

# ATRO

ENGINEERED SYSTEMS



## SCHOOL BUS CATALOG

December 2021

**WITH ATRO BEHIND YOU, DRIVE FORWARD.**

6 Bolte Lane  
St. Clair, Missouri 63077 | U.S.A.  
800.325.6114 | Fax 866.920.2005  
[ATROBUSHING.COM](http://ATROBUSHING.COM)



## PRODUCT LINE

Driveline	1
Hood Latches	1
King Pins	2

Spring Eye Bushings/Kits	4
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Under Hood	5

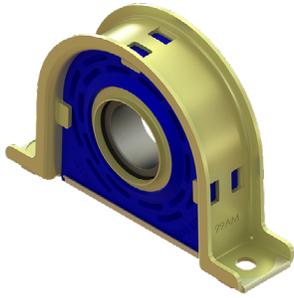
## INDEX

Competitive P/N	Competitor	ATRO P/N	Pg	Competitive P/N	Competitor	ATRO P/N	Pg
195	OE Kit	SKS93112	2	210661-1X	Meritor	CR00-67661	1
1307	OE Kit	SKS93112	2	210661-1X	Meritor	CR00-67825	1
1309	OE Kit	SKS0793118	2	315-5503	Dorman	HL00-64007	1
1310	OE Kit	SKS0793118	2	3538115C1	International	PB46-26268	4
11102	Gaff	HL46-64435	2	37-41-295-60	Bluebird	HL00-64006	1
55554	Bluebird	HL00-64006	1	471226C1	Navistar	SK00-10500	4
108533	Bluebird	CR00-67121	1	681-325-01-50	Freightliner	UB20500-OS	4
1353440	Bluebird	SK00-10500	4	BCD 26704-1	Freightliner	MM46-62002-HT	5
1661966	Bluebird	SK14-10000	4	BCD 27330 1	Freightliner	MM46-62000-HT	5
1662774	Bluebird	SK14-10000	4	BCD 27651 1	Freightliner	MM46-62002-HT	5
1662774	Bluebird	SK14-10100	4	BCD27330 2	Freightliner	MM46-62000-HT	5
1662774	Bluebird	SP14-11774	4	K102I	Stemco	SKS10209	2
4280855	OE Kit	SKS96112	2	K103S	Stemco	SKS10319	2
15588650	GMC/Chevrolet	SP00-52400	4	K120A	Meritor	SKB12001	2
25159428	Bluebird	HL00-64007	1	K120I	Stemco	SKS12009	2
61300221	Thomas Built	SK88-10200	4	K141S	Stemco	SKS14119	2
61300221	Thomas Built	SP00-52400	4	K931L	Stemco	SKS93112	2
61370672	Thomas Built	SK88-10200	4	K961L	Stemco	SKS96112	2
00063311(Left)	Bluebird	SKB12108-KP	2	KG931R	Stemco	SKS0793118	2
00063312(Right)	Bluebird	SKB12108-KP	2	KIT1315	Meritor	SKS96112	2
00063313(Both)	Bluebird	SKB12108-KP	2	P6073300019KZ	Thomas Built	SKS12001	2
16-13962-000	Freightliner	PB46-26268	4	P6073300119KZ	Thomas Built	SKB12001	2
1664724C3 (Lower)	Navistar	MM55-62002-HT	5	P6073300119KZ	Thomas Built	SKS12001	2
1664726C2 (Upper)	Navistar	MM55-62002-HT	5	R202004	Meritor	SKS12009	2
1664730C5 (Upper)	Navistar	MM55-62004-HT	5	R202005	Meritor	SKS10209	2
1664730C7 (Lower)	Navistar	MM55-62004-HT	5	R202009	Meritor	SKS10319	2
1671766C1	Navistar	SK00-10500	4	RB205	Dayton	UB20500-OS	4
1699929C91	International	HL55-64C91	2	SP2101211X	Freightliner	CR00-67121	1
1699930C93	International	HL55-64C91	2	SP2106611X	Freightliner	CR00-67661	1
17-12435-000	Freightliner	HL46-64435	2	SP2106611X	Freightliner	CR00-67825	1

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contact ATRO to  
learn more about  
our products.



## DRIVELINE



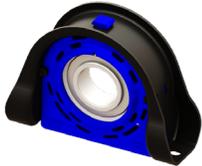
**CR00-67121**  
**Carrier Bearing, Series 1710**  
 Bluebird 108533  
 Freightliner SP2101211X



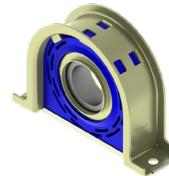
### CHEMICALLY RESISTANT

- Impervious to:
- Oil/Grease
  - Brine
  - Cleaning Solutions
  - Hydraulic Fluids
  - Diesel Fuel

Rubber Deteriorates



**CR00-67661**  
**Carrier Bearing, Self Aligning, Series 1810**  
 Freightliner SP2106611X  
 Meritor 210661-1X



**CR00-67825**  
**Carrier Bearing, Series 1810**  
 Freightliner SP2106611X  
 Meritor 210661-1X

COMPONENT	FEATURES	BENEFITS
Slotted Insulator	ATRO's proprietary, high quality polyurethane	Longer Life Reduced Vibration Resistant to Chemicals (i.e. oil, fuel, road salt, cleaning solvents, etc.)
Sealed Bearing	Permanent, double seal	Keeps contamination out Permanently lubricated
Bearing Dust Shield	Zinc electroplating Sealed bearing	Corrosion Resistant Protection from road debris
Steel Bracket	10 gauge steel Zinc Electroplating	Strength & Durability Corrosion Resistant

## HOOD LATCHES



**HL00-64006**  
**Hood Latch Kit, Right**  
 Bluebird 55554  
 Bluebird 37-41-295-60



**HL00-64007**  
**Hood Latch Kit, Left**  
 Dorman 315-5503  
 Bluebird 25159428



**HL55-64C91**  
**Hood Latch Kit**  
 International 1699929C91  
 International 1699930C93



**HL46-64435**  
**Hood Latch**  
 Gaff 11102  
 Freightliner 17-12435-000



The physical properties of ATRO's Polyurethane are so superior that rubber simply can't compete. This is true for many truck components and applies to Hood Latches, in particular because:

- Hood Latches are exposed to the elements – Polyurethane is not affected by chemical attack
- The quality of rubber fluctuates – ATRO polyurethane is consistent.
- Repeated use causes rubber hood latch straps to break.
- ATRO Polyurethane has 3 X the tear strength of rubber.

## KING PINS

### King Pins: Steel Spiral Bushings



For illustration purposes only

**SKS0793118**  
Spiral Steel Bushing King Pin Kit  
*Rockwell FG-931 Model*  
Stemco KG931R  
OE Kit 1309; 1310  
Popular on Thomas Built and Bluebird

**SKS10319**  
Spiral Steel Bushing King Pin Kit  
Stemco K103S  
Meritor R202009

**SKS12009**  
Spiral Steel Bushing King Pin Kit  
Stemco K120I  
Meritor R202004

**SKS93112**  
Spiral Steel Bushing King Pin Kit  
*Rockwell FF931, FF932 Models*  
Stemco K931L  
OE Kit 195; 1307  
Popular on Thomas Built and Bluebird

**SKS10209**  
Spiral Steel Bushing King Pin Kit  
Stemco K102I  
Meritor R202005

**SKS12001**  
Spiral Steel Bushing King Pin Kit  
Thomas Built P6073300019KZ  
Thomas Built P6073300119KZ

**SKS14119**  
Spiral Steel Bushing King Pin Kit  
Stemco K141S  
Heavier Axle for Bluebird and International

**SKS96112**  
Spiral Steel Bushing King Pin Kit  
*Rockwell FF961 Model*  
Stemco K961L  
Meritor KIT1315  
OE Kit 4280855  
Popular on Thomas Built and Bluebird

### King Pins: Bronze Bushings



For illustration purposes only

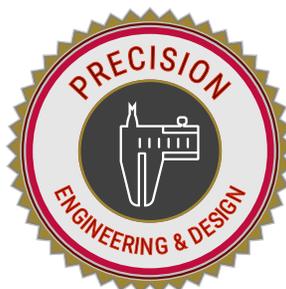
**SKB12001**  
Bronze Bushing King Pin Kit  
Thomas Built P6073300119KZ  
Meritor K120A

### King Pins: Bronze Bushings-No King Pins



For illustration purposes only

**SKB12108-KP**  
Bronze Bushing King Pin Kit (no King Pins)  
Bluebird 00063313  
Bluebird 00063311 (left)  
Bluebird 00063312 (right)



## TOP 10 REASONS TO BUY STEER KING BY ATRO

# Premium No-Ream Bronze & Steel Spiral King Pin Kits

## High-Performance Kits with Industry Leading Warranties

- Easy Install
- Max Life
- Unbeatable Wear Resistance

1



BUY RISK FREE  
WITH OUR LEADING  
WARRANTIES

2



CRITICAL DIMENSIONS  
100% INSPECTED FOR A  
TRUE FIT

3



SAVE TIME WITH  
PRE-PACKED BEARINGS

4



INSTALL FASTER WITH  
NEW BI-DIRECTIONAL  
LIP SEALS

5



KEEP YOUR PARTS  
TOGETHER WITH THE  
SHOP-READY BOX

6



GET A QUICK-FIX WITH  
AVAILABLE SPARE  
PARTS

7



HIGH-QUALITY,  
PRECISION  
ENGINEERING

8



LARGE INVENTORY  
TO SUPPORT OUR  
CUSTOMERS' NEEDS

9



EASY INSTALL TOOLS

10



APPLICATION SUPPORT  
& CROSS REFERENCES

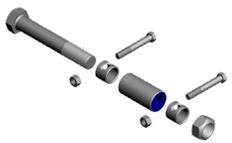
**STEER KING**  
by **ATRO**



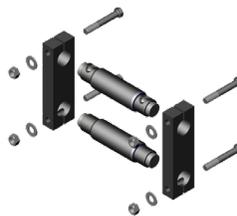
## SPRING EYE BUSHINGS/KITS

- This product line provides a long-life, no maintenance/no grease solution to labor intensive bi-metal bushings and pins.
- The design limits lateral movement of the pin while still allowing proper articulation of the pin within the bushing. This provides side stability and keeps the load and stress centered on the spring assembly thereby improving spring pin performance and longevity, ride quality and extending the life of the spring and connecting hardware.
- The polyurethane material is impervious to environmental elements and has a self-lubricating quality that eliminates costly and ineffective maintenance procedures.
- ATRO's spring eye bushings kits use the same sidebars as Original Equipment pins/bushings and are backed by a three-year warranty.

**NO MAINTENANCE! NO GREASE • MATCHES OE SIDEBAR! • THREE-YEAR WARRANTY!**



**SK00-10500**  
**Spring Eye Bushing Kit**  
 Bluebird 1353440  
 Navistar 471226C1; 1671766C1



**SK14-10000**  
**Spring Eye Shackle Kit**  
 Bluebird 1661966; 1662774



**SK14-10100**  
**Spring Eye Shackle Kit**  
 Bluebird 1662774



**SK88-10200**  
**Spring Eye Shackle Kit**  
 Thomas Built 61300221; 61370672



**SP00-52400**  
**Spring Eye Bushing**  
 GMC/Chevrolet 15588650  
 Thomas Built 61300221



**SP14-11774**  
**Spring Eye Shackle**  
 Bluebird 1662774

## SUSPENSION: GENERAL

### Problem:

When the drive axles rotate during braking and acceleration, the standard rubber bushed spring eye bushing will rotate in the leaf spring eye causing the eye to wear and the bushing to become loose. The bushing tends to "walk" out of the spring eye towards the driver or curbside of the truck.

### The PB46-26268 Solution:

The free rotating inner pin prevents the bushing from turning in the leaf spring eye, eliminating spring eye wear. The inbound flange prevents the bushing from walking sideways out of the eye.



The **UB20500-OS**, an over-sized version (+.060"), is available if the rubber bushing has opened up the spring eye slightly. The spring must still meet specifications. If not, the spring must be replaced, not rebushed.



**PB46-26268**  
**Pivot Bushing (Anti-Walk)**  
 Freightliner 16-13962-000  
 International 3538115C1



**UB20500-OS**  
**Spring Pivot Bushing - Oversized**  
 Dayton RB205  
 Freightliner 681-325-01-50

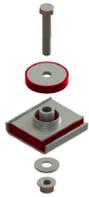
## UNDER HOOD



**MM46-62000-HT**  
Engine Mount Kit (Rear), HT  
Freightliner BCD 27330 1; BCD27330 2



**MM46-62002-HT**  
Engine Mount Kit (Front), HT  
Freightliner BCD 26704-1; BCD 27651 1



**MM55-62002-HT**  
Engine Mount Kit (Front), HT  
Navistar 1664724C3 (Lower)  
Navistar 1664726C2 (Upper)



**MM55-62004-HT**  
Engine Mount Kit (Rear), HT  
Navistar 1664730C7 (Lower)  
Navistar 1664730C5 (Upper)

*Also available in a Complete Vehicle Kit,  
MM55-62005-HT (both sides)*



- Impervious to:
- Oil/Grease • Brine
  - Cleaning Solutions
  - Hydraulic Fluids • Diesel Fuel

Rubber Deteriorates



- Engineered to Function
- Providing Peak Performance
- Improving Ride Quality
- Absorbs Shock or Transfers Energy
  - Exceeds OE Specs
  - Longer Lasting Parts



- ATRO Polyurethane vs Rubber
- 2-5 Times Stronger
  - Rebound & Compression
  - Tensile & Tear Strength
  - Elongation Properties
  - Ranging Durometer

# What Did We Forget?

## We Welcome Your Feedback!

- New Product Ideas?
- Parts Needing An ATRO Solution?
- Popular Parts ATRO Needs To Know About?

ATRO Engineered Systems is a Manufacturing and Engineering Company that is continually on the lookout for new product opportunities. If there is rubber component on these buses that fails prematurely or you feel could be improved, we are eager to hear your feedback. ATRO has the ability to reverse engineer rubber components and offer a longer lasting Polyurethane solution.

**Please submit your feedback to:**  
[newsolutions@atrobushing.com](mailto:newsolutions@atrobushing.com)



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# ATRO

ENGINEERED SYSTEMS



Impervious to:

- Oil/Grease
- Brine
- Cleaning Solutions
- Hydraulic Fluids
- Diesel Fuel

Rubber Deteriorates



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- Providing Peak Performance
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ATRO Polyurethane vs Rubber

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