

# ATRO

## Parts Guide

# Trailer Parts

Bumpers  
Equalizer Bushings & Kits  
Fifth Wheel Bushings  
Pivot Bushings & Kits  
Suspension  
Torque Rods & Bushings



**ATRO Parts. Performance that drives your success.**

ATRO, LLC | 6 Bolte Lane | St. Clair, MO 63077 USA | Customer Support (800) 325-6114

[www.atrobushing.com](http://www.atrobushing.com)

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# Bumpers

## BP52-34203

### Dock Bumper

H: 3 3/4"  
WD: 3"  
LG: 6"  
BOLT: 1/2", 3" c-c



## BP89-65100

### Bumper

H: 3 1/8"  
WD: 2 15/16"  
LG: 5 7/8"  
BOLT: 1/2", 3" c-c

Hyundai: HY 10046289  
Stoughton: 04-86997-001-00



## BP89-65300

### Trailer/Dock Bumper

H: 3.725"  
WD: 5.50"  
LG: 7 1/2"  
BOLT: 3/8"

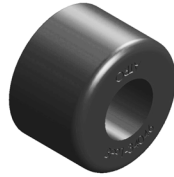


## BP91-34046

### Trailer Door Bumper

ID: 3/8"  
OD: 1 11/16"  
Counterbore ID: 3/4"  
Counterbore Depth: 9/16"

Vanguard National:  
RDB00004



## BP99-34303

### Trailer Bumper

H: 3 3/8"  
WD: 2 3/4" taper 2 3/8"  
LG: 5 9/16"  
BOLT: 1/2", 2 1/2" c-c

Great Dane: SL3000W  
James King: 3044



## BP99-34312

### Trailer/Dock Bumper

H: 3 1/4"  
WD: 2 1/2"  
LG: 6"  
BOLT: 2.63" c-c

Hyundai: 76007502  
IMX: 2044U



## BP99-34408

### Trailer Bumper

H: 2"  
WD: 2"  
LG: 12"  
BOLT: 1/2", 4-1/2" c-c(3)

Fontaine: 50407007



## BP99-34863

### Trailer Door Bumper

ID: .38"  
OD: 1.7"  
LG: 1.12"

Great Dane: 42500863

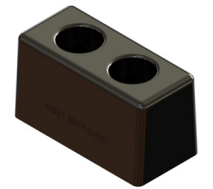


## BP99-36037

### Trailer Bumper

H: 3.3"  
WD: 3"  
LG: 6"  
BOLT: 1/2", 2 1/2" c-c

IMX: 30037

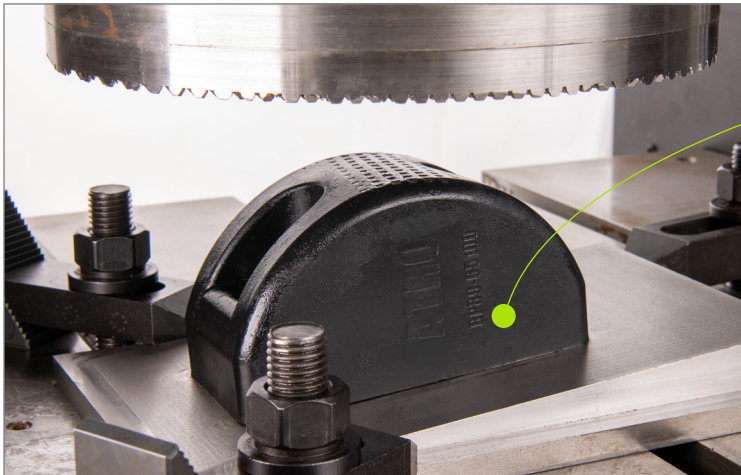


- ATRO polyurethanes are 3-5 times stronger than rubber.
- Resistant to oils, grease, road salt, and other chemicals.
- Specific compounds optimize the performance of each part.



## ATRO Bumpers: One of the simplest ways to make a big impact.

Our bumpers are first-fit for some of the industry's most recognized OEMs.



ATRO Dome-Shaped Trailer Bumper in simulated load and impact test.

### Superior Polyurethane Construction

- Protect trailers and docks from impact damage
- Tested to maintain shape and performance at 250,000 cycles. Rubber fails at 16,000 cycles.
- Lasts years instead of months—won't degrade when exposed to chemicals or weather.
- Saves 1-2 hours downtime and labor costs due to fewer replacements.

### Unique Shapes for Optimal Performance

- Domes and rectangles specifically designed for impact resistance and easier installation.

### Industry Best Warranty

- U.S./Canada 3-year warranty
- Export 1-year warranty



## Polyurethane Trailer and Dock Bumpers

### The bumpers that won't quit.

When it comes to protecting trailers and docks, ATRO bumpers do the job better and last longer. Designed with ATRO's exclusive polyurethane formulas and optimized shapes, our bumpers withstand continuous use and deliver up to 15 times the lifespan of rubber parts in the same application.

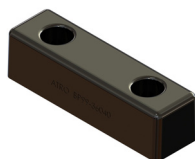


BP99-65003 Trailer Bumper  
CAD Rendering

### BP99-36040

#### Trailer Bumper

H: 1 3/4"  
WD: 1 15/16"  
LG: 7"  
BOLT: 3/8", 4 1/2" c-c



Fontaine: B552641  
James King: 3042  
Vanguard National: RDB00002

### BP99-65000

#### Trailer Door Bumper

ID: 1.25"  
OD: 1 7/8"  
H: 1 5/8"  
BOLT: 1/2"



Sterling Truck:  
FTG 022 01085  
Utility Trailer: 3-1250-25

### BP99-65003

#### Trailer Bumper

H: 3"  
WD: 3"  
LG: 5 3/4"  
BOLT: 1/2", 3 1/2" c-c

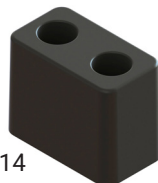


Utility Trailer: RDB-003

### BP99-65020

#### Trailer Bumper

H: 3 1/2"  
WD: 2 5/8"  
LG: 4 5/8"  
BOLT: 7/16", 2 3/8" c-c



James King: 3035  
Utility Trailer: 03-1250-0-214

### BP99-65040

#### Trailer/Dock Bumper

H: 3 3/4"  
WD: 3"  
LG: 5 3/4"  
BOLT: 1/2", 3 1/2" c-c

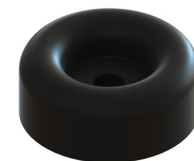


James King: 3630, 3781  
Kentucky Trailer: T-9000  
Tramec: 30027  
Utility Trailer: RDB-003  
Wabash: WAB21400098

### BP99-650B1

#### Door Bumper

ID: .45"  
OD: 2 1/2"  
H: 1"



James King: 3050  
Trelleborg: B1

### BP99-65182

#### Bumper

H: 3 1/2"  
WD: 2 1/2"  
LG: 6 1/4"  
BOLT: 1/2", 3 3/4" c-c



Benson Trailer: B52641  
Great Dane: 035-25182

### BP99-65304

#### Bumper

H: 3 1/2"  
WD: 2 3/4"  
LG: 5 5/8"  
BOLT: 1/2", 2 3/4" c-c



Great Dane: 41700301,  
41700304

### MS99-34008

#### Trailer/Dock Bumper Pad

H: 3 5/8"  
WD: 5 1/4"  
LG: 8"  
BOLT: .775", 3.25" c-c x  
5.5" c-c



Great Dane: 30036, 41700322  
Tramec: J21400008

### MS99-65035

#### Bumper Pad

H: 3"  
WD: 6"  
LG: 7 7/8"  
BOLT: 1/2", 5 1/2" x  
3 1/8"

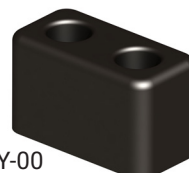


McNeilus: 602035

### MS99-65038

#### Trailer Bumper

H: 3 1/2"  
WD: 3"  
LG: 6"  
BOLT: 1/2", 3" c-c



McNeilus: 120500  
Stoughton: 04-85104-PLY-00

### MS99-65045

#### Bumper Pad (Severe Duty)

H: 3"  
WD: 6"  
LG: 7 7/8"  
BOLT: 5 1/2" x 3 1/8" c-c



McNeilus: 602035

# Equalizer Bushings & Kits

## EQ47-35900

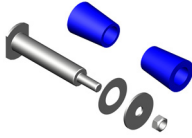
### Equalizer Bushing Kit

**LG:** 11" Bolt  
**OD:** 2" Bolt

**Contains:**  
(2) PL1085  
(1) Equalizer Bolt  
(2) Washers  
(1) Locknut

**Fruehauf:** UXA-000004-900

**Meritor:** R301024



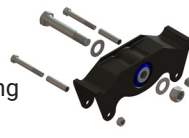
## EQ53-35001

### Cast Equalizer Beam w/Bushing

**LG:** 16 1/2"  
**BOLT:** 1 1/8", 11.5" c-c

**Contains:**  
(1) Cast Beam  
w/EQ53-35601 Bushing  
(1) 1 1/8" Bolt  
(1) 1 1/8" Locknut  
(2) Flat Washers  
(2) 5/8" Bolts  
(2) 5/8" Locknuts  
(2) Spacer Sleeves

**Hutchens:** 16290-01, 17784-01 (No Hardware)



## EQ53-35002

### Cast Equalizer Beam w/Bushing

**LG:** 16 1/2"  
**BOLT:** 1 1/8", 11.5" c-c

**Contains:**  
(1) Cast Beam  
w/EQ53-35601  
Bushing

**Hutchens:**

16290-01 (Includes Hardware), 17784-01



## EQ53-35158

### Equalizer Beam w/Bushing

**LG:** 16 1/2"  
**BOLT:** 1 1/8", 11.75" c-c

**Contains:**  
(1) Equalizer Beam  
w/EQ53-35601 Bushing  
(1) 1 1/8" Bolt  
(1) 1 1/8" Locknut  
(2) Flat Washers  
(2) 5/8" Bolts  
(2) 5/8" Locknuts  
(2) Spacer Sleeves

**Hutchens:** 16158-01



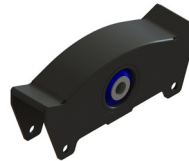
## EQ53-35158-NH

### Equalizer Beam w/Bushing

**LG:** 16 1/2"  
**BOLT:** 1 1/8", 11.75" c-c

**Contains:**  
(1) Equalizer Beam  
w/EQ53-35601  
Bushing

**Hutchens:** 16158-01



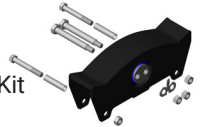
## EQ53-35250

### Equalizer Beam w/Bushing

**LG:** 16 1/4"  
**BOLT:** 3/4", 1 3/8" c-c

**Contains:**  
(1) Equalizer Beam  
(1) EQ53-35234 Bushing Kit  
(2) 5/8" Bolts  
(2) Locknuts  
(2) Spacer Sleeves  
(2) 3/4" Shoulder Bolt and Nuts W/ Lock Tab

**Hutchens:** 750-03

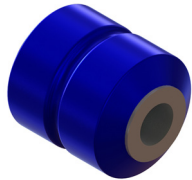


## EQ53-35601

### Equalizer Bushing

**ID:** 1 1/8"  
**OD:** 3 5/16"  
**L:** 3 7/8"

**Hutchens:** 16146-01,  
18723-01



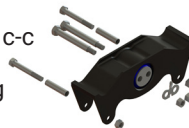
## EQ53-35701

### Cast Equalizer Beam w/Bushing

**LG:** 16"  
**BOLT:** 3/4", 1 3/8" c-c  
**Equalizer Holes:** 11 1/2" c-c

**Contains:**  
(1) Cast Beam w/Bushing  
(1) EQ53-35701  
(2) 5/8" Bolts  
(2) Locknuts  
(2) Spacer Sleeves

**Hutchens:** 19137-01, 704-01 (No Hardware)

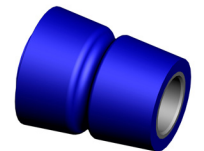


## EQ83-11000

### Equalizer Bushing

**ID:** 1 5/8"  
**OD:** 3 1/2" Large  
2 3/4" Small  
**LG:** 4 3/8"

**Reyco:** T-5524



## EQ83-35000

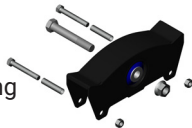
### Equalizer Beam w/Bushing

**LG:** 16 1/2"  
**BOLT:** 1", 11 3/4" c-c

**Contains:**  
(1) Equalizer Beam  
w/EQ83-35902 Bushing  
(1) 1" Bolt  
(1) Flanged Locknut  
(2) 5/8" Bolt  
(2) 5/8" Locknuts  
(2) Spacer Sleeves

**Meritor:** R304813 (No Hardware)

**Reyco:** 0650-00 (No Hardware)



## EQ83-35300

### Equalizer Beam

**LG:** 18"  
**Bushing Hole:** 3" - 2 5/8"  
Tapered

**Meritor:** R302846

**Reyco:** T5427



## EQ83-35855

### Cast Equalizer Beam w/Bushing

**LG:** 16"  
**BOLT:** 1"

**Contains:**  
(1) Cast Equalizer Beam  
(1) EQ83-35902 Bushing  
(1) 1" Bolt  
(1) Flanged Locknut  
(2) 5/8" Bolt  
(2) 5/8" Locknuts  
(2) Spacer Sleeves

**Meritor:** R3010250, R304835

**Reyco:** 0741-00, 0850-00



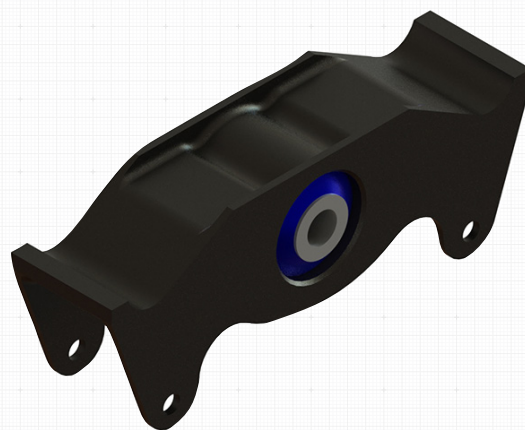


# Equalizer Bushings & Kits

## Equalizer Beams With Polyurethane Bushings

ATRO Equalizer Beams are engineered to withstand extreme loads and harsh environments.

By evenly distributing loads across multiple axles, ATRO equalizer beams reduce shock by up to 50%, minimizing wear and tear on suspensions while ensuring maximum tire contact for stability and safety.

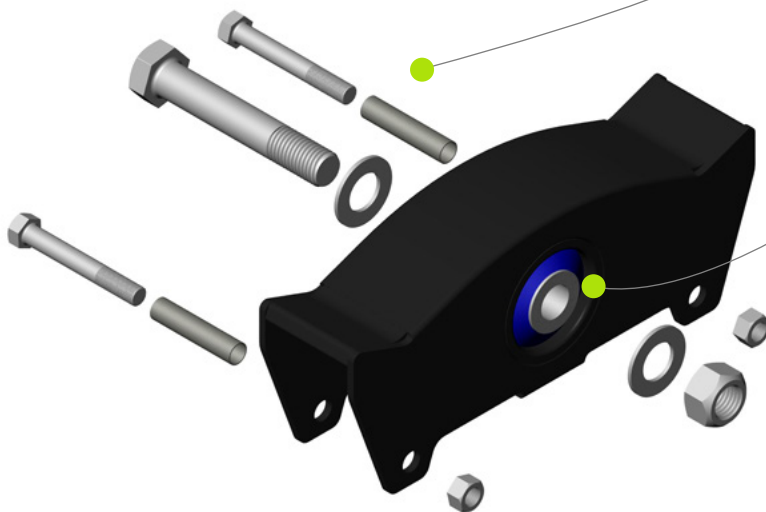


EQ53-35002 Cast Equalizer Beam with Bushing  
CAD Rendering

## The most durable and reliable equalizer beams for heavy trailer suspensions.

Simplified maintenance with complete kits.

- **One click. One pick.™**
- *Everything you need in one box.*
- *New fasteners ensure proper torque.*



EQ53-35158 Equalizer Beam with Bushing (Kit)  
CAD Rendering

### Two Designs Available

#### Standard Duty: Stamped Steel

- *Lightweight, cost-effective design*
- *Ideal for OE replacements*

#### Heavy Duty: Cast Iron

- *One solid piece for extreme strength*
- *For severe environments like tankers, construction, and oil field operations.*

### Polyurethane Bushings

- *3-5 times stronger than rubber.*
- *Won't degrade when exposed to chemicals or weather.*

### Industry Best Warranty

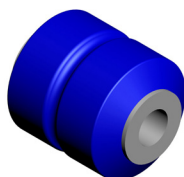
- *Most kits include our 3-year warranty.*
- *You can trust ATRO Parts to perform better and last longer.*

### EQ83-35902

#### Equalizer Bushing

ID: 1"  
OD: 3 5/16"  
LG: 4"

Great Dane: 0649-02  
Reyco: 0649-02

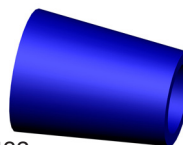


### PL1085

#### Equalizer Bushing

ID: 2"  
OD: 3 1/2" Large  
2 11/16" Small  
LG: 4 3/8"

Fruehauf: UXA-000004  
Meritor: R301020, R307432

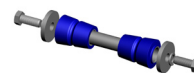


### SK83-31000

#### Equalizer Bushing Kit

ID: 1 5/8"  
OD: 3.5" tapers to 2.75"  
**Contains:**  
(2) EQ83-11000  
(1) Equalizer Shaft  
(2) Equalizer Washers  
(2) Lock Washers  
(2) Bolts

Reyco: T-5524, TK18998



# Fifth Wheel Bushings

## ATRO Fifth Wheel Parts: Critical connections, unmatched durability.

Simplified maintenance with complete kits.

- **One click. One pick.™**
- Everything you need in one box.
- New fasteners ensure a professional installation.

Enhanced Safety and Performance

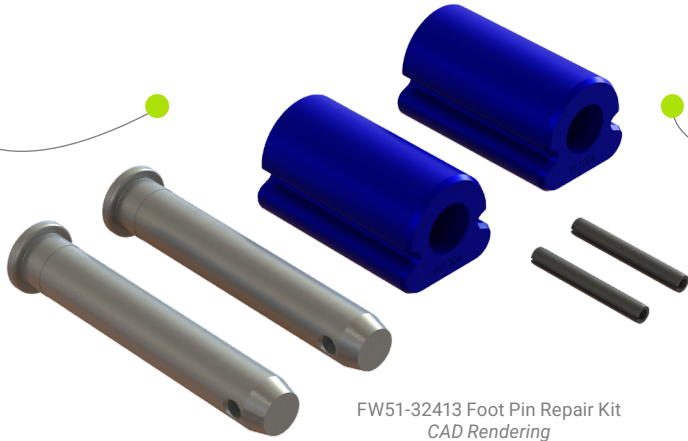
- Reliable solutions for critical systems
- ATRO polyurethanes and component design ensure a secure connection between tractor and trailer, improving stability and maneuverability under heavy loads.

Longer Service Life

- Superior resistance to harsh environments
- ATRO polyurethane bushings resist the deterioration caused by grease and chemical exposure, reducing maintenance frequency and preventing costly downtime.

Industry Best Warranty

- Most kits include our 3-year warranty.
- You can trust ATRO Parts to perform better and last longer.



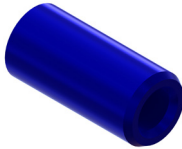
FW51-32413 Foot Pin Repair Kit  
CAD Rendering

### FW51-32011

#### Fifth Wheel Bushing

ID: 1 1/8"  
OD: 2"  
LG: 4 1/4"

Holland: RK-12311-1,  
XB0011

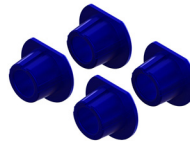


### FW51-32111

#### Fifth Wheel Bushing Kit - HOLLAND FW17 Gen II

ID: 1.563"  
H: 2.08"

Holland: RK-12311-1



### FW51-32413

#### Foot Pin Repair Kit

LG: 7" Pin  
DIA: 1 1/8" Pin  
Roll Pin: 3/8" x 2 3/4"  
**Contains:**  
(2) PL1006  
(2) Pivot Pins  
(2) Roll Pins

Holland: RK004413

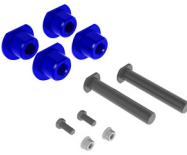


### FW51-32606

#### Fifth Wheel Rebuild Kit

**Contains:**  
(4) FW99-32605 Bushing  
(2) Foot Pins 6.85"x 1 1/8"  
(2) Bolts  
(2) Flanged Locknuts

Holland: RK-10605



### FW51-32731

#### Fifth Wheel Rebuild Kit

**Contains:**  
(2) PL1006 Bushings  
(2) Foot Pins  
(2) Bolts  
(2) Flanged Locknuts

Holland: RK-06973-1

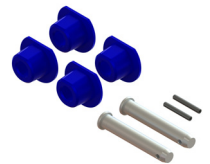


### FW51-32736

#### Fifth Wheel Rebuild Kit

**Contains:**  
(4) FW99-32605  
(2) Bracket Pins  
(2) Spring Pins

Holland: RK-11736

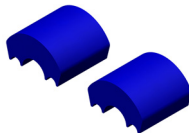


### FW99-32109

#### Fifth Wheel Bushing (set of 2)

H: 1.7"  
WD: 3.03"  
LG: 2 3/4"

Fontaine: BSH-109-L,  
BSH-LWS-L

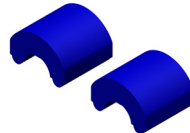


### FW99-32172

#### Fifth Wheel Bushing (set of 2)

WD: 2.65"  
LG: 2 3/8"

Fontaine: BSH-172-U

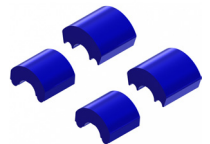


### FW99-32175

#### Fifth Wheel Bushing Kit

**Contains:**  
(2) FW99-32109  
Lower Bushings  
(2) FW99-32172  
Upper Bushings

Fontaine: BSH-109-L,  
BSH-172-U, BSH-LWS-L





# Fifth Wheel Bushings and Kits

ATRO Fifth Wheel bushings and kits are purpose-built to withstand the grease, grime, weather, chemicals, and extreme forces that this critical system endures daily.

Unlike rubber that wears out quickly, ATRO's advanced polyurethane technology delivers exceptional durability and reliability.

## Fifth Wheel Bushings



FW51-32736 Fifth Wheel Rebuild Kit  
CAD Rendering

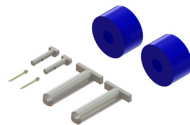
### FW99-32191

#### Foot Pin Repair Kit

##### Contains:

- (2) PL1002
- (2) T-Pins
- (2) Cotter Keys
- (2) Locking Tabs

Fontaine: KITPIN191



### FW99-32300

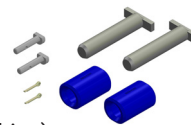
#### Fifth Wheel Bushing Kit

##### Contains:

- (2) FW99-32301
- (2) T-Pins
- (2) Pins
- (2) Cotter Pins

Fontaine: BSH-3000 (Bushing),  
KIT-PIN-3000

*Note: Includes corrosion resistant hardware*



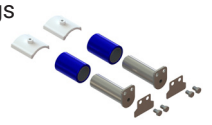
### FW99-32401

#### Fifth Wheel Bushing Kit

##### Contains:

- (2) FW99-32594 Bushings
- (2) Bracket Pins
- (2) Collars
- (2) Tab Washers
- (4) Bolts

**Jost International:** JSK3105-95 (collar),  
JSK70202-15 (bolts), JSK73104-47 (tab washer),  
JSK790111-03 (bracket pin), SK2905-94 (bushing),  
SK2905-95 (bushing), SK75014-01

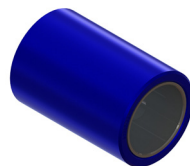


### FW99-32594

#### Fifth Wheel Bushing

ID: 2"  
OD: 2 3/4"  
LG: 4"

**Jost International:**  
SK2905-94, SK2905-95

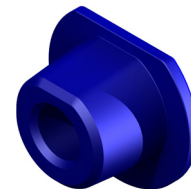


### FW99-32605

#### Fifth Wheel Bushing

ID: 1 3/16"  
OD: 3 7/8" Large  
2 9/16" at base,  
2 1/4" at top of  
taper  
LG: 2 1/16"

**Holland:** XB-10605,  
XB10605



### FW99-32LLB

#### Foot Pin Repair Kit

##### Contains:

- (1) FW99-32109
- (1) FW99-32172
- (2) Bracket Liners
- (2) T-Bolts
- (2) Key Lock Bolts
- (2) Key Locks

Fontaine: KITPINLLB

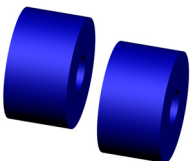


### PL1002

#### Fifth Wheel Bushing (set of 2)

ID: 1 1/4"  
OD: 3 15/16"  
WD: 2 1/4"

Fontaine: BSH-150  
Meritor: R307445

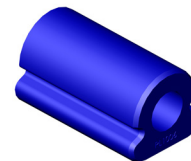


### PL1006

#### Fifth Wheel Bushing

ID: 1 1/8"  
OD: 2 1/4"  
LG: 4 1/4"

**Holland:** XB-0011-1,  
XB-0011-2

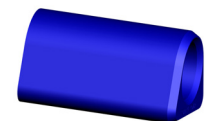


### PL1032

#### Fifth Wheel Bushing

ID: 1 1/2"  
OD: 2 5/8"  
LG: 4 5/16"

**Holland:** XB-0012-3

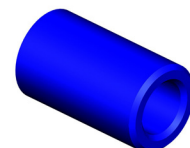


### PL1036

#### Fifth Wheel Bushing

ID: 1 1/2"  
OD: 2 1/2"  
LG: 4 1/4"

**Holland:** XA-1604-9

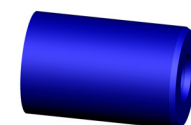


### PL1037

#### Fifth Wheel Bushing

ID: 1 1/8"  
OD: 2 3/4"  
LG: 4 1/4"

**Holland:** XB-1604-5  
Meritor: R307451

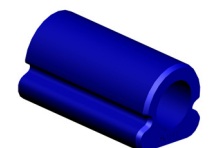


### PL1060

#### Fifth Wheel Bushing

ID: 1 7/16"  
H: 2.3"  
WD: 2.5"  
LG: 4 1/4"

**Holland:** XB-0012-2



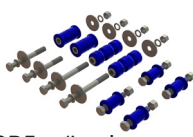
# Pivot Bushings & Kits

## KT93-25K14

### Rebuild/Maintenance Kit

#### Contains:

- (2) PB93-26931 Bushing
- (2) AS93-27932 Bushing
- (4) PL1118 Bushing
- (8) Flat Washer, 3 1/4"
- (8) Flat Washer, 1 1/2"
- (4) Bolt, 7/8-14UNFx5.5, GR5 w/Locknut
- (2) Bolt, 7/8-14UNFx9.5, GR8 w/Locknut
- (2) Bolt 7/8-14UNFx7.5, GR8 w/Locknut



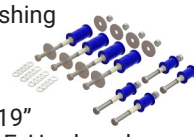
**Watson Chalin:** SRK14

## KT93-25K16

### Rebuild/Maintenance Kit

#### Contains:

- (4) PB93-26931 Pivot Bushing
- (4) PL1118 Torque Rod Bushings
- (8) Liners
- (8) Washer, .78"X3.25"X.19"
- (20) Washer, Flat 3/4" SAE, Hardened
- (4) Bolt, 3/4-16UNF x 7", GR 8
- (4) Bolt, 3/4-16UNF x 5", GR 8
- (8) Locknut, 3/4-16UNF



**Watson Chalin:** SRK16

## PB00-26422

### Pivot Bushing Kit

#### Contains:

- (2) PB00-36314
- (1) Inner Sleeve
- (1) Bolt 3/4" x 5
- (1) Locknut
- (2) Washers



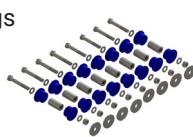
**Hendrickson:** R005422

## PB00-26839

### Lift Axle Bushing Kit

#### Contains:

- (16) PB00-36314 Bushings
- (8) Inner Sleeves
- (4) Bolts 3/4" x 5"
- (4) Bolts 3/4" x 5-1/2"
- (8) Locknuts
- (16) Washers
- (8) Shim Washers



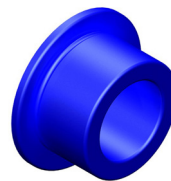
**Hendrickson:** R008839

**Watson Chalin:** SRK1190-1

## PB00-36314

### Flange Bushing

- ID:** 1 1/2"
- OD:** 3" Large  
2 1/4" Small
- LG:** 1 1/4" Barrel
- TK:** 3/16" Flange



**Hendrickson:** 4931

**Meritor:** 1225-R-1370,  
A-1225-L-1416

**Watson Chalin:** 19204, 19682

## PB00-36396

### Bulk Pack - (96) PB00-36314

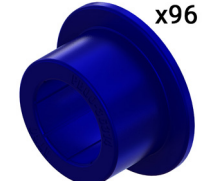
#### Contains:

- (96) PB00-36314

**Hendrickson:** 4931

**Meritor:** 1225-R-1370,  
A-1225-L-1416

**Watson Chalin:** 19204,  
19682

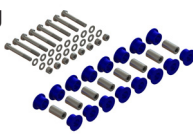


## PB50-26391

### Lift Axle Bushing Kit

#### Contains:

- (16) PB00-36314 Bushing
- (8) Inner Sleeves
- (4) Bolts 5"
- (4) Bolts 5.5"
- (8) Locknuts
- (16) Washers



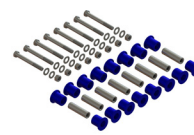
**Hendrickson:** R008839-1

## PB50-26392

### Lift Axle Bushing Kit

#### Contains:

- (16) PB50-26118
- (8) Bolts 7.5"
- (16) Washers
- (8) Nuts
- (8) Sleeves



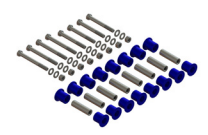
**Hendrickson:** R008839-2

## PB50-26393

### Lift Axle Bushing Kit

#### Contains:

- (16) PB50-26118
- (4) Bolts 7.5"
- (4) Bolts 8.5"
- (16) Washers
- (8) Nuts
- (8) Sleeves



**Hendrickson:** R008839-3

## PB50-36000

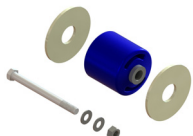
### Pivot Bushing w/Hex Bolt

- ID:** 1 1/4"
- OD:** 5 7/8"
- LG:** 6 3/4" Sleeve

#### Contains:

- (1) Pivot Bushing
- (2) Wear Washers
- (2) Flat Washers
- (1) Bolt 7/8-9"X10" GR8
- (1) Nut

**Install Tool:** PT50-59307



**Hendrickson:** S-24691

**Watson Chalin:** 17993112

## PB50-36001

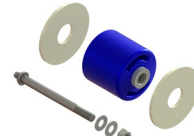
### Pivot Bushing w/Shear Bolt

- ID:** 1 1/4"
- OD:** 5 7/8"
- LG:** 6 3/4" Sleeve

#### Contains:

- (1) Pivot Bushing
- (2) Wear Washers
- (2) Washers, hardened
- (1) 7/8"-9x10" GR8 Shear Bolt
- (1) Locknut, GRC

**Install Tool:** PT50-59307



**Hendrickson:** S-24691

**Meritor:** R3010729A

**Watson Chalin:** 17993112

## PB50-36100

### Pivot Bushing Kit

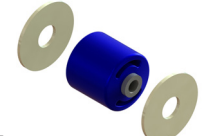
- ID:** 1 1/4"
- OD:** 5 7/8"
- LG:** 6 3/4" Sleeve

#### Contains:

- (1) Pivot Bushing
- (2) Wear Washers

**Install Tool:** PT50-59307

**Hendrickson:** S-24691

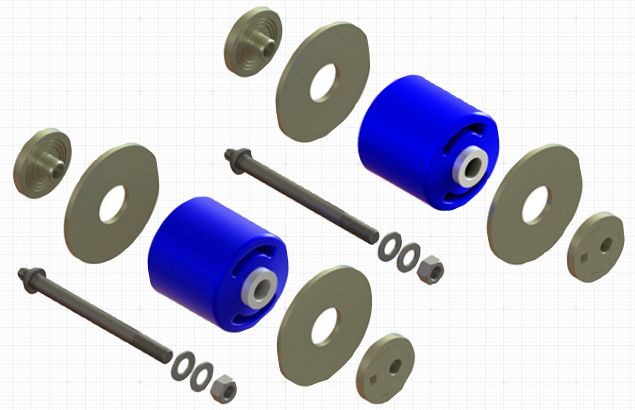




# Direct Replacement Pivot Bushing Kits

ATRO Parts for Hendrickson INTRAAX® and VANTRAAX® suspensions are precision-engineered to outperform original equipment and rubber aftermarket replacements. With advanced polyurethane technology, ATRO bushings provide superior durability, easier installation, and longer service life, all while maintaining critical alignment.

## Pivot Bushings & Kits



PB50-36654 Pivot Bushing Kit  
CAD Rendering

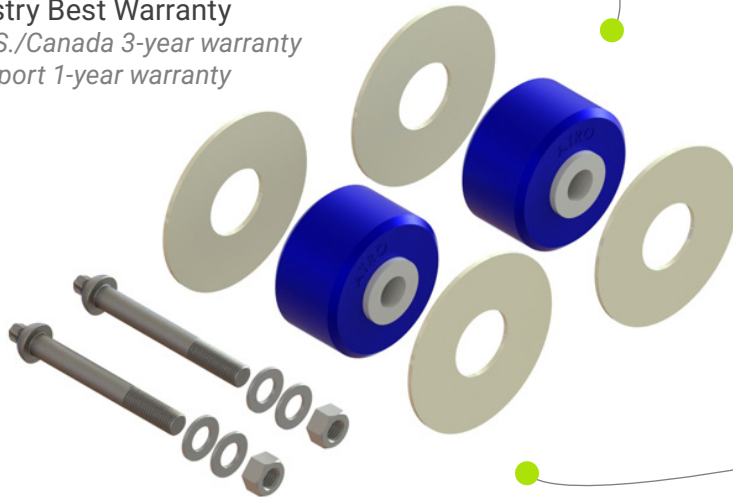
## Upgrade with ATRO: Better than OE, tougher than the road ahead.

### Polyurethane Bushings

- Resist fatigue, chemicals, and weather

### Industry Best Warranty

- U.S./Canada 3-year warranty
- Export 1-year warranty



PB50-36322 Pivot Bushing Kit, Narrow, Solid (Shear Bolt)  
CAD Rendering

### Available for Wide and Narrow Applications

- ATRO brings together performance, durability, and reliability in a custom polyurethane formula that makes our bushing last longer.
- Available with shear bolts or hex bolts
- Requires installation tool (ATRO see chart, or OE)
- Also available as Easy-Install (EI) Kits featuring a rotating pin and solid-style bushing.

### Improved Performance with Precision Design

- The key articulation point is the tri-functional bushing (the pivot bushing).
- ATRO Pivot Bushings improve axle stability and trailer alignment while handling vertical, horizontal, and roll forces.
- Sold as kits with new hardware

Scan the QR Code for full  
Product Spotlight and Product Chart



### PB50-36321

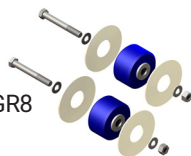
#### Pivot Bushing Kit, Narrow, (Regular Bolt)

##### Contains:

- (2) PB50-36364 Pivot Bushings
- (4) Wear Washers
- (2) 7/8"-9 x 7" Cap Screw GR8
- (2) Locknuts
- (4) Flat Washers

**Install Tool:** PT50-59736

**Hendrickson:** S-23320



### PB50-36322

#### Pivot Bushing Kit, Narrow, (Shear Bolt)

##### Contains:

- (2) PB50-36364 Pivot Bushings
- (4) Wear Washers
- (2) HW50-26705

**Install Tool:** PT50-59736

**Hendrickson:** S-26321



### PB50-36323

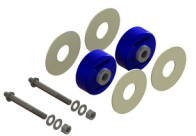
#### Pivot Bushing Kit, Multi-Function, Shear Bolt

##### Contains:

- (2) Pivot Bushing
- (4) Shim Washer
- (2) Shear bolt, washers and Nut

**Install Tool:** PT50-59736

**Hendrickson:** S23320, S26321



# Pivot Bushings & Kits

## PB50-36324

### Pivot Bushing Kit, Multi-Function, Hex Bolt

#### Contains:

- (2) Pivot Bushing
- (4) Shim Washer
- (2) Hex bolt, washers and Nut

**Install Tool:** PT50-59736

**Hendrickson:** S-23320, S-26321



## PB50-36654

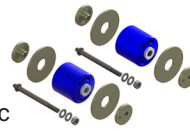
### Pivot Bushing Kit

#### Contains:

- (2) PB50-36001 Pivot Bushing w/Shear Bolt
- (2) MS50-26924 Concentric Collar
- (2) MS50-26925 Eccentric Collar
- (4) Wear Shim

**Install Tool:** PT50-59307

**Hendrickson:** S28654, S-28654, S-24691



## PB50-36914

### Pivot Bushing Kit

**ID:** 1 1/4"

**OD:** 5 7/8"

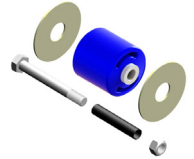
**LG:** 6 3/4" Sleeve

#### Contains:

- (1) Pivot Bushing
- (2) Wear Washers
- (1) Bolt Sleeve
- (1) Bolt
- (1) Locknut

**Install Tool:** PT50-59307

**Hendrickson:** S6914, A-6914



## PB57-21139

### Pivot Bushing

**ID:** 1 1/8"

**OD:** 3 1/2"

**LG:** 5 1/4"

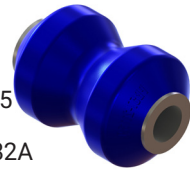
**Fruehauf:** MNW900081395

**Holland:** 90008139

**Meritor:** R304382A, E4382A

**Neway:** 900 08 139

**Watson Chalin:** 10050



## PB57-21149

### Pivot Bushing

**ID:** 1 1/8"

**OD:** 2 13/16"

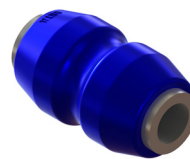
**LG:** 5" Sleeve

**Holland:** 90008149

**Meritor:** E4410A

**Neway:** 900 08 149

**Watson Chalin:** 11223



## PB57-25394

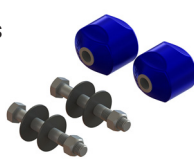
### Pivot Bushing Kit (Large)

#### Contains:

- (2) PB57-26247 Bushings
- (2) Bolts 1 1/8"-7 x 8"
- (2) Locknuts 1 1/8"-7
- (4) Washers

**Holland:** 48100394, 024-49866

**Neway:** SRK530, SRK829



- ATRO polyurethanes are 3-5 times stronger than rubber.
- Resistant to oils, grease, road salt, and other chemicals.
- Specific compounds optimize the performance of each part.



## PB57-36200

### Pivot Bushing Kit (set of 2)

#### Contains:

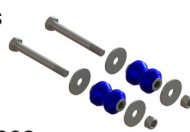
- (2) PB57-21139 Bushings
- (2) Bolts 9 1/2"
- (2) Locknuts
- (4) Wear Washers

**Holland:** SRK145, 48100202

**Meritor:** R304398A

**Neway:** SRK01, SRK-145, 48100202

**Watson Chalin:** SRK01



## PB57-36300

### Axle Connection Kit

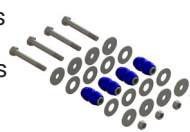
#### Contains:

- (4) PB57-21149 Bushings
- (8) Wear Washers
- (8) Service Wear Washers
- (4) Bolts
- (4) Locknuts

**Holland:** SRK-149, 48100206

**Meritor:** R304411A

**Neway:** SRK02, SRK-149, 48100206



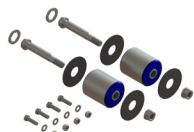
## PB85-36029

### Mono-Pivot Bushing Kit

#### Contains:

- (2) PB85-360B0 Pivot Bushings
- (2) Eccentric Bolts
- (2) Anti-turn Washers
- (2) Securelok® Nuts
- (4) Bearing Washers
- (4) Clamp Bolt, 3/4"-10 x 2 1/2"
- (4) Flat Washers
- (4) Locknuts

**Ridewell:** 6040028, 6040029



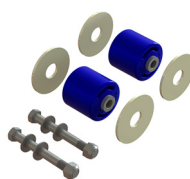
## PB93-36K64

### Pivot Bushing Kit

#### Contains:

- (2) Bushings
- (4) Wear Washers
- (4) Flat Washers
- (2) Bolts
- (2) Locknut

**Watson Chalin:** SRK64



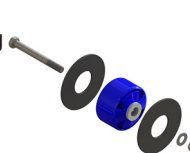
## PB99-36201

### Pivot Bushing Kit, Narrow

#### Contains:

- (1) PB99-36522 Bushing
- (2) Polymer Shims
- (1) Bolt-7/8-9UNC x 8.0, GR 8, Zinc
- (1) Flat Washer
- (1) Locknut

**Meritor:** A1225N1522, KIT11201, KIT11350



## SU99-39113

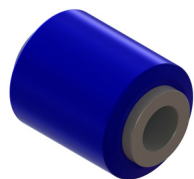
### Pivot Bushing

**ID:** .89"

**OD:** 2.27"

**LG:** 3"

**Meritor:** A1225-G-1437, A1225-L-1416





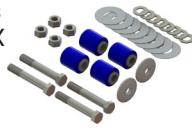
# Pivot Bushings & Kits

## SU99-39114

### Upper Control Arm Bushing & Bolt Kit

#### Contains:

- (4) SU99-39113 Bushings
- (4) Pivot Bolt, 7/8-9UNC X 6.0, Hex Head, Gr8
- (8) Hard Washers
- (4) Lock Nuts
- (8) Thrust Washers
- (2) Pivot Bolt Washers



**Meritor:** FRK0510030, KIT11300

## SU99-39115

### Control Arm Bushing Kit

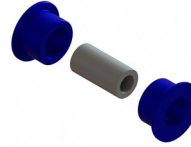
**ID:** 1 1/2"

**OD:** 3" Large  
2 1/4" Small

#### Contains:

- (2) PB00-36314 Flange Bushings
- (1) Inner Sleeve

**Meritor:** KIT11126

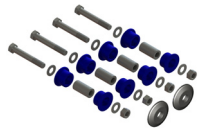


## SU99-39116

### Control Arm Bushing Kit

#### Contains:

- (8) PB00-36314 Flange Bushings
- (4) Inner Sleeves
- (4) Bolts 7/8" x 6"
- (4) Locknuts
- (8) Flat Washers
- (2) Pivot Bolt Washers



**Meritor:** A-1225-L-1416, 1225-R-1370, KIT11126

# Suspension Components

## HU10000

### Trunnion Bushing

**ID:** 4"  
**OD:** 5"  
**LG:** 9 1/8"

**Hutchens:** T5711, 890-00, 11357-00

**Meritor:** R305217, R305216, R307455

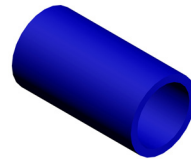


## HU10065

### Trunnion Bushing (Severe Duty)

**ID:** 4"  
**OD:** 5"  
**LG:** 9 1/8"

**Hutchens:** T5711, 890-00, 11357-00



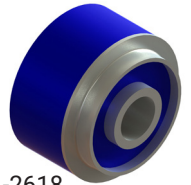
## MS99-39159

### Vibration Mount

**ID:** 5/8"  
**OD:** 2 1/4" Large  
1 13/16" Small  
**H:** 1.4" Large  
1" Small

**Carrier:** 20-91-4159

**Thermo King:** 91-4159, 91-2618



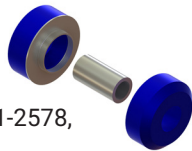
## MS99-39709

### Vibration Mount

**ID:** 5/8"  
**OD:** 2 1/2"

**Carrier:** 20-91-7709

**Thermo King:** 91-7709, 91-2578, 91-1404



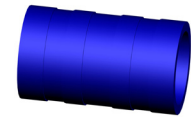
## PL1004

### Trunnion Bushing

**ID:** 3 15/16"  
**OD:** 4 15/16"  
**LG:** 8 1/2"

**Fruehauf:** UXA-0160, UXA-000160SP1, UXA-000160

**Meritor:** R308663, R303579



## PL1005

### Spring Pad

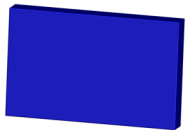
**LG:** 7 9/16"  
**WD:** 4 5/8"  
**TK:** 1"

**Fruehauf:** UCD-5635-001, UCD-005635001

**Meritor:** E3582, R303582

**Rockwell:** 303582

**Watson Chalin:** SP-0039



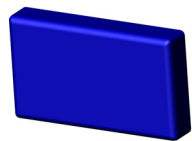
## PL1007

### Spring Pad

**LG:** 5"  
**WD:** 2 7/8"  
**TK:** 13/16"

**Hutchens:** 814-00

**Meritor:** R305227, R308665



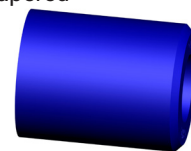
## PL1019

### Hinge Bushing

**ID:** 1 9/16" to 1 7/8" tapered  
**OD:** 3 1/2"  
**LG:** 4 1/2"

**Meritor:** R307515

**Premier:** 10000952, 344, 344A



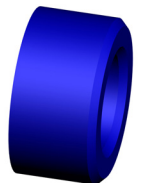
## PL1020

### Hinge Bushing

**ID:** 2"  
**OD:** 3 7/16"  
**H:** 1.8"

**Meritor:** R307516

**Premier:** 10001004, 448, 448A



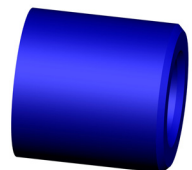
## PL1021

### Drawbar Eye Bushing

**ID:** 2"  
**OD:** 3 1/2"  
**LG:** 3 5/8"

**Meritor:** R307517

**Premier:** 10000856, 348, 348A



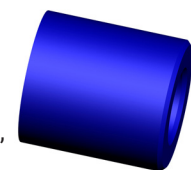
## PL1022

### Eye Bushing

**ID:** 2 1/2"  
**OD:** 4 3/4"  
**LG:** 5 3/16"

**Meritor:** R307524

**Silver Eagle:** 1157, 12171, R-205, SV10004



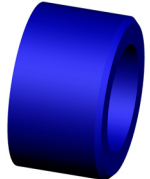
## PL1023

### Hinge Bushing

**ID:** 2 1/2"  
**OD:** 3 3/4"  
**H:** 2 3/16"

**Meritor:** R307525

**Silver Eagle:** 12169, 1595, R-213, SV10005



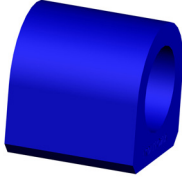
# Suspension

## PL1024

### Hinge Bushing

ID: 1 7/8"  
H: 3"  
WD: 2 7/8"  
LG: 2 7/8"

Meritor: R307527  
Utility Trailer: 3-1306

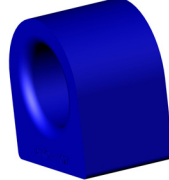


## PL1027

### Hinge Bushing

ID: 1 3/4"  
H: 2.7"  
WD: 2 15/16"  
LG: 2 1/8"

Meritor: R308656  
Western Unit: 102308

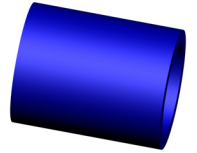


## PL1030

### Trunnion Bushing

ID: 3 7/16"  
OD: 4 9/16"  
LG: 5 3/4"

Hutchens: 11442-00  
Meritor: R302935,  
R307443  
Neway: 900 08 011, 90008011

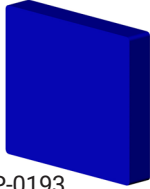


## PL1041

### Spring/Axle Pad

WD: 4 5/8"  
LG: 5 1/4"  
TK: 7/8"

Meritor: R301330, R308670  
Neway: 910 28 089,  
91028089  
Watson Chalin: SP-0040, SP-0193

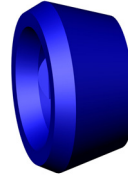


## PL1061

### Suspension Bushing

ID: 3"  
OD: 5 5/8" Large  
4 3/8" Small  
H: 2.80"

Hyster: 400329  
Meritor: R307457

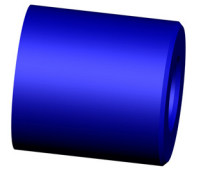


## PL1079

### Drawbar Eye Bushing

ID: 2"  
OD: 4 1/4"  
LG: 4 1/2"

Meritor: R307518  
Premier: 10000867, 437,  
437A

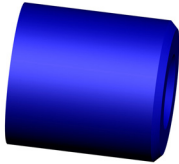


## PL1080

### Drawbar Eye Bushing

ID: 2 1/16"  
OD: 4 3/4"  
LG: 5 3/16"

Meritor: R307645  
Premier: 10000938,  
P205, P205A

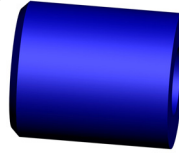


## PL1081

### Hinge Bushing

ID: 2 1/2" taper to 2.15"  
OD: 4 1/4"  
LG: 5"

Meritor: R307519  
Premier: 10000981, 434,  
434B

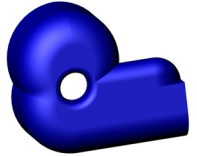


## PL1082

### Spring End Boot (Left)

ID: 1"

Meritor: R307526  
Silver Eagle: G-34

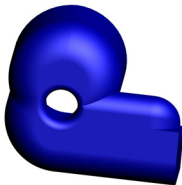


## PL1083

### Spring End Boot (Right)

ID: 1"

Meritor: R307526  
Silver Eagle: G-35

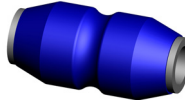


## PL1154

### Center Bushing

ID: 1 1/8"  
OD: 2 3/8"  
LG: 5"

Meritor: R304255,  
R307485  
Neway: 900 08 131, 90008131  
Watson Chalin: 10051

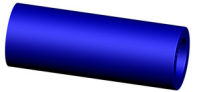


## PL1187

### Trailing Arm Bushing

ID: 1 1/4"  
OD: 2"  
LG: 5 1/2"

Van Raden: 3049271

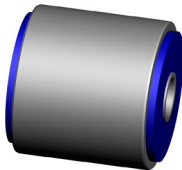


## PL1188

### Drop Axle Bushing

ID: 1"  
OD: 4 1/8"  
LG: 4"

Van Raden: 3049270

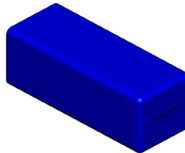


## SC99-34101

### Spring Pad

H: 1 3/8"  
WD: 1 3/8"  
LG: 3 1/2"

Utility Trailer: 3-5851-01

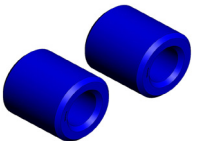


## SC99-36437

### Hinge Bushing (set of 2)

ID: 2 1/4"  
OD: 4 1/4"  
LG: 4 1/2"

Premier: 10000868,  
437AK





# Trailer Torque Rods and Bushing Kits

When it comes to keeping trailers on the road and fleets operating at peak performance, ATRO trailer suspension parts are the clear choice. Our premium polyurethane torque rods and bushing kits outlast and outperform traditional rubber components, ensuring trailers remain durable, reliable, and cost-effective.

# Trailer Torque Rods



TR53-45305 — Torque Rod, Adjustable 19 1/4"

- ATRO polyurethanes are 3-5 times stronger than rubber.
- Resistant to oils, grease, road salt, and other chemicals.
- Specific compounds optimize the performance of each part.



## Don't settle for rubber. Choose ATRO polyurethane parts.

Our superior polyurethane engineering delivers:

- Continuous operation in the most challenging conditions
- The industry's best parts that outperform and outlast comparable rubber parts.
- Fewer suspension system failures caused by exposure to chemicals and harsh weather.

Durable, reliable parts that reduce operating costs.

- ATRO kits save time and cost with everything in one box.
- Our longer-lasting parts mean fewer repairs.

Backed by the industry's best warranty.

- U.S./Canada 3-year warranty
- Export 1-year warranty

### TR47-41028

Torque Rod 35 1/2" c-c

LG: 35 1/2" c-c

Bushings:  
TH47-33026/TH47-33026

Fruehauf: FCF-008248006



### TR53-41500

Torque Rod, Fixed Length 19 1/4" c-c

LG: 19 1/4" c-c

BOLT: 1"

Hutchens: 715-00  
Meritor: R302899  
Watson Chalin: 12954



### TR53-45305

Torque Rod, Adjustable 19 1/4" c-c

LG: 19 1/4" c-c  
(Adjustable  
18 1/2"-21" c-c)

BOLT: 1"

Hutchens: 1616704, 1616705  
16398 04, 16398-04, 713-05  
TR-16398-04  
Meritor: R303277  
Watson Chalin: 17015

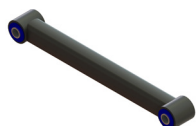


### TR83-41520

Torque Rod, Fixed Length 19 7/8" c-c

LG: 19 7/8" c-c

Reyco: 0075-20

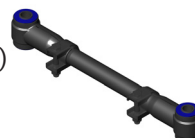


### TR83-45520

Torque Rod, Adjustable 19 7/8" c-c

LG: 19 7/8" c-c  
(Adjustable  
18 1/4"-21 1/2" c-c)

Holland: SP0123  
Reyco: 1035-20



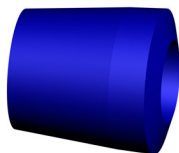
# Torque Rod Bushings

## PL1084

### Torque Rod Bushing

**ID:** 1 1/4"  
**OD:** 2 1/4" Large  
 1 13/16" Small  
**LG:** 2 5/16"

**Fruehauf:** UXA-000011  
**Hutchens:** 7620-00  
**Meritor:** R307433, R30927

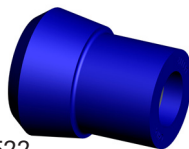


## PL1115

### Torque Rod Bushing

**ID:** 1 1/16"  
**OD:** 2 5/16" Large  
 1 13/16" Small  
**LG:** 2.8"  
**BOLT:** 1"

**Meritor:** R301982, R307522  
**Reyco:** T-2242

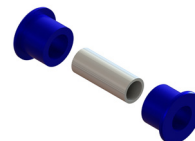


## PL1118

### Torque Rod Bushing

**ID:** 7/8"  
**OD:** 2 5/16" Large  
 1 3/4" Small  
**LG:** 3" Sleeve

**Binkley:** 09729-01  
**Hendrickson:** A1712  
**Meritor:** R301980, R307520  
**Reyco:** 09729-01

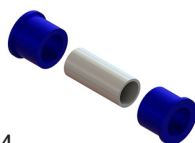


## PL1119

### Torque Rod Bushing

**ID:** 1"  
**OD:** 2" Large  
 1 3/4" Small  
**LG:** 3" Sleeve

**Hutchens:** 722-00  
**Meritor:** R307453, R30934  
**Trailmobile:** 3-12-35  
**Watson Chalin:** 17012, 19882

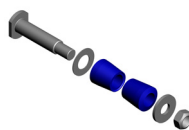


## TH47-37900

### Torque Rod Bushing Kit

**BOLT:** 1.24"  
**Contains:**  
 (2) PL1084  
 (1) Bolt  
 (2) Washers  
 (1) Locknut

**Fruehauf:** UXA-000011900

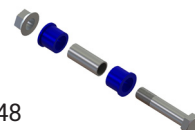


## TH53-37149

### Torque Rod Bushing Kit

**Contains:**  
 (1) PL1119 Bushing  
 (1) Bolt- 1"-14X5"  
 (1) Nut

**Hutchens:** 722-00, NL1448  
**Trailmobile:** 700-7-149

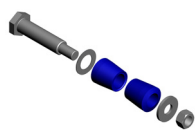


## TH53-37637

### Torque Rod Bushing Kit

**LG:** 6 1/16" Shaft  
**BOLT:** 1 1/4"  
**Contains:**  
 (2) PL1084  
 (1) Bolt  
 (2) Washers  
 (1) Nut

**Great Dane:** GDH7620-00  
**Hutchens:** 7620-00  
**Trailmobile:** 3-69-2, 7637-00

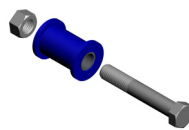


## TH83-22302

### Torque Rod Bushing Kit

**Contains:**  
 (1) PL1118  
 (1) Bolt 7/8"-  
 9x5.5 UNC-2A GR5  
 (1) Nut

**Hendrickson:** A1712  
**Reyco:** TK7302

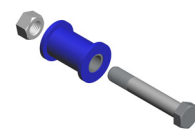


## TH83-37022

### Torque Rod Bushing Kit

**Contains:**  
 (1) PL1118  
 (1) Bolt 7/8"-  
 14 x 5.5 UNF-2A  
 (1) Nut

**Reyco:** 0022-01

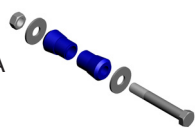


## TH83-37997

### Torque Rod Bushing Kit

**Contains:**  
 (2) PL1116  
 (2) Washers  
 (1) Bolt 1"-14 x 7 UNS-2A  
 (1) Nut

**Reyco:** TK18997

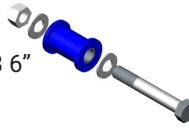


## TH99-37102

### Torque Rod Bushing Kit

**Contains:**  
 (1) PL1118  
 (2) Washers  
 (1) Bolt - 7/8"-14 GRADE 8 6"  
 (1) Nut

**Meritor:** KIT11102

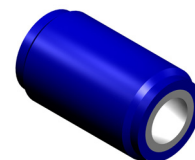


## UB30000

### Torque Rod Bushing

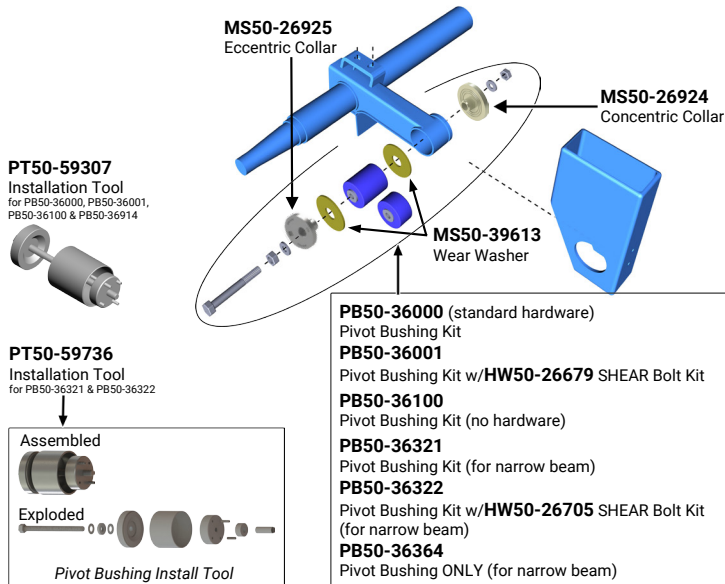
**ID:** 7/8"  
**OD:** 1 3/4"  
**LG:** 3"

**Binkley:** 09729-01  
**Hendrickson:** A1712  
**Reyco:** 09729-01  
**TransPro:** 0022-00, A-1712

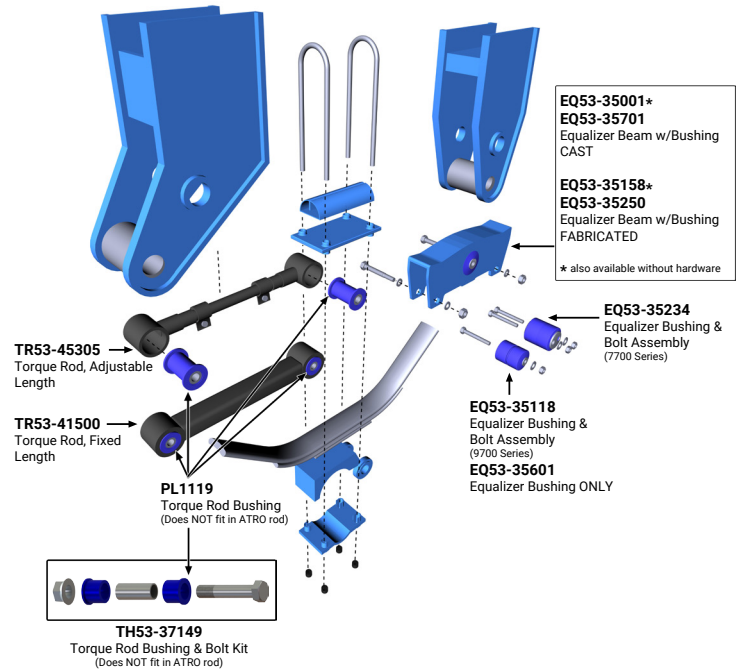


Abbreviation	Legend
ID	Internal Diameter
OD	Outside Diameter
LG	Length
WD	Width
H	Height
HO	Hole
TK	Thickness
C-C	Length Between Centers
BOLT	Bolt

## Hendrickson INTRAAX/VANTRAAX



## Hutchens 7700/9700



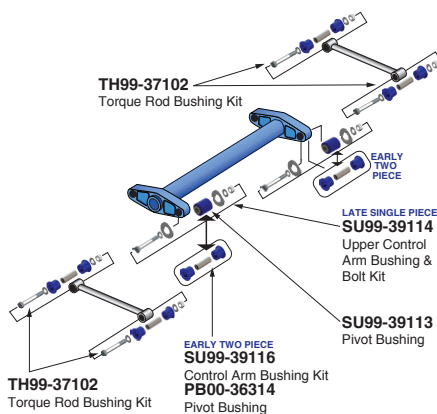
Scan QR Code for more information :  
**ATRO Field Manual | Hendrickson  
INTRAAX/VANTRAAX**



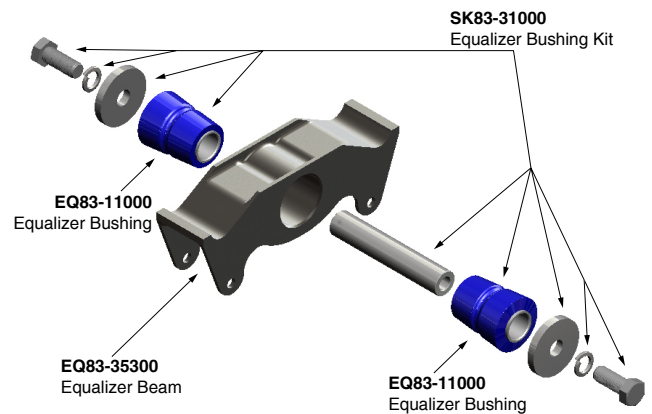
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7700/9700**



## Meritor RHP/MPA Trailer



## Reyco 21B



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**ATRO Field Manual | Reyco 21B**





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- Resistant to oils, grease, road salt, and other chemicals.
- Specific compounds optimize the performance of each part.



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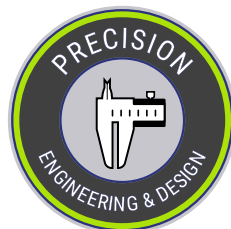
Phone: (800) 325-6114

Fax: (866) 920-2005

Email: [customerservice@atrobushing.com](mailto:customerservice@atrobushing.com)

Website: [www.atrobushing.com](http://www.atrobushing.com)

**ATRO, LLC**  
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