece Longitudinal Torque Rod Assembly, 2 Straddle/Straddle, Specify Length in mm | 2                    |
| b       | 10364-000  | 7" Length                                                                   |              |           | 8232-0000-XXX | ****TRAAX ROD™, <i>Replaces 72100-XXX</i>                                                |                      |
|         |            | Frame Hanger, Includes Key Nos. 20-21, <i>See Selection Guide 45745-037</i> |              | 35        |               | ****One-piece Transverse Torque Rod Assembly, 2 Straddle/Taper, Specify Length in mm     | 2                    |
| 13      |            | **LH Front/RH Rear                                                          | 4            |           | 72850-XXX     | ULTRA ROD PLUS, Includes Key Nos. 36a-37a                                                |                      |
| 14      |            | **RH Front/LH Rear                                                          | 2            |           | 92950-XXX     | XTRB, Includes Key Nos. 36b-37b                                                          |                      |
| 15      | 26953-000L | Load Cushion, 70 Durometer                                                  | 6            | 36        |               | Straddle Bushing                                                                         | 6                    |
| 16      |            | Saddle Assembly, <i>See Dim. A</i> , Includes Key 17-19, 22-30              | 2            | a         | 64400-003L    | ULTRA ROD PLUS                                                                           |                      |
|         | 08606-082  | 15" Height                                                                  |              | b         | 66649-003L    | XTRB                                                                                     |                      |
|         | 08606-128  | 17¼" Height                                                                 |              | 37        |               | Taper Bushing                                                                            | 2                    |
|         | 08606-127  | 18" Height                                                                  |              | a         | 64400-006L    | ULTRA ROD PLUS                                                                           |                      |
|         | 08606-126  | 19" Height                                                                  |              | b         | 66649-004L    | XTRB                                                                                     |                      |
| 17      | 22586-000L | Saddle Bearing Ring                                                         | 2            | 38        | 46015-000     | Torque Rod Bracket                                                                       | 4                    |
|         | 34013-232  | <b>Single Vertical Drive Bushing Service Kit</b> , Includes Key Nos. 18-23  |              | 39        |               | *Transverse Torque Rod Axle Bracket                                                      | 2                    |
|         |            |                                                                             |              | 40        | 67779-002     | Torque Rod Shim                                                                          | As Req.              |
|         |            |                                                                             |              | Not Shown | 70867-001     | P-80 Lubricant - 10 ml                                                                   | Per Rubber Bushing 1 |





| KEY NO. | PART NO. | DESCRIPTION                                                                                                                                                                                                                                                                                | VEHICLE QTY. | KEY NO.                                                                                 | PART NO.                                                                     | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | VEHICLE QTY. |
|---------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| 1       |          | Equalizing Beam Assembly<br>Includes Key Nos. 3, 4<br>• RS 85K<br>07500-620 58" Length<br>07500-604 60" Length<br>07500-180 64" Length<br>07500-624 72" Length, <i>Replaces 07500-068</i><br>07500-432 75" Length<br>• RS 100K • 120K<br>07500-579 64" Length<br>07500-615 80" Length      | 2            | 7                                                                                       |                                                                              | Saddle Assembly, <i>See Dim. A, B and C</i> ,<br>Includes Key Nos. 10-11, 14-15<br>• RS 85K<br>08606-141 A = 15" Height, Offset B = 2", C = 0"<br>08606-142 A = 15 7/8" Height, Offset B = 1 3/4", C = 0"<br>08606-131 A = 16 3/4" Height, Offset B = 0", C = 0"<br>08606-143 A = 16 3/4" Height, Offset B = 0", C = 2"<br>08606-151 A = 17 7/8" Height, Offset B = 0", C = 0"<br>08606-156 A = 17 7/8" Height, Offset B = 0", C = 2"<br>• RS 100K<br>08606-154 A = 20" Height, Offset B and C = 0"<br>08606-155 A = 21 1/4" Height, Offset B and C = 0"<br>• RS 120K<br>08606-167 A = 20" Height, Offset B = 0", C = 1" | 2            |
| 2       |          | Cross Tube, <i>See Selection Guide on Page 11</i><br>RS 85K, Specify Length<br>RS 100K, Specify Length                                                                                                                                                                                     | 1            | <b>Quantities for Key Nos. 8 through 15 vary per capacity, <i>See Table 1 below</i></b> |                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              |
| 3       |          | Rubber Center Bushing, One per Beam<br>RS 85K<br>RS 100K                                                                                                                                                                                                                                   | 2            | 8                                                                                       | 26953-000L                                                                   | Load Cushion, 70 Durometer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |
| 4       |          | End Bushing<br>RS 85K - 6" Length<br>RS 85K - 7" Length<br>RS 100K - 7 3/4" Length                                                                                                                                                                                                         | 4            | 9                                                                                       | 13774-000                                                                    | Vertical Drive Bushing Retainer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              |
| 5       |          | <b>End Bushing Adapter Service Kit,<br/>One Wheel End</b><br>21140-026 RS 85K - with Adapter Tube<br>21140-043 RS 85K - with Special Nut<br>21140-024 RS 100K - with Adapter Tube<br>21140-042 RS 100K - with Tube and Nut                                                                 |              | 34013-232                                                                               | <b>Single Vertical Drive Bushing Service Kit,</b><br>Includes Key Nos. 10-15 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |              |
| 6       |          | Frame Hanger<br>• RS 85K<br>57964-000 -5/8" Offset<br>48742-000 -1 1/4" Offset<br>47390-000 ♦ 1/4" Offset<br>59415-000 3/8" Offset<br>48744-000 1 1/2" Offset<br>• RS 100K<br>59413-000 2 1/4" Offset<br>58496-000 3/8" Offset<br>56750-000 1" Offset<br>70988-000 • RS 120K, -3/4" Offset | 2            | 10                                                                                      | 19279-000                                                                    | Vertical Drive Bushing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |
|         |          |                                                                                                                                                                                                                                                                                            |              | 11                                                                                      | 05917-000                                                                    | Vertical Drive Bushing Cap                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |
|         |          |                                                                                                                                                                                                                                                                                            |              | 12                                                                                      | 08536-000                                                                    | 1 1/2" Concave Washer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |              |
|         |          |                                                                                                                                                                                                                                                                                            |              | 13                                                                                      | 25151-000                                                                    | 1 1/2"-12 UNF Nylocknut                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |
|         |          |                                                                                                                                                                                                                                                                                            |              | 14                                                                                      | 19111-004                                                                    | 5/8"-18 UNF Drive Bushing Cap Stud                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |              |
|         |          |                                                                                                                                                                                                                                                                                            |              | 15                                                                                      | 19114-000                                                                    | 5/8"-18 UNF Drive Bushing Cap Stud Locknut                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |              |
|         |          |                                                                                                                                                                                                                                                                                            |              | 16                                                                                      |                                                                              | Saddle Cap                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4            |
|         |          |                                                                                                                                                                                                                                                                                            |              |                                                                                         | 15785-000                                                                    | RS 85K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |              |
|         |          |                                                                                                                                                                                                                                                                                            |              |                                                                                         | 47552-000                                                                    | RS 100K • 120K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |
|         |          |                                                                                                                                                                                                                                                                                            |              | 17                                                                                      |                                                                              | Saddle Cap Stud                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8            |
|         |          |                                                                                                                                                                                                                                                                                            |              |                                                                                         | 10948-000                                                                    | RS 85K - 1"-14 UNS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |              |
|         |          |                                                                                                                                                                                                                                                                                            |              |                                                                                         | 13411-000                                                                    | RS 100K • 120K - 1 1/2"-12 UNF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |
|         |          |                                                                                                                                                                                                                                                                                            |              | 18                                                                                      |                                                                              | Saddle Cap Flat Washer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 8            |
|         |          |                                                                                                                                                                                                                                                                                            |              |                                                                                         | 22962-006                                                                    | RS 85K - 1"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |              |
|         |          |                                                                                                                                                                                                                                                                                            |              |                                                                                         | 22962-030                                                                    | RS 100K • 120K - 1 1/2"                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |
|         |          |                                                                                                                                                                                                                                                                                            |              | 19                                                                                      |                                                                              | Saddle Cap Locknut                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 8            |
|         |          |                                                                                                                                                                                                                                                                                            |              |                                                                                         | 08017-000                                                                    | RS 85K - 1"-14 UNS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |              |
|         |          |                                                                                                                                                                                                                                                                                            |              |                                                                                         | 47042-000                                                                    | RS 100K • 120K - 1 1/2"-12 UNF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |              |
|         |          |                                                                                                                                                                                                                                                                                            |              | 20                                                                                      | 13422-XXX                                                                    | Torque Rod Assembly, <i>See Selection Guide on Page 12</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 4            |
|         |          |                                                                                                                                                                                                                                                                                            |              | 21                                                                                      | 06966-000                                                                    | Straddle Torque Rod Bushing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8            |
|         |          |                                                                                                                                                                                                                                                                                            |              | 22                                                                                      | 45000-011                                                                    | <b>Torque Rod End Adapter Kit</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 8            |
|         |          |                                                                                                                                                                                                                                                                                            |              | 23                                                                                      | 65133-000                                                                    | Torque Rod Bracket                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4            |
|         |          |                                                                                                                                                                                                                                                                                            |              | 24                                                                                      |                                                                              | Torque Rod Axle Bracket<br>*RS 85K • 100K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4            |
|         |          |                                                                                                                                                                                                                                                                                            |              |                                                                                         | 47924-000                                                                    | RS 120K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |              |

Table 1

## Quantities required per suspension for Key Nos. 8-15

|                | RS 85K | RS 100K | RS 120K | RS 120K<br>with 64" Beam |
|----------------|--------|---------|---------|--------------------------|
| Key Nos. 8-13  | 8      | 10      | 10      | 12                       |
| Key Nos. 14-15 | 16     | 20      | 20      | 24                       |

♦ Part number no longer in production, contact Hendrickson Truck Parts for available options.

## ■ Special Tools

### BAR PIN STYLE END BUSHING TOOLS

#### INSTALLATION TOOL

**Hendrickson Part No. 66086-103**

**OTC Part No. 1757**

Visit [otctools.com](http://otctools.com)



Use with the equalizing beam removed from the truck, and in conjunction with OTC No. 51100 press plate and a 100-ton hydraulic shop press.

#### REMOVAL TOOLS

**Hendrickson Part No. 66086-104**

**OTC Part No. 206457**

Visit [otctools.com](http://otctools.com)



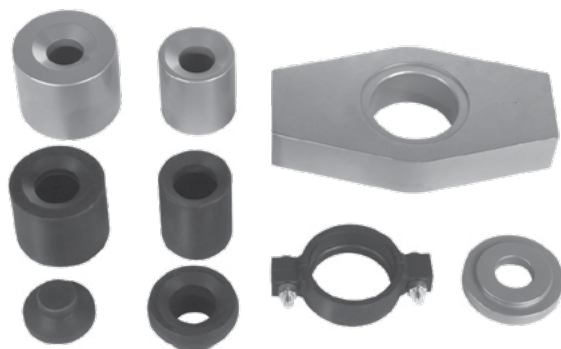
**Hendrickson Part No. 66086-105**

**OTC Part No. 302030**

Visit [otctools.com](http://otctools.com)



### ADAPTER STYLE END BUSHING TOOL SET • RUBBER CENTER BUSHING



#### 28K-52K lb. Capacity Bushings

**Hendrickson Part No. 66086-102**

**OTC Part No. 1764**

Visit [otctools.com](http://otctools.com)

Use with the equalizing beam removed from the truck and a 100-ton or larger hydraulic shop press.



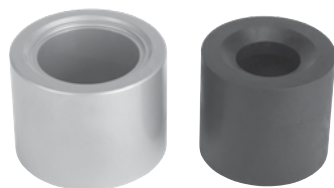
#### 65K-85K lb. Capacity Bushings

**Hendrickson Part No. 66086-101**

**OTC Part No. 1763**

Visit [otctools.com](http://otctools.com)

### RUBBER CENTER BUSHING TOOLS



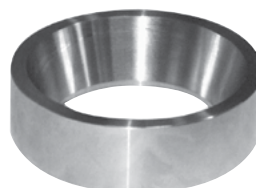
#### 40K lb. Capacity Bushings

**Hendrickson Part No. 66086-100**

**OTC Part No. 1746**

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### TORQUE ROD BUSHING FUNNEL TOOLS



#### ULTRA ROD

**Hendrickson Part No. 66086-001L**

#### ULTRA ROD PLUS

**Hendrickson Part No. 66086-000L**



## ■ Selection Guides

## KEY NO. 2

## Cross Tubes

| RS 40K • 46K • 48K |             | RS 52K |             | ♦RS 65K • 85K      |             | ♦RS 100K • 120K    |             |
|--------------------|-------------|--------|-------------|--------------------|-------------|--------------------|-------------|
| Length             | Part Number | Length | Part Number | Length             | Part Number | Length             | Part Number |
| 33 $\frac{3}{8}$ " | 44643-027   | 46"    | 07622-003   | 34 $\frac{3}{4}$ " | 10397-015   | 44 $\frac{1}{2}$ " | 13504-004   |
| 40 $\frac{3}{4}$ " | 44643-011   | 53"    | 07622-018   | 40"                | 10397-018   | 46"                | 13504-008   |
| 42"                | 44643-008   | 64"    | 07622-031   | 40 $\frac{3}{4}$ " | 10397-014   | 46 $\frac{3}{4}$ " | 13504-002   |
| 44 $\frac{7}{8}$ " | 44643-009   | 68"    | 07622-014   | 41"                | 10397-019   | 49"                | 13504-001   |
| 46"                | 44643-003   |        |             | 41 $\frac{3}{4}$ " | 10397-009   | 50 $\frac{3}{4}$ " | 13504-009   |
| 47"                | 44643-002   |        |             | 42"                | 10397-001   | 53"                | 13504-012   |
| 48"                | 44643-001   |        |             | 42 $\frac{1}{2}$ " | 10397-021   | 54 $\frac{3}{4}$ " | 13504-006   |
| 49 $\frac{1}{4}$ " | 44643-024   |        |             | 43 $\frac{3}{4}$ " | 10397-017   | 56"                | 13504-013   |
| 51"                | 44643-015   |        |             | 44 $\frac{3}{4}$ " | 10397-002   | 59"                | 13504-005   |
| 53"                | 44643-018   |        |             | 46"                | 10397-010   | 60 $\frac{1}{4}$ " | 13504-003   |
| 54 $\frac{1}{2}$ " | 44643-017   |        |             | 46 $\frac{1}{2}$ " | 10397-020   | 62 $\frac{1}{4}$ " | 13504-011   |
| 57"                | 44643-010   |        |             | 47 $\frac{1}{2}$ " | 10397-027   |                    |             |
| 64"                | 44643-028   |        |             | 50"                | 10397-013   |                    |             |
| 68"                | 44643-014   |        |             | 51 $\frac{1}{4}$ " | 10397-003   |                    |             |
| 77"                | 44643-029   |        |             | 52 $\frac{3}{4}$ " | 10397-006   |                    |             |
|                    |             |        |             | 54"                | 10397-025   |                    |             |
|                    |             |        |             | 56 $\frac{1}{2}$ " | 10397-016   |                    |             |
|                    |             |        |             | 61 $\frac{1}{4}$ " | 10397-008   |                    |             |
|                    |             |        |             | 62 $\frac{3}{4}$ " | 10397-031   |                    |             |
|                    |             |        |             | 67 $\frac{1}{2}$ " | 10397-004   |                    |             |
|                    |             |        |             | 75 $\frac{3}{4}$ " | 10397-029   |                    |             |

## KEY NO. 3 • Pages 3 and 5

## ♦Corresponding Center Bushing End Plugs for Cross Tube Replacement – 40K through 52K Only

|                       | Rubber Center Bushing<br>Part Number | End Plug<br>Part Number | Beam Center Sleeve<br>Bushing Part Number | End Plug<br>Part Number |
|-----------------------|--------------------------------------|-------------------------|-------------------------------------------|-------------------------|
| 40K • 46K             | 49400-000L • 49600-000L              | 22281-000               | 14685-000L                                | 57263-000               |
| 40K • 46K • 48K • 52K | 29483-005L • 34013-097L              |                         |                                           |                         |

♦ Hendrickson recommends for higher capacity walking beam suspensions removal of the equalizing beam to replace the cross tube. Refer to Hendrickson publication No. 17730-064 for more information.

**NOTE:** \* Not supplied by Hendrickson, used for reference only. Hendrickson is not responsible for components supplied by the vehicle manufacturer. For assistance with maintenance and rebuild instructions on these components see vehicle manufacturer.

\*\* Item included in kit/assembly only, part not sold separately.

\*\*\* Hendrickson's part number is stamped on the torque rod for identification. Be sure to include the suffix number when ordering, this number indicates rod length. Hendrickson's two-piece ULTRA ROD • ULTRA ROD PLUS can be used to create the desired length, refer to Hendrickson Lit. No. 45745-148.

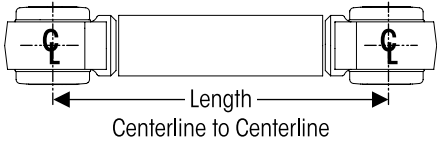
\*\*\*\* Transverse torque rods are mandatory for the RT/RTE rear suspension regardless of axle spacing, refer to Hendrickson Literature No. 59310-004 and 59310-058.

\*\*\*\*\* Longitudinal and transverse TRAAX Rod bushings are non-serviceable, the entire torque rod assembly requires replacement. Visit TRAAX ROD website [www.traaxrods.com](http://www.traaxrods.com) for more information.

# **■ Selection Guide (cont.)**

Key No. 20 • Page 9

## **Torque Rod Assembly – RS 85K • 100K • 120K**

|  | Length | Part No.   | Length | Part No.  | Length | Part No.  |
|-----------------------------------------------------------------------------------|--------|------------|--------|-----------|--------|-----------|
|                                                                                   | 16¼"   | 13422-019  | 23½"   | 13422-044 | 28"    | 13422-070 |
|                                                                                   | 18¾"   | 13422-060  | 23¾"   | 13422-014 | 28½"   | 13422-024 |
|                                                                                   | 19½"   | 13422-036  | 24"    | 13422-027 | 29¼"   | 13422-046 |
|                                                                                   | 20"    | 13422-013  | 24⅝"   | 13422-052 | 29½"   | 13422-071 |
|                                                                                   | 20½"   | 13422-067  | 24½"   | 13422-017 | 30"    | 13422-009 |
|                                                                                   | 21"    | 13422-056  | 24¾"   | 13422-055 | 30¾"   | 13422-018 |
|                                                                                   | 21⅞"   | 13422-022  | 25"    | 13422-031 | 31"    | 13422-025 |
|                                                                                   | 21¼"   | 13422-064  | 25½"   | 13422-023 | 31¾"   | 13422-020 |
|                                                                                   | 21⅝"   | ◆13422-053 | 26"    | 13422-005 | 32"    | 13422-012 |
|                                                                                   | 21½"   | 13422-039  | 26½"   | 13422-002 | 32½"   | 13422-004 |
|                                                                                   | 21¾"   | 13422-068  | 26¾"   | 13422-010 | 33"    | 13422-003 |
|                                                                                   | 22"    | 13422-029  | 27"    | 13422-033 | 35"    | 13422-008 |
|                                                                                   | 22½"   | 13422-026  | 27¼"   | 13422-011 | 35⅝"   | 13422-061 |
|                                                                                   | 22¾"   | 13422-069  | 27½"   | 13422-040 | 36"    | 13422-001 |
|                                                                                   | 23"    | 13422-063  | 27¾"   | 13422-045 | 40"    | 13422-037 |
| ◆ No longer available, replaced by 13422-064                                      |        |            |        |           |        |           |

This is a general parts list to provide directional information. Components may vary by model. Questions in regards to parts, contact Hendrickson Truck Parts at 1.866.755.5968 (Toll-free U.S. and Canada), 630.910.2800 (Outside U.S. and Canada) or email: [truckparts@hendrickson-intl.com](mailto:truckparts@hendrickson-intl.com).

Actual product performance may vary depending upon vehicle configuration, operation, service and other factors.

All applications must comply with applicable Hendrickson specifications and must be approved by the respective vehicle manufacturer with the vehicle in its original, as-built configuration.

Contact Hendrickson for additional details regarding specifications, applications, capacities, and operation, service and maintenance instructions.

**Call your truck dealer or Hendrickson at 1.866.755.5968 (toll-free) or 1.630.910.2800 for additional information.**



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