

# **H** PARTS LIST

VANTRAAX® HKAT 50K/  
HKA 250

LIT NO: L561

DATE: October 2016

REVISION: E

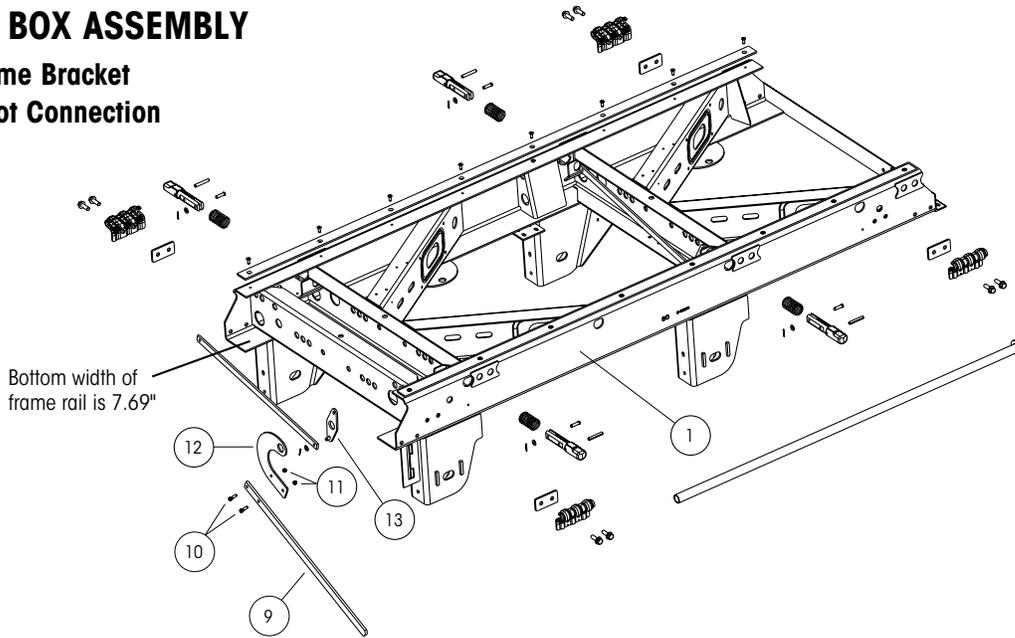
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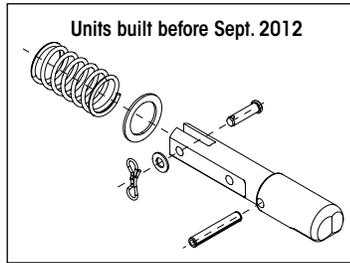
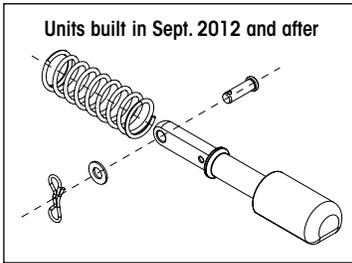


**SLIDER BOX ASSEMBLY**

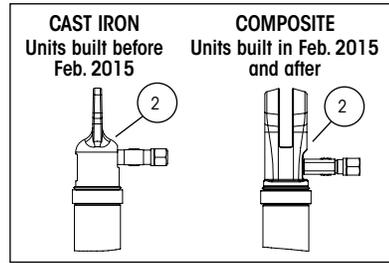
**Wide Frame Bracket**  
**Wide Pivot Connection**



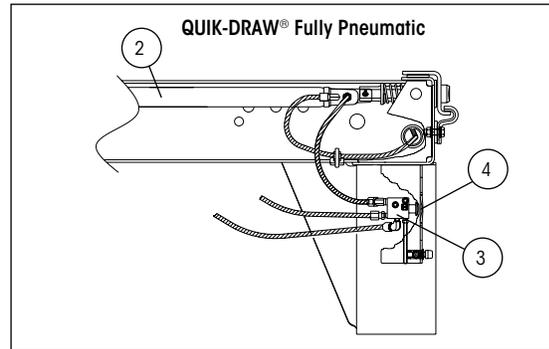
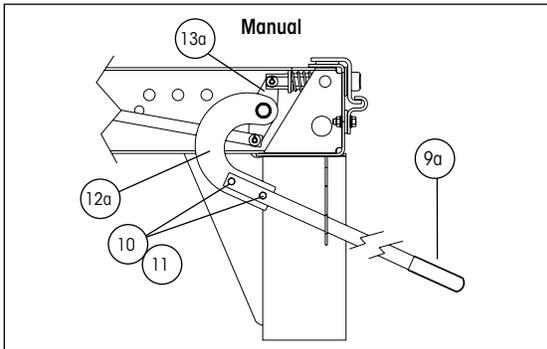
**SLIDER PINS**



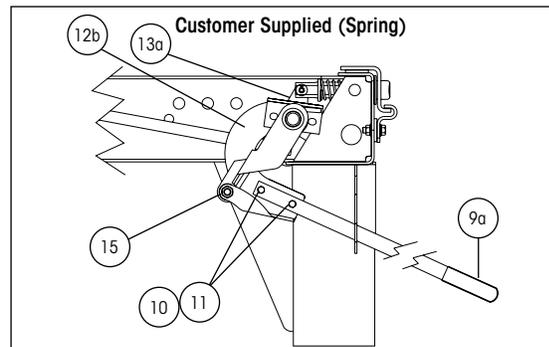
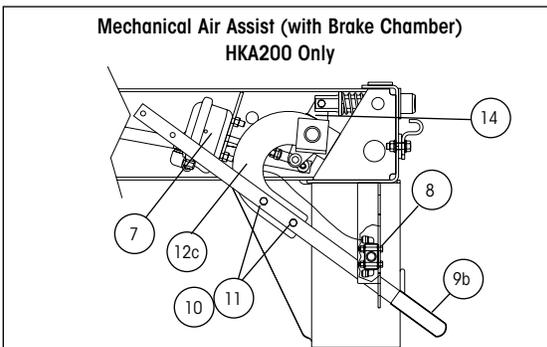
**QUIK-DRAW® ACTUATOR ENDS**



**CURRENT PRODUCTION PIN-PULL RELEASE MECHANISMS**



**NO LONGER AVAILABLE ON PRODUCTION MODELS OR BOX REPLACEMENTS —  
 PARTS FOR THESE MECHANISMS ARE STILL AVAILABLE**



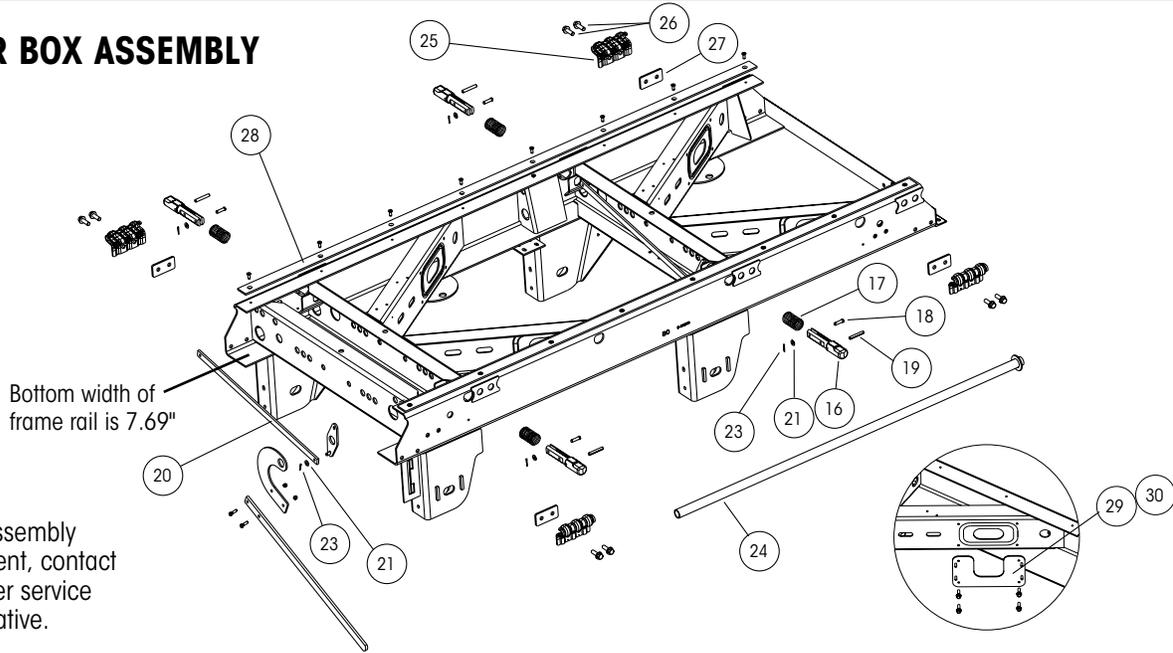
**SLIDER BOX ASSEMBLY**

| ITEM | DESCRIPTION                                    | PART NO.   | SYSTEM QTY. | NOTE   |
|------|--|------------|-------------|--|
| 1    | <b>AFTERMARKET BOX REPLACEMENT</b>             | AMBOX.###  | 1           | Many options exist. Contact Hendrickson with your model number for assistance. You can upgrade to QUIK-DRAW® pneumatic pin-pull system when you replace your slider box. |
| 2    | <b>QUIK-DRAW® PNEUMATIC PIN-PULL MECHANISM</b> |            |             | See L751 QUIK-DRAW Parts List  |
| 3    | <b>QUIK-DRAW VALVE</b>                         |            |             | See L751 QUIK-DRAW Parts List  |
| 4    | <b>QUIK-DRAW VALVE KNOB with SET SCREW</b>     |            |             | See L751 QUIK-DRAW Parts List  |
| 5    | <b>QUIK-DRAW VALVE SPACER</b> (Not Shown)      |            |             | See L751 QUIK-DRAW Parts List  |
| 6    | <b>QUIK-DRAW RETROFIT KIT</b> (Not Shown)      |            |             | See L751 QUIK-DRAW Parts List  |
| 7    | <b>BRAKE CHAMBER MECHANICAL AIR ASSIST</b>     | A-23039    | 1           | Type 12 modified   |
| 8    | <b>AIR VALVE MECHANICAL AIR ASSIST</b>         | VS-23224   | 1           | Air valve with fittings  |
| 9    | <b>HANDLE ASSEMBLY</b>                         |            |             |  |
|      | 9a Manual and customer supplied                | S-25592    | 1           | Handle and grip assembly   |
|      | 9b Mechanical air assist                       | B-22923    | 1           | Handle only  |
| 10   | <b>HANDLE BOLT</b>                             | SA-1100-10 | 2           | 2-3/8"-16 × 1-1/4" hex head bolt, grade 5  |
| 11   | <b>HANDLE NUT</b>                              | SA-9000-5  | 2           | 2-3/8"-16 lock nut, grade B  |
| 12   | <b>HANDLE MOUNT</b>                            |            |             |  |
|      | 12a Manual                                     | C-21275    | 1           |  |
|      | 12b Customer supplied                          | S-23534    | 1           | Includes crank arm bolt kit  |
|      | 12c Mechanical air assist                      | C-23231    | 1           |  |
| 13   | <b>CRANK ARM WELDMENT</b>                      |            |             |  |
|      | 13a Manual and customer supplied               | B-33010    | 2           | For front and rear of slider box   |
|      | 13b Mechanical air assist - rear (Not Shown)   | B-33010    | 1           | For rear of slider box   |
| 14   | <b>CRANK ARM PLATE MECHANICAL AIR ASSIST</b>   | B-23025    | 1           | For front of slider box  |
| 15   | <b>CRANK ARM BOLT KIT</b>                      |            |             |  |
|      | Customer supplied mechanism                    | A-22041    | 1           | Includes bolt, flat washer, lock washer and nut  |

Note: Identification can be found on the roadside slider box rail above the front frame bracket. There is also a blank INTRAAX® tag on the inside of the curbside beam.

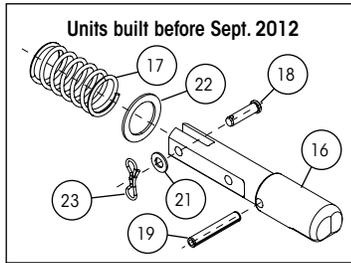
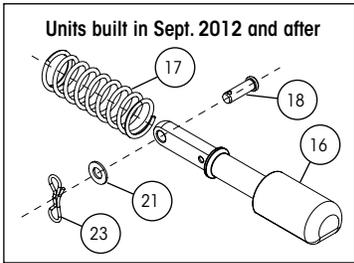


**SLIDER BOX ASSEMBLY**

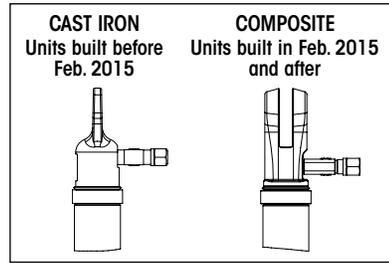


For box assembly replacement, contact a customer service representative.

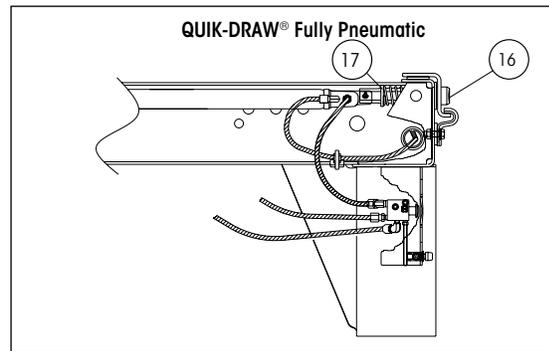
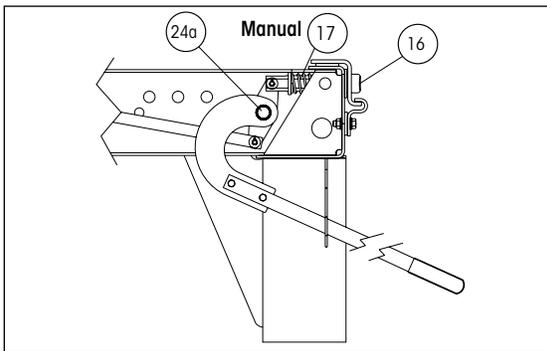
**SLIDER PINS**



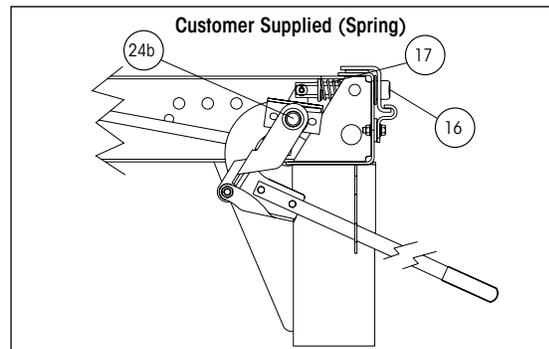
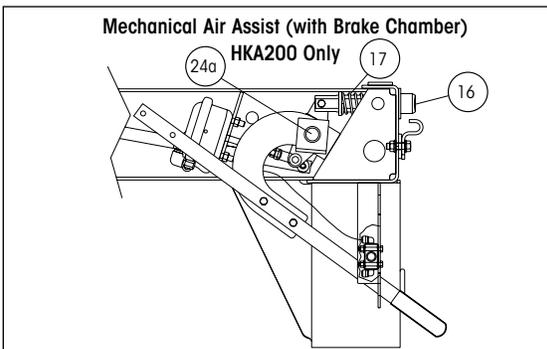
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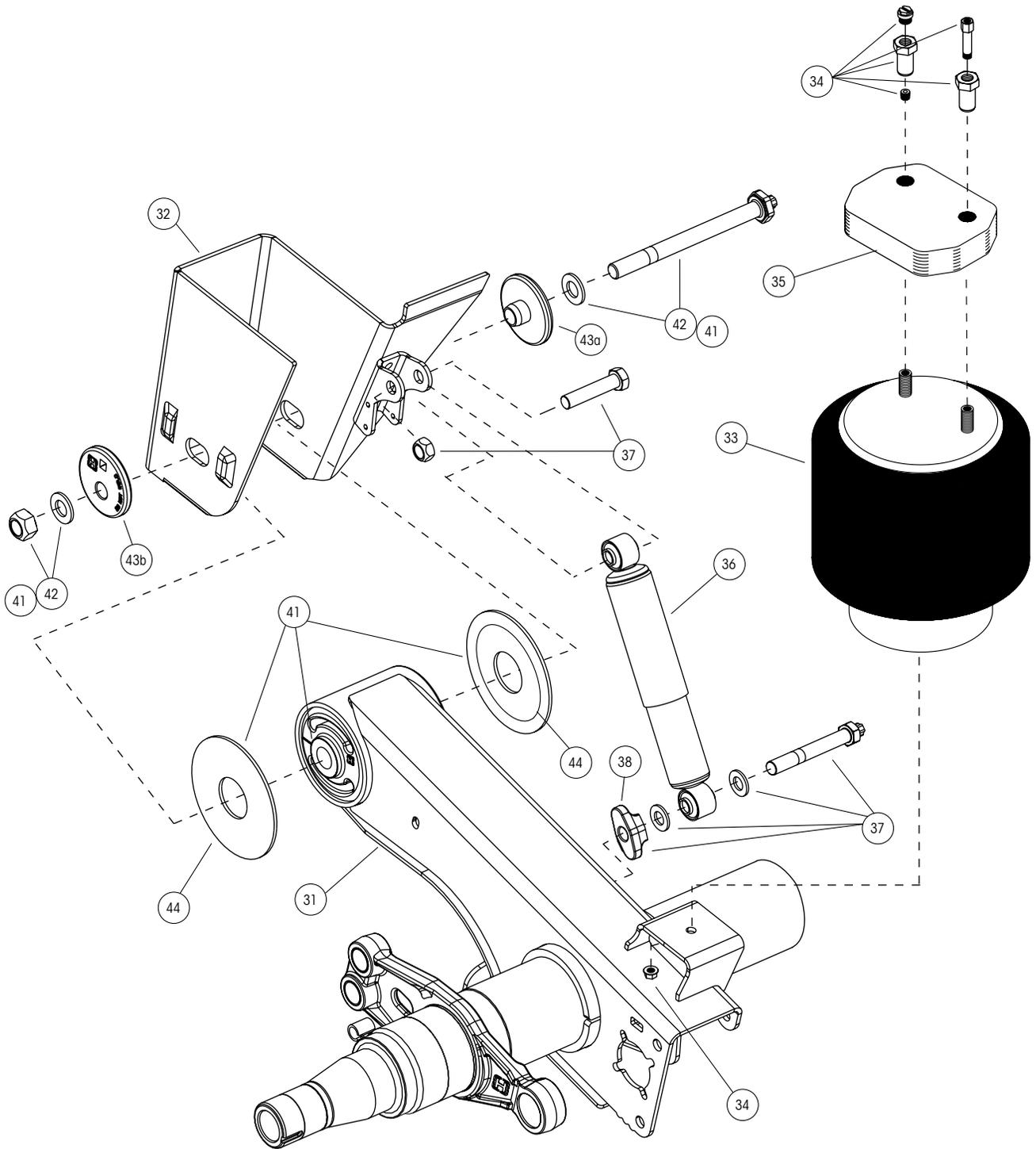
**SLIDER BOX ASSEMBLY**

| ITEM | DESCRIPTION  | PART NO.  | SYSTEM QTY. | NOTE  |
|------|--|-----------|-------------|---|
| 16   | LOCKING PIN  |           |             | See L751 QUIK-DRAW <sup>®</sup> Parts List                                |
| 17   | LOCKING PIN SPRING                                 |           |             | See L751 QUIK-DRAW Parts List   |
| 18   | CLEVIS PIN   |           |             | See L751 QUIK-DRAW Parts List   |
| 19   | SPRING PIN (Units built before Sept. 2012)         |           |             | See L751 QUIK-DRAW Parts List   |
| 20   | LOCKING PIN LINK                                   |           |             | See L751 QUIK-DRAW Parts List   |
| 21   | LOCKING PIN WASHER                                 |           |             | See L751 QUIK-DRAW Parts List   |
| 22   | PIN WASHER (Units built before Sept. 2012)         |           |             | See L751 QUIK-DRAW Parts List   |
| 23   | LOCKING PIN LINK COTTER PIN                        |           |             | See L751 QUIK-DRAW Parts List   |
| 24   | PIPE WELDMENT                                      |           |             |   |
|      | 24a Manual and mechanical air assist               | S-21433   | 1           |   |
|      | 24b Customer supplied machanism                    | S-21433-1 | 1           |   |
| 25   | BODY RAIL CLIP                                     |           |             |   |
|      | 25a 3.4" clip height                               | S-24459   | 4           | Use with 4" hole centers  |
|      | 25b 3.8" clip height                               | S-24460   | 4           | Use with 6" hole centers  |
| 26   | BODY RAIL CLIP BOLT                                | SA-6900-2 | 8           | 1/2"-13" x 1-1/2" flanged bolt  |
| 27   | BODY RAIL CLIP SPACER                              |           |             |   |
|      | 2" clip hole centers                               | A-22367   | 4           |   |
| 28   | SLIDER WEAR PAD KIT                                | S-14342-3 | 2           | Pad with screws   |
| 29   | K-BRACE REINFORCEMENT KIT (16" Ride Height)        | S-27316-1 | 1           | Includes (4) reinforcement plates, (4) air spring plates, screws and nuts |
| 30   | K-BRACE REINFORCEMENT KIT (All Other Ride Heights) | S-27316-2 | 1           | Includes (4) reinforcement plates, screws and nuts                        |

Note: Identification can be found on the roadside slider box rail above the front frame bracket. There is also a blank INTRAAX<sup>®</sup> tag on the inside of the curbside beam.



SUSPENSION ASSEMBLIES



**SUSPENSION ASSEMBLIES**

| ITEM | DESCRIPTION   | PART NO.   | SYSTEM QTY. | NOTE  |
|------|---|------------|-------------|---|
| 31   | HALF-TRAAX AXLE / BEAM WELDMENT   | HTRAAX.### | 2           | Contact Hendrickson for assistance<br>Many options exist. Contact Hendrickson with your model number for assistance. You can spec your replacement axles fully dressed. |
| 32   | FRAME BRACKET   |            |             | See L1266 Frame Bracket Parts List  |
| 33   | AIR SPRING  |            |             |   |
|      | 14"-15" ride height   | S-20901    | 4           | Includes air spring bottom disk   |
|      | 16"-19" ride height   | S-23748    | 4           | Same as above   |
| 34   | AIR SPRING MOUNTING KIT (per air spring) When model includes a 2", weld-on pedestal under the air spring. |            |             |   |
|      | 14" and 16.5" ride height   | S-22635/2  | 4           | Includes Spiralock nuts, pipe plug and flange nut   |
|      | 16" ride height   | S-22619/2  | 4           | Same as above   |
|      | 15" and 18" ride height   | S-22631/2  | 4           | Includes Spiralock nuts, pipe plug, air fitting and flange nut  |
|      | 17" ride height   | S-22630/2  | 4           | Same as above   |
|      | 19" ride height   | S-22632/2  | 4           | Same as above   |
| 35   | AIR SPRING SPACER - When model includes a 2", weld-on pedestal under the air spring.                      |            |             |   |
|      | 14" and 16.5" ride height   | B-22510-4  | 4           | 3/4" spacer   |
|      | 15" and 18" ride height   | B-22510-2  | 4           | 1-7/8" spacer   |
|      | 17" ride height   | B-22510-1  | 4           | 1-1/8" spacer   |
|      | 19" ride height   | B-22510-3  | 4           | 3-1/8" spacer   |
| 36   | SHOCK ABSORBER  |            |             |   |
|      | Standard duty   | S-24023    | 4           |   |
| 37   | SHOCK BOLT KIT  | S-24049/2  | 4           | Includes shear bolt, spacer, washers, hex bolt and hex nut  |
| 38   | SHOCK SPACER  | B-27196    | 4           |   |
| 39   | SHOCK STRAP (Not Shown)   | C-24041-1  | 4           |   |
| 40   | SHOCK STRAP KIT (Not Shown)   | C-23086-1  | 4           | Includes strap, clevis and ties   |
| 41   | TRI-FUNCTIONAL <sup>®</sup> PIVOT BUSHING KIT   |            |             |   |
|      | Wide bushing  | S-24691    | 4           | Includes (1) bushing, (1) pivot bolt kit, (2) bushing tube spacers and lubricant pack   |
| 42   | QUIK-ALIGN <sup>®</sup> PIVOT BOLT KIT (alignment collars not included)                                   | S-24679    | 4           | Contains 10" bolt, nut and hardened washers   |
| 43   | QUIK-ALIGN ALIGNMENT COLLAR   |            |             |   |
|      | 43a Concentric (inner)  | S-20924    | 4           | Pivot bolt hole is centered   |
|      | 43b Eccentric (outer)   | S-20925    | 4           | Pivot bolt hole is offset from center   |
| 44   | BUSHING TUBE SPACER   | S-21099    | 8           | Outer diameter dimension of TRI-FUNCTIONAL <sup>®</sup> Bushing inner-metal is 2.2"; Inner hole dimension of bushing tube spacer 2.38"                                  |

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