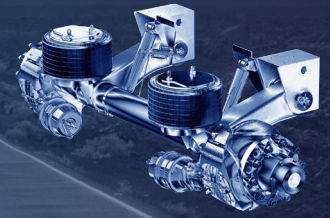




## Trailer Primary Suspension Order Form RAR-266 Model



\*= required field

### CONTACT INFORMATION

\*Company Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_  
State \_\_\_\_\_  
Zip Code \_\_\_\_\_

\*Contact Name \_\_\_\_\_  
Email \_\_\_\_\_  
Office # \_\_\_\_\_  
Mobile # \_\_\_\_\_

### TRAILER INFORMATION

Trailer Type (Choose one) \_\_\_\_\_  
(tank, flatbed, livestock, grain, etc.)

Number of Axles \_\_\_\_\_  
Axle Spacing \_\_\_\_\_

\*Trailer Width (ft.) ☐ 96"  
☐ 102"  
☐ Other (Please specify) \_\_\_\_\_

\*Axle Track ☐ 71.5"  
☐ 77.5"  
☐ Other (Please specify) \_\_\_\_\_

Trailer Length (ft.) \_\_\_\_\_

\*Trailer Usage ☐ On-Road  
☐ Off-Road  
☐ Mixed

Hanger Centers (Beam Centers) ☐ 35" (for 71.5" Track)  
☐ 41" (for 77.5" Track)  
☐ Other (Please specify) \_\_\_\_\_

Wheel Data ☐ Single-Wheel  
☐ Dual-Wheel

Wheel Size ☐ 17.5"  
☐ 19.5"-24.5"

### DESIRED RIDE HEIGHT

\*Ride Height (Inches) \_\_\_\_\_

or

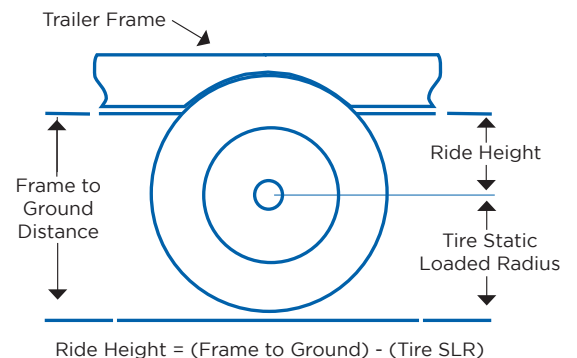
Frame to Ground Dimension (Inches) - See Figure 1

**NOTE:** Be sure Trailer is at desired Ride Height when Measuring

Frame to Ground (Inches) \_\_\_\_\_

Tire Size (i.e. 11R225) \_\_\_\_\_

Figure 1:



### SUSPENSION STYLE

\*Hanger Mounting ☐ Weld-On  
☐ Bolt-On  
☐ Yoke Mount

Suspension Style ☐ Overslung  
☐ Underslung

**SUSPENSION STYLE CONTINUED...**

- \*Capacity
- ☐ 23K
- ☐ 25K
- ☐ 30K

**SUSPENSION OPTIONS**

## Height Control Kit

- Valve Type
- ☐ Standard
- ☐ With Integrated Pressure Dump
- ☐ With Integrated Zero Pressure Dump
- ☐ Low Flow (for non-engine driven compressors)
- Pressure Protection Valve
- ☐ Yes
- ☐ Yes, with Check Seal
- ☐ No
- Mounting Style
- ☐ On Suspension
- ☐ Off Suspension (Universal)
- Other Control Options
- ☐ Lift Axle Control Kit
- ☐ Manual Dump Kit
- ☐ Electric Dump Kit

**MOST POPULAR HEIGHT CONTROL KITS**

| Height Control Kit Part # | 6300BFAB13     | 6301BFAB13     | 6310BFAB13     | 6311BFAB13     | 6320BFAB13         | 6321BFAB13         | 6330BFAB15     | 6331BFAB13     |
|---------------------------|----------------|----------------|----------------|----------------|--------------------|--------------------|----------------|----------------|
| Type Suspension           | Universal      | Universal      | Universal      | Universal      | Universal          | Universal          | Universal      | Universal      |
| Height Control Valve      | Standard       | Standard       | Pressure Dump  | Pressure Dump  | Zero Pressure Dump | Zero Pressure Dump | Low Flow       | Low Flow       |
| Pressure Protection Valve | No PPV         | Has PPV        | No PPV         | Has PPV        | No PPV             | Has PPV            | No PPV         | Has PPV        |
| Lever or Horizontal Arm   | Adj. 5" - 7"   | Adj. 5" - 7"   | Adj. 5" - 7"   | Adj. 5" - 7"   | Adj. 5" - 7"       | Adj. 5" - 7"       | Adj. 5" - 7"   | Adj. 5" - 7"   |
| Size Vertical Length      | 14"            | 14"            | 14"            | 14"            | 14"                | 14"                | 14"            | 14"            |
| Lower Pin Assembly        | 5/16" x 2.5" L | 5/16" x 2.5" L | 5/16" x 2.5" L | 5/16" x 2.5" L | 5/16" x 2.5" L     | 5/16" x 2.5" L     | 5/16" x 2.5" L | 5/16" x 2.5" L |
| Lower Mounting Bracket    | Universal      | Universal      | Universal      | Universal      | Universal          | Universal          | Universal      | Universal      |
| Type Fitting              | Plug 3/8"      | Plug 3/8"      | Plug 3/8"      | Plug 3/8"      | Plug 3/8"          | Plug 3/8"          | Plug 1/4"      | Plug 3/8"      |

## Lift Kit

- Axle Position(s) on the trailer
- ☐ Front
- ☐ Middle
- ☐ Rear
- ☐ Other
- Mounting Style
- ☐ Hanger Mount
- ☐ Center Mount
- Lift Control
- ☐ Manual
- ☐ Automatic

**MOST POPULAR LIFT KITS**

|                        |               |               |               |
|------------------------|---------------|---------------|---------------|
| Lift Kit Part #        | 2990500       | 2990500       | 2992600       |
| Type Suspension        | Overslung     | Underslung    | Underslung    |
| Minimum Ride Height    | n/a           | 5.5"          | 5.5"          |
| Hanger Width           | Wide Hanger   | Wide Hanger   | Wide Hanger   |
| Suspension Capacity    | 25k & 30k     | 30k           | 25k & 30k     |
| Beam Centers           | Any           | Any           | Any           |
| Minimum Axle Spacing   | 48"*          | 54"           | 55"           |
| Where Mounts           | Hanger        | Hanger        | Hanger        |
| Upper Bracket Mounting | Weld-On       | Weld-On       | Weld-On       |
| Lower Bracket Mounting | Weld-On       | Weld-On       | Weld-On       |
| Where Attached         | Hanger & Beam | Hanger & Beam | Hanger & Beam |
| Pivot Height           | ≥ 8"          | ≥ 8"          | ≥ 8"          |
| Type Lift              | Standard      | Standard      | Standard      |
| Size Tires             | Any           | Standard      | Small         |

\*Minimum Axle Spacing for Overslung Suspensions listed is for Drum Brake. Add 3" for Disc Brake applications

**MOST POPULAR LIFT CONTROL KITS**

|                         |             |                 |                         |
|-------------------------|-------------|-----------------|-------------------------|
| Lift Control Kit Part # | 1200100     | 1200101         | 1200230                 |
| Operation               | Manual      | Electric        | Electric                |
| Power Type              | n/a         | Power Up        | Power Up                |
| Mounting                | Loose Valve | Loose Valve     | Control Box / Enclosure |
| Notes                   |             | Lift in Reverse |                         |

**AXLE SPECIFICATIONS**

**NOTE:** All RAR-266 Models come with an axle integrated

Axle Diameter | ☐ 5.75" Round

Axle Capacity | ☐ 23K (.59" Wall Thickness)

Spindle Type | ☐ Tapered ("N" Spindle)

☐ 25K (.75" Wall Thickness)

☐ Parallel ("P" Spindle)  
*Note: Disc Brake Axles only offered with "P" Spindle*

☐ 30K (.59" Wall Thickness)

Cambered | ☐ Yes

☐ No

Axle Beam Style | ☐ Straight-Axle  
*Note: Disc Brake Axles only offered with Straight Axle*

☐ 6.25" Drop Axle

☐ 6.25" Inverted Drop Axle

☐ 8" Drop Axle

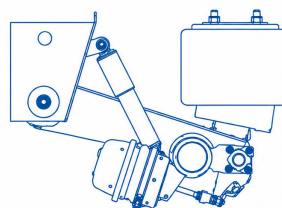
**NOTE:** 12.25" x 7.5" brakes only offered on tapered (N) spindle, straight-axes

Orientation - See Figure 2 | ☐ Standard

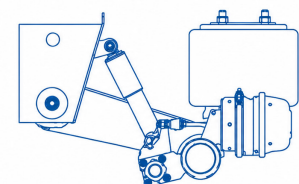
☐ Rolled

**NOTE:** For Drum Brake Only

Figure 2:



STANDARD AXLE ORIENTATION



AXLE IN ROLLED ORIENTATION

**BRAKE SPECIFICATIONS**

**NOTE:** Please fill out either the Drum or Disc Brake info below.

| DRUM BRAKE     |                                                                                                                                              |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| Brake Size     | <input type="radio"/> 16.5"x7.0"<br><input type="radio"/> 12.25" x 7.5" (See Note)<br><input type="radio"/> No Brakes                        |
| Brake Capacity | <input type="radio"/> 20K<br><input type="radio"/> 23K                                                                                       |
| Slacks         | <input type="radio"/> 6"<br><input type="radio"/> 5.5"<br><input type="radio"/> No Slacks                                                    |
| Chambers       | <input type="radio"/> Parking Brake (30/30)<br><input type="radio"/> Service Brake Only (Type 30)<br><input type="radio"/> No Brake Chambers |

OR

| DISC BRAKE     |                                                                                                                                                                                                   |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Brake Size     | <input type="radio"/> Bendix ADB22X-LT®<br><input type="radio"/> Haldex DBT22LT®<br><input type="radio"/> Wabco PAN™ 19<br><input type="radio"/> Wabco PAN™ 17<br><input type="radio"/> No Brakes |
| Brake Capacity | <input type="radio"/> 20K<br><input type="radio"/> 23K                                                                                                                                            |
| Chambers       | <input type="radio"/> Parking Brake (18/24)<br><input type="radio"/> Service Brake Only (Type 18)<br><input type="radio"/> No Brake Chambers<br><input type="radio"/> Other (Please specify)_____ |

**NOTE:**

12.25" x 7.5" brakes offered on Tapered (N) Spindle, Straight-Axles with Cast Drums or No Drums and offer 20k capacity only.

**NOTE:**

Wabco PAN 19 offered on 25k Axles and Wabco PAN 17 offered on 23k Axles

**NOTE:**

For Canadian Application it requires generic parking brake CMVSS-121 (TSD-121 S5.6.1). Engineering Dept approval required.

**NOTE:**

For Canadian Application it requires generic parking brake CMVSS-121 (TSD-121 S5.6.1). Engineering Dept approval required.

**WHEEL-END SPECIFICATIONS**

|          |                                                                                                                                |
|----------|--------------------------------------------------------------------------------------------------------------------------------|
| Hub Type | <input type="radio"/> Cast Iron<br><input type="radio"/> Aluminum<br><input type="radio"/> ADI<br><input type="radio"/> No Hub |
|----------|--------------------------------------------------------------------------------------------------------------------------------|

|             |                                                                           |
|-------------|---------------------------------------------------------------------------|
| Stud Length | <input type="radio"/> Long<br><input type="radio"/> Short (Special Order) |
|-------------|---------------------------------------------------------------------------|

|              |                                                                                                                                                              |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bolt Pattern | <input type="radio"/> 10 Stud x 11.25" Bolt Circle (For 16.5" x 7.0" Brakes)<br><input type="radio"/> 8 Stud x 10.83" Bolt Circle (For 12.25" x 7.5" Brakes) |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|

|           |                                                                                                |
|-----------|------------------------------------------------------------------------------------------------|
| Drum Type | <input type="radio"/> Cast<br><input type="radio"/> Composite<br><input type="radio"/> No Drum |
|-----------|------------------------------------------------------------------------------------------------|

|             |                                                                                                                                                                                                              |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Lubrication | <input type="radio"/> Oil, 80/90<br><input type="radio"/> Synthetic Oil (75W-90)<br><input type="radio"/> Synthetic Semi-Fluid Grease<br><input type="radio"/> Dry or No Lubrication (Comes with Oil Hubcap) |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

**NOTE:**

Hubs come standard with Side Fill and Tone Rings

**OPTIONS**

- |            |                                                                          |              |                           |
|------------|--------------------------------------------------------------------------|--------------|---------------------------|
| ABS Sensor | <input type="radio"/> Yes                                                | Dust Shields | <input type="radio"/> Yes |
|            | <input type="radio"/> No                                                 |              | <input type="radio"/> No  |
| Cam Covers | <input type="radio"/> Yes (Not available on all axles, contact Ridewell) |              |                           |
|            | <input type="radio"/> No                                                 |              |                           |
- 

**TIRE INFLATION**

- Tire Inflation Prep
- ☐ Basic 1-Hole Prep
  - ☐ Basic 3-Hole Prep
  - ☐ PSI Tire Inflation System