

# **PARTS LIST**

## ULTIMAAX® Rear Suspension for MAN Vehicles

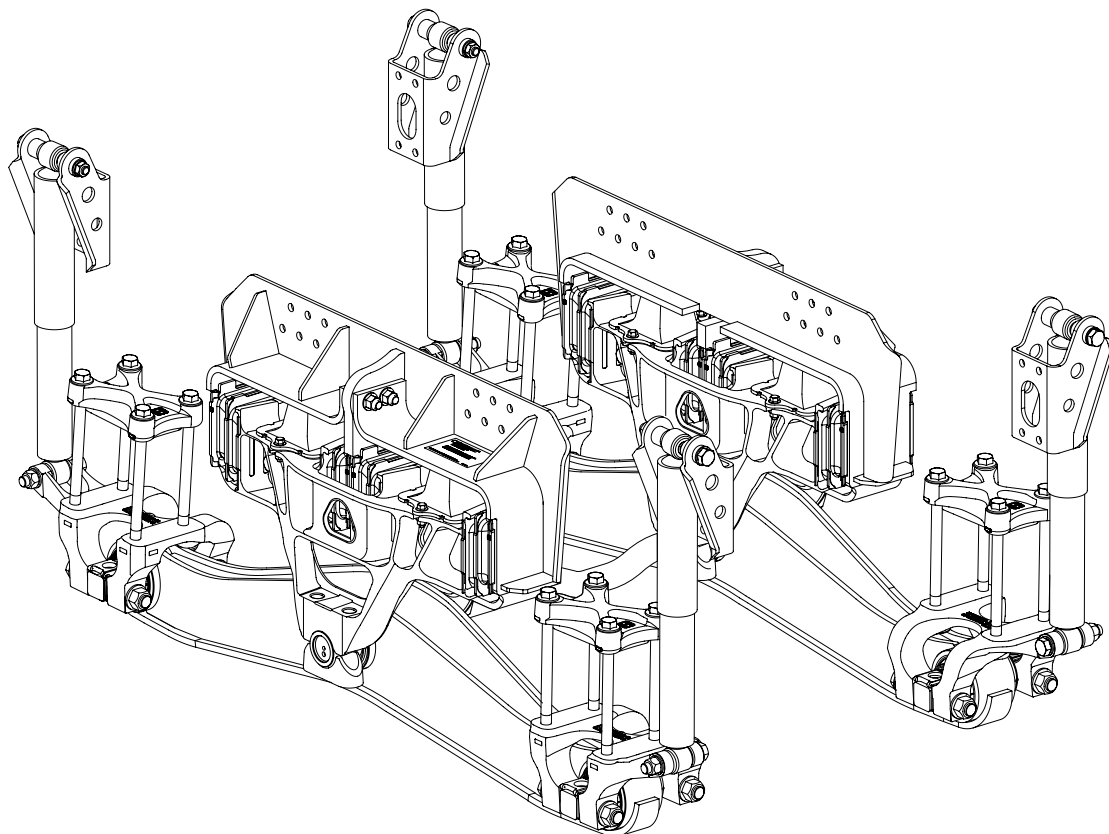
LIT NO: SP-334

DATE: June 2023

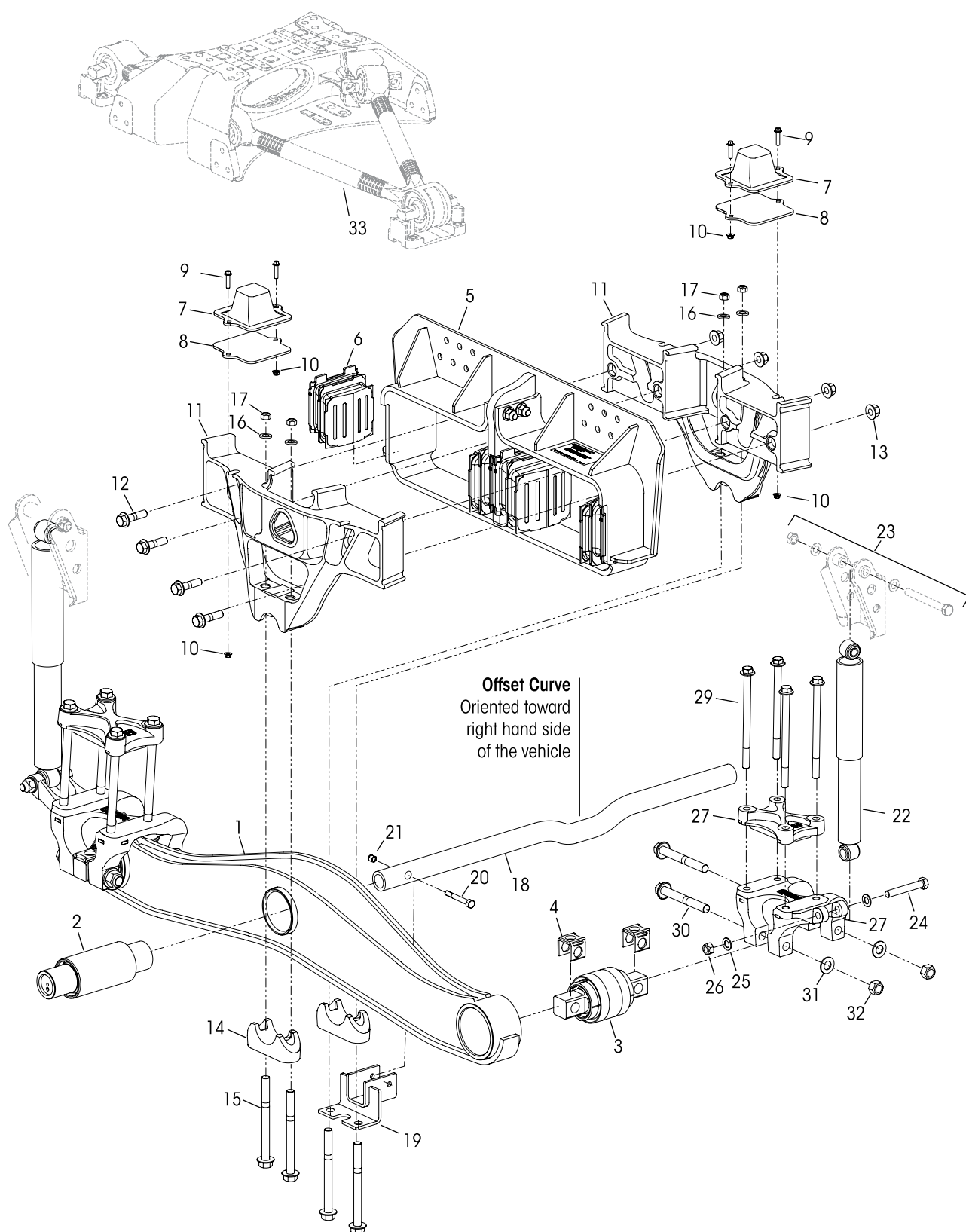
REVISION: C

### CONTENTS

| DESCRIPTION             | PAGE |
|-------------------------|------|
| Parts List . . . . .    | 2    |
| Service Kits . . . . .  | 4    |
| Special Tools . . . . . | 6    |



## 26t Capacity





| KEY NO. | PART NO.    | DESCRIPTION                                                                                                    | VEHICLE QUANTITY |
|---------|-------------|----------------------------------------------------------------------------------------------------------------|------------------|
| 1       | 070649-140  | Equalizing Beam Assembly, 1,400 mm<br>Includes Key Nos. 2-3                                                    | 2                |
|         | 034013-378  | <b>Equalizing Beam Bushings Service Kit, One Beam</b> , Includes Key Nos. 2-3, 15-17                           |                  |
| 2       | 069538-000P | Center Bushing                                                                                                 | 2                |
| 3       | 091172-000P | Beam End Bushing, Includes Key No. 4                                                                           |                  |
| 4       | 050130-000P | Bar Pin Shim                                                                                                   | 8                |
| 5       | 070726-000  | Frame Hanger, 275 mm Ride Height,<br>762 mm Frame Width                                                        | 2                |
|         | 034013-376  | <b>Shear and Progressive Load Spring Service Kit, One Side</b> , Includes Key Nos. 6-7, 9-10, 12-13, 15-17, 34 |                  |
|         | 034013-377  | <b>Shear Spring Service Kit, One Side</b><br>Includes Key Nos. 6, 12-13, 15-17, 34                             |                  |
| 6       |             | *Shear Spring                                                                                                  | 8                |
|         | 034013-215  | <b>Progressive Load Spring Service Kit, One Side</b><br>Includes Key Nos. 7, 9-10                              |                  |
|         | 034013-212  | <b>Progressive Load Spring Fasteners Service Kit, One Side</b> , Includes Key Nos. 9-10                        |                  |
| 7       |             | *Progressive Load Spring (PLS)                                                                                 | 4                |
| 8       | 070824-001  | *Progressive Load Spring Spacer                                                                                | 4                |
| 9       |             | *M10 x 1.5 x 35 mm Flange Screw                                                                                | 8                |
| 10      |             | *M10 x 1.5 Flange Locknut                                                                                      | 8                |
| 11      | 070886-000  | Saddle Assembly                                                                                                | 4                |
|         | 034013-213  | <b>Saddle Only Fasteners Service Kit, One Side</b> ,<br>Includes Key Nos. 12-13                                |                  |
| 12      |             | *M20 x 1.5 x 75 mm Flange Bolt                                                                                 | 8                |
| 13      |             | *M20 x 1.5 Flange Locknut                                                                                      | 8                |
| 14      | 077205-001  | Saddle Cap                                                                                                     | 4                |

| KEY NO. | PART NO.      | DESCRIPTION                                                                    | VEHICLE QUANTITY |
|---------|---------------|--------------------------------------------------------------------------------|------------------|
|         | 034013-209    | <b>Saddle Cap Fasteners Service Kit, One Side</b> ,<br>Includes Key Nos. 15-17 |                  |
| 15      |               | *M16 x 2 x 180 mm Flange Bolt                                                  | 8                |
| 16      |               | *M16 Flat Washer                                                               | 8                |
| 17      |               | *M16 x 2 Locknut                                                               | 8                |
|         | 01AXC0424     | <b>Cross Tube Service kit</b> ,<br>Includes Key Nos. 15-17, 18-21              |                  |
| 18      | 069640-110    | Cross Tube - 1089 mm                                                           | 1                |
| 19      | 15CXC0445     | Anti-twist Bracket, Equipped on Inboard<br>Drivers Side Only                   | 1                |
| 20      |               | *M10 x 1,25 x 80 mm Flange Bolt                                                | 1                |
| 21      |               | *M10 x 1,25 Hex Nut                                                            | 1                |
| 22      | 50AXC0008-239 | Damper                                                                         | 4                |
| 23      |               | **Damper Top Mounting Bracket Assembly                                         | 4                |
| 24      | HF100321      | M20 x 2.5 x 130 mm Hex Bolt                                                    | 4                |
| 25      | NF1014        | M20 Washer                                                                     | 8                |
| 26      | HF100188      | M20 x 2.5 Hex Nut                                                              | 4                |
| 27      |               | Axle Bracket                                                                   |                  |
|         | 13CLC0034     | Front Left Hand                                                                | 1                |
|         | 13CRC0034     | Front Right Hand                                                               | 1                |
|         | 13CLC0020     | Rear Left Hand                                                                 | 1                |
|         | 13CRC0020     | Front Left Hand                                                                | 1                |
| 28      | 13CXC0128     | Top Pad                                                                        | 4                |
| 29      | HF100402      | M20 X 1.5 x 300 mm Bolt                                                        | 16               |
| 30      | HF100444      | M24 x 2 x 210 mm Flange Bolt                                                   | 8                |
| 31      | HF100259      | M24 Washer                                                                     | 8                |
| 32      | HF100252      | M24 Nut                                                                        | 8                |
| 33      |               | **V-torque Rod Assembly                                                        |                  |
| 34      | 070867-001    | P-80 Lubricant - 10 ml (Not Shown)                                             | As Req.          |

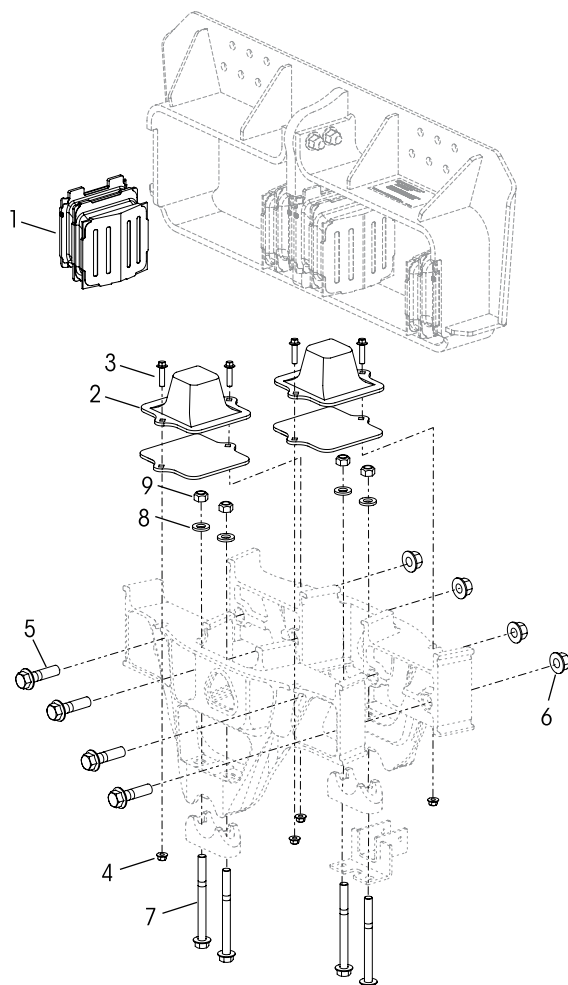
**NOTES:** \* Item included in assembly / service kit only, part not sold separately.

\*\* Not supplied by Hendrickson although it is a required component. Shown for reference only. For assistance with maintenance and rebuild instructions on these components refer to the vehicle manufacturer.

**Hendrickson Lit. No. 48422-592 (English) 48422-592DE (German)** – ULTIMAAX Gauge Card can be used to measure in unloaded condition (1) the height of the progressive load spring and (2) the length of cut or split of the shear spring.

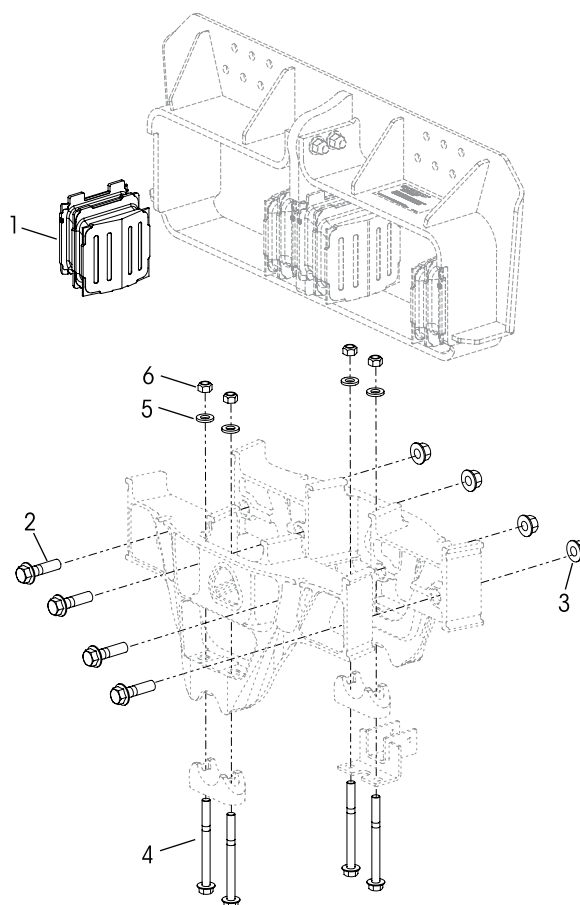
**ULTIMAAX Service Kits**

**Service Kit No.** | Shear and Progressive Load Spring  
**34013-376** | One Side



| KEY NO. | PART NO. | DESCRIPTION                        | QTY.    |
|---------|----------|------------------------------------|---------|
| 1       |          | *Shear Spring                      | 4       |
| 2       |          | *Progressive Load Spring           | 2       |
| 3       |          | *M10 x 1.5-6g x 35 mm Flange Screw | 4       |
| 4       |          | *M10 x 1.5 Flange Locknut          | 4       |
| 5       |          | *M20 x 1.5 x 75 mm Flange Bolt     | 4       |
| 6       |          | *M20 x 1.5 Flange Locknut          | 4       |
| 7       |          | *M16 x 2 x 180 mm Flange Bolt      | 4       |
| 8       |          | *M16 Flat Washer                   | 4       |
| 9       |          | *M16 x 2 Locknut                   | 4       |
| 10      |          | P-80 Lubricant - 10 ml (Not Shown) | As Req. |

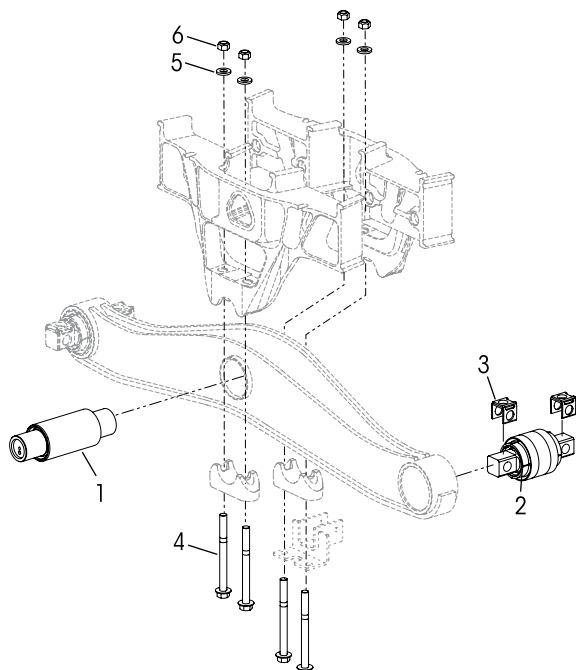
**Service Kit No.** | Shear Spring  
**34013-377** | One Side



| KEY NO. | PART NO. | DESCRIPTION                        | QTY.    |
|---------|----------|------------------------------------|---------|
| 1       |          | *Shear Spring                      | 4       |
| 2       |          | *M20 x 1.5 x 75 mm Flange Bolt     | 4       |
| 3       |          | *M20 x 1.5 Flange Locknut          | 4       |
| 4       |          | *M16 x 2 x 180 mm Flange Bolt      | 4       |
| 5       |          | *M16 Flat Washer                   | 4       |
| 6       |          | *M16 x 2 Locknut                   | 4       |
| 7       |          | P-80 Lubricant - 10 ml (Not Shown) | As Req. |

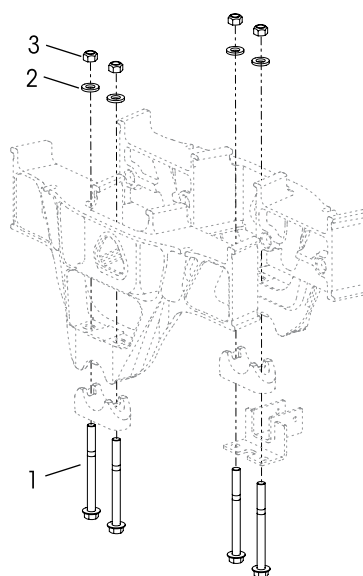
## ULTIMAAX Service Kits

**Service Kit No.** | Equalizing Beam Bushings  
**34013-378** | One Beam



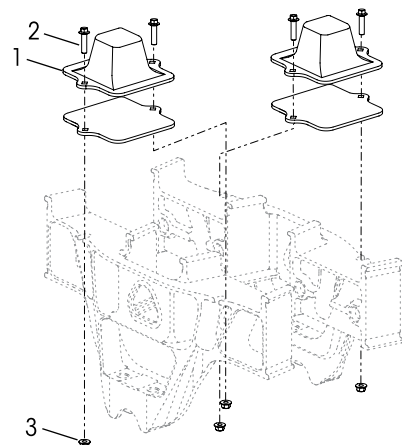
| KEY NO. | PART NO. | DESCRIPTION                   | QTY. |
|---------|----------|-------------------------------|------|
| 1       |          | *Center Bushing               | 1    |
| 2       |          | *Bar Pin End Bushing          | 2    |
| 3       |          | *Bar Pin Shims                | 4    |
| 4       |          | *M16 x 2 x 180 mm Flange Bolt | 4    |
| 5       |          | *M16 Flat Washer              | 4    |
| 6       |          | *M16 x 2 Locknut              | 4    |

**Service Kit No.** | Saddle Cap Fasteners  
**34013-209** | One Side



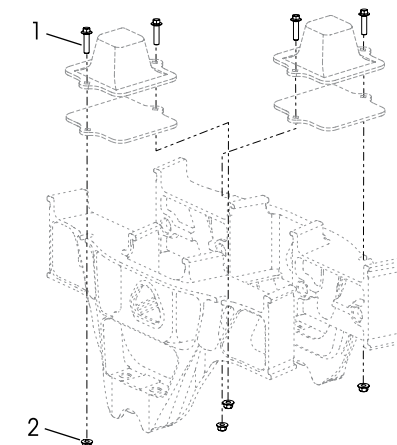
| KEY NO. | PART NO. | DESCRIPTION                   | QTY. |
|---------|----------|-------------------------------|------|
| 1       |          | *M16 x 2 x 180 mm Flange Bolt | 4    |
| 2       |          | *M16 Flat Washer              | 4    |
| 3       |          | *M16 x 2 Locknut              | 4    |

**Service Kit No.** | Progressive Load Spring  
**34013-215** | One Side



| KEY NO. | PART NO. | DESCRIPTION                        | QTY. |
|---------|----------|------------------------------------|------|
| 1       |          | *Progressive Load Spring           | 2    |
| 2       |          | *M10 x 1.5-6g x 35 mm Flange Screw | 4    |
| 3       |          | *M10 x 1.5 Flange Locknut          | 4    |

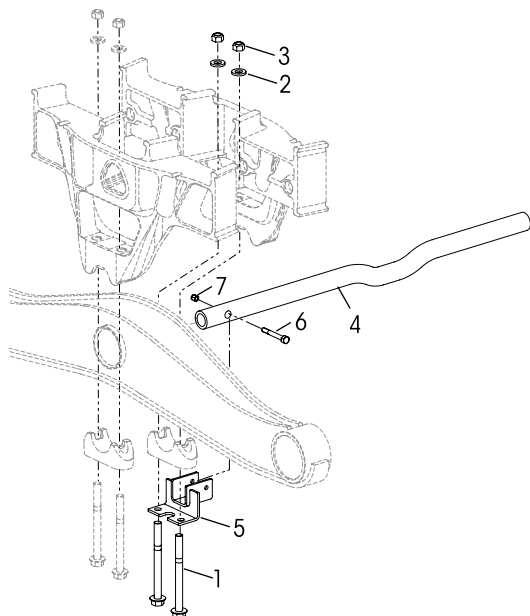
**Service Kit No.** | Progressive Load Spring Fasteners  
**34013-212** | One Side



| KEY NO. | PART NO. | DESCRIPTION                        | QTY. |
|---------|----------|------------------------------------|------|
| 1       |          | *M10 x 1.5-6g x 35 mm Flange Screw | 4    |
| 2       |          | *M10 x 1.5 Flange Locknut          | 4    |

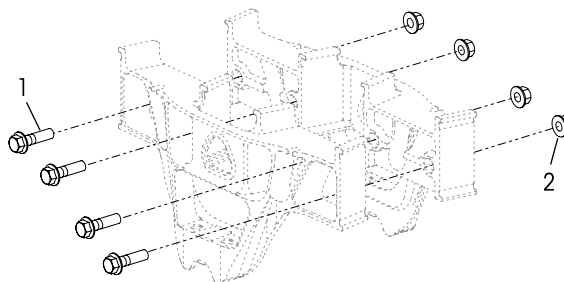
**ULTIMAAX Service Kits**

**Service Kit No.** | Cross Tube  
01AXC0424 | One Side



| KEY NO. | PART NO.   | DESCRIPTION                                               | QTY. |
|---------|------------|-----------------------------------------------------------|------|
| 1       |            | *M16 x 2 x 180 mm Flange Bolt                             | 2    |
| 2       |            | *M16 Flat Washer                                          | 2    |
| 3       |            | *M16 x 2 Locknut                                          | 2    |
| 4       | 069640-110 | Cross Tube - 1089 mm                                      | 1    |
| 5       | 15CXC0445  | Anti-twist Bracket, Equipped on Inboard Drivers Side Only | 1    |
| 6       |            | *M10 x 1,25 x 80 mm Flange Bolt                           | 1    |
| 7       |            | *M10 x 1,25 Hex Nut                                       | 1    |

**Service Kit No.** | Saddle Only Fasteners  
**34013-213** | One Side



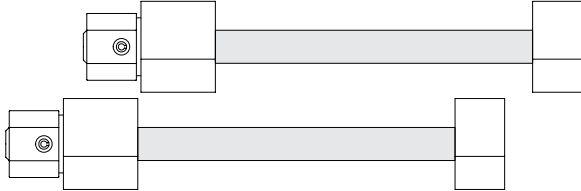
| KEY NO. | PART NO. | DESCRIPTION                    | QTY. |
|---------|----------|--------------------------------|------|
| 1       |          | *M20 x 1.5 x 75 mm Flange Bolt | 4    |
| 2       |          | *M20 x 1.5 Flange Locknut      | 4    |

## ■ Special Tools

### SADDLE ASSEMBLY TOOLS

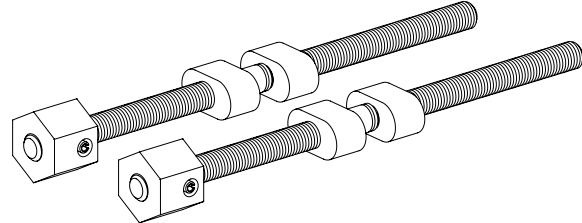
#### INSTALLATION TOOL

Hendrickson Part No. 66086-108L



#### REMOVAL TOOL

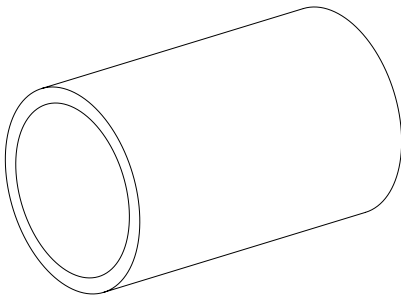
Hendrickson Part No. 66086-113L



### END BUSHING TOOLS

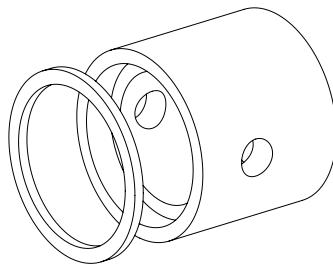
#### RECEIVING TOOL

Hendrickson Part No. 66086-111



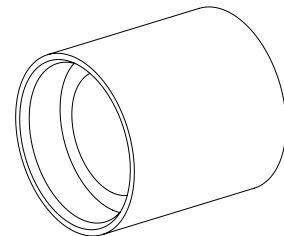
#### INSTALLATION TOOL

Hendrickson Part No. 66086-115  
Contents: Spacer and Tool



#### REMOVAL TOOL

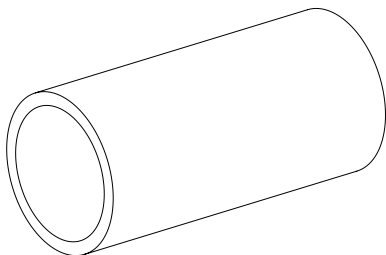
Hendrickson Part No. 66086-109



### CENTER BUSHING TOOLS

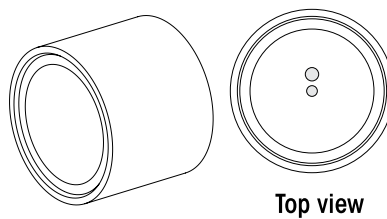
#### RECEIVING TOOL

Hendrickson Part No. 66086-112



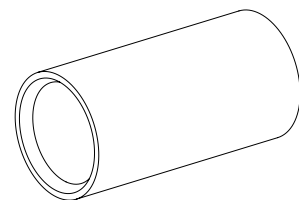
#### INSTALLATION TOOL

Hendrickson Part No. 66086-107



#### REMOVAL TOOL

Hendrickson Part No. 66086-110



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 +43 664 889 88 763 or +44 1604 498 713. Email: [office-europe@hendrickson-intl.com](mailto:office-europe@hendrickson-intl.com) or [ukaftermarket@hendrickson-intl.com](mailto:ukaftermarket@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 Hendrickson or visit our global websites for additional information.**



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