



AIR SPRINGS



ALL-MAKES HEAVY-DUTY AIR SPRINGS

With parts and accessories for all makes and models¹, Alliance Parts is the smartest choice for value on the road. Readily available, easily affordable and assured in quality, Alliance has everything you need to deliver.

PARTS NUMBERING SYSTEM

All part numbers in this program contain the prefix ABP and N32 (the company-assigned code for this program). The remaining digits are based on part and design.

Example - ABP N32 027205

All Alliance Parts products in the catalog are set up with an Alliance part number. In the back of this catalog, you will find an extensive cross-reference list. This will help link another manufacturer's part to an Alliance ABP number.

WARRANTY

Alliance products are backed by a 1-year/unlimited-mile standard warranty. Additional warranty coverage may apply where specified.

Illustrations and photographs used in this catalog may vary slightly from the actual product. Prototype samples are sometimes used for photography. The production parts may vary slightly.

Availability of products shown in this catalog is subject to change without notice.

¹For nearly all heavy-duty truck makes and models.

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AIR SPRINGS

1

AIR SPRINGS

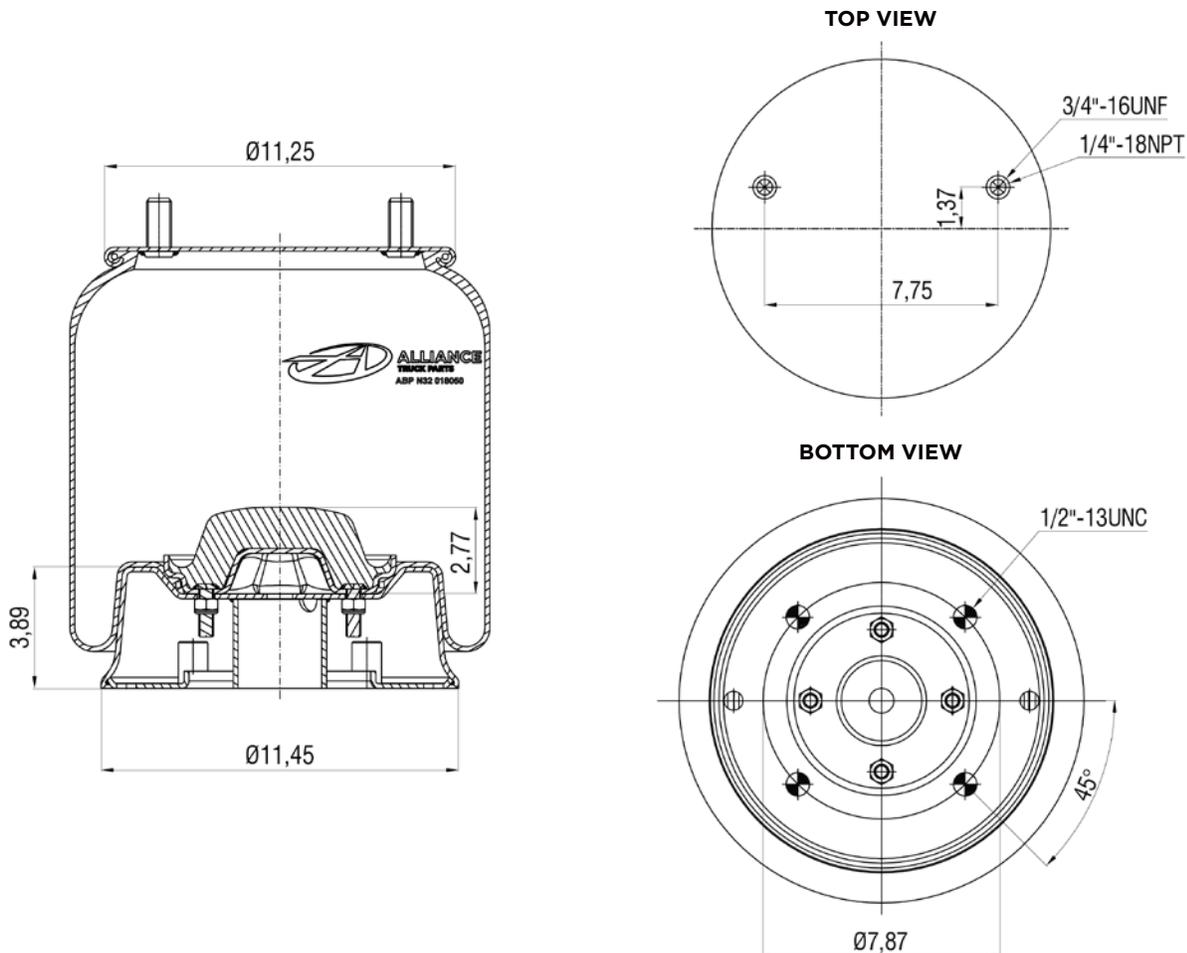


FEATURES & BENEFITS

- Air spring suspension absorbs vibration from the road, assuring a more comfortable ride for people and payloads
- Air springs are a key component in leveling systems, allowing the truck and trailer level to be adjusted for easier loading and unloading
- Superior air spring suspension performance can help improve fuel efficiency and reduce wear on road surfaces
- Environmentally friendly manufacturing produces less rubber waste than many competitors
- Rolling lobe air springs with clamping beads are supplied with pistons, plates and the internal bumpers, where necessary assembled as a complete unit
- Designed for longer stroke with minimal change in diameter for maximum comfort
- High stroke enables loading/unloading and allows easier installation
- Backed by a limited 2-year warranty against manufacturing defects

SPECIFICATIONS

ABP N32 018050



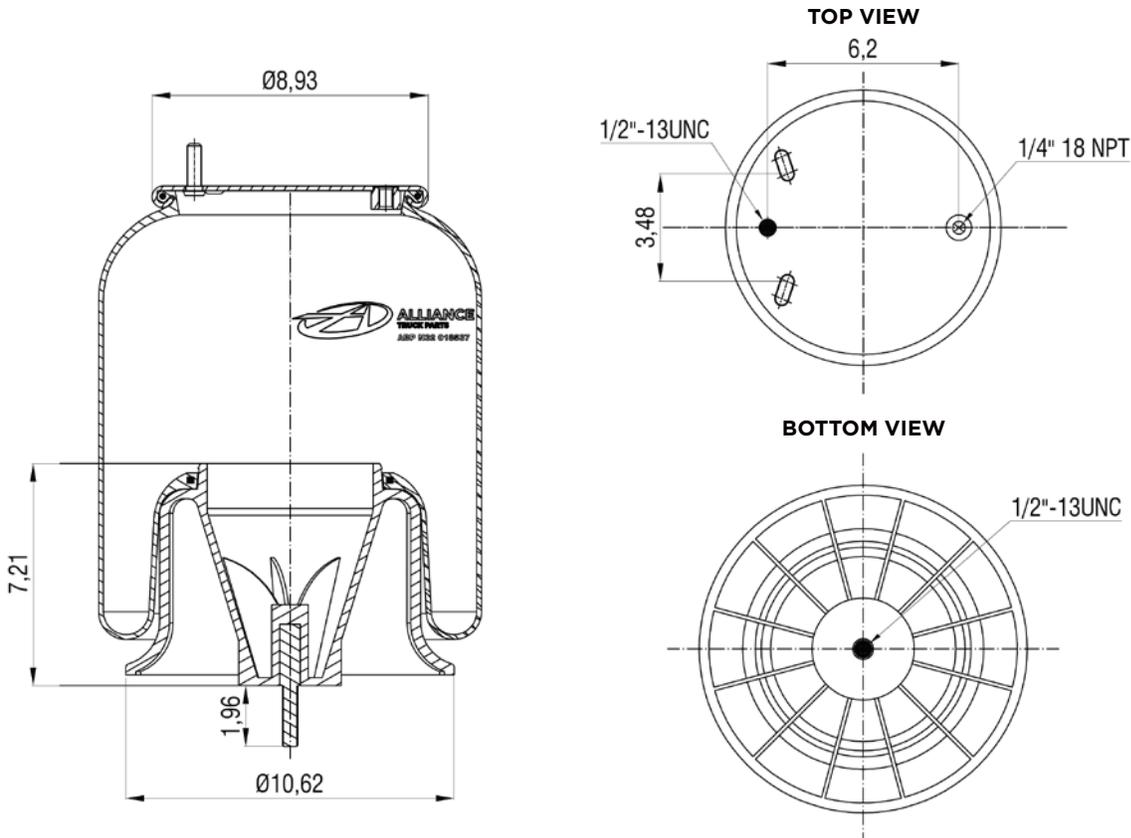


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SPECIFICATIONS

ABP N32 018537



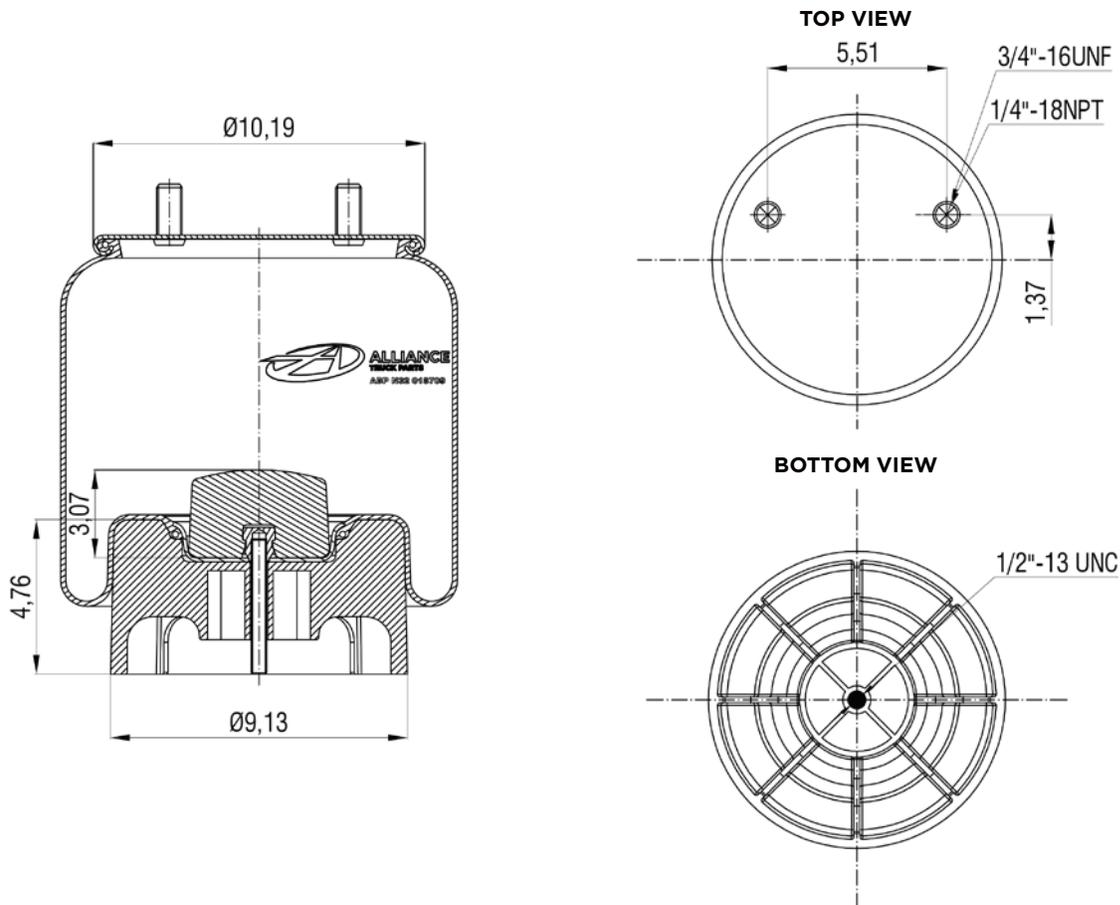
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ABP N32 018709



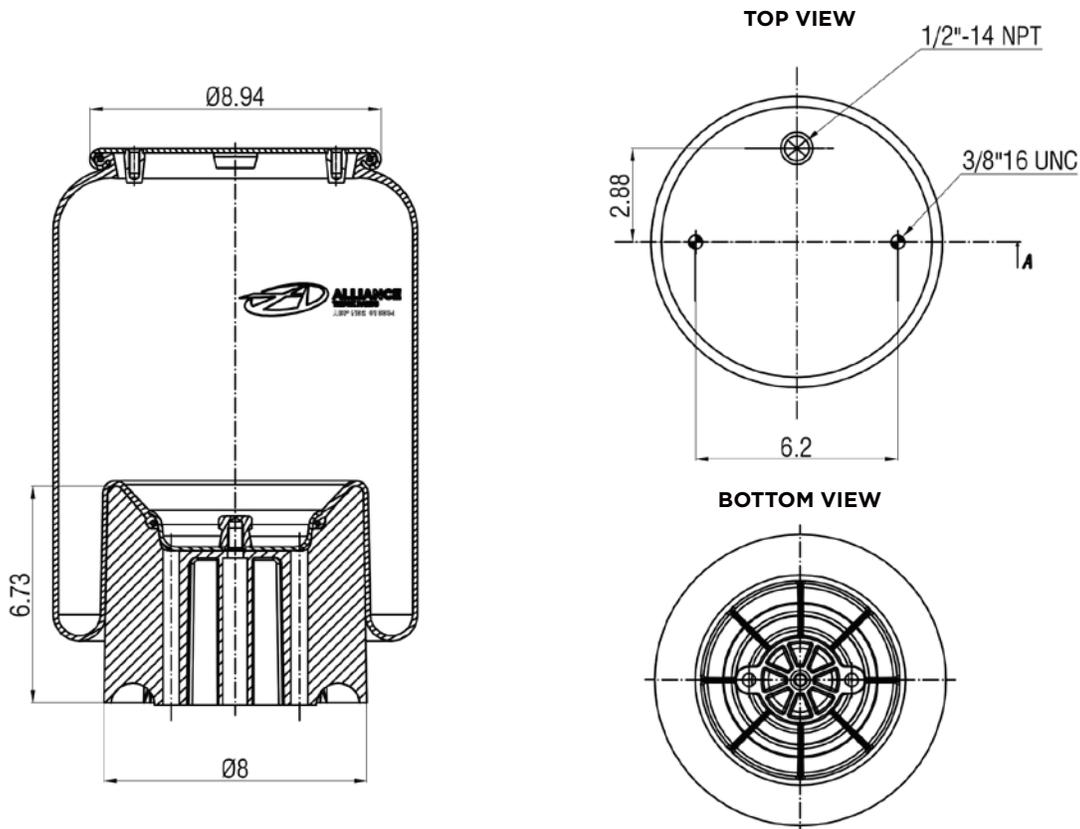
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ABP N32 018864



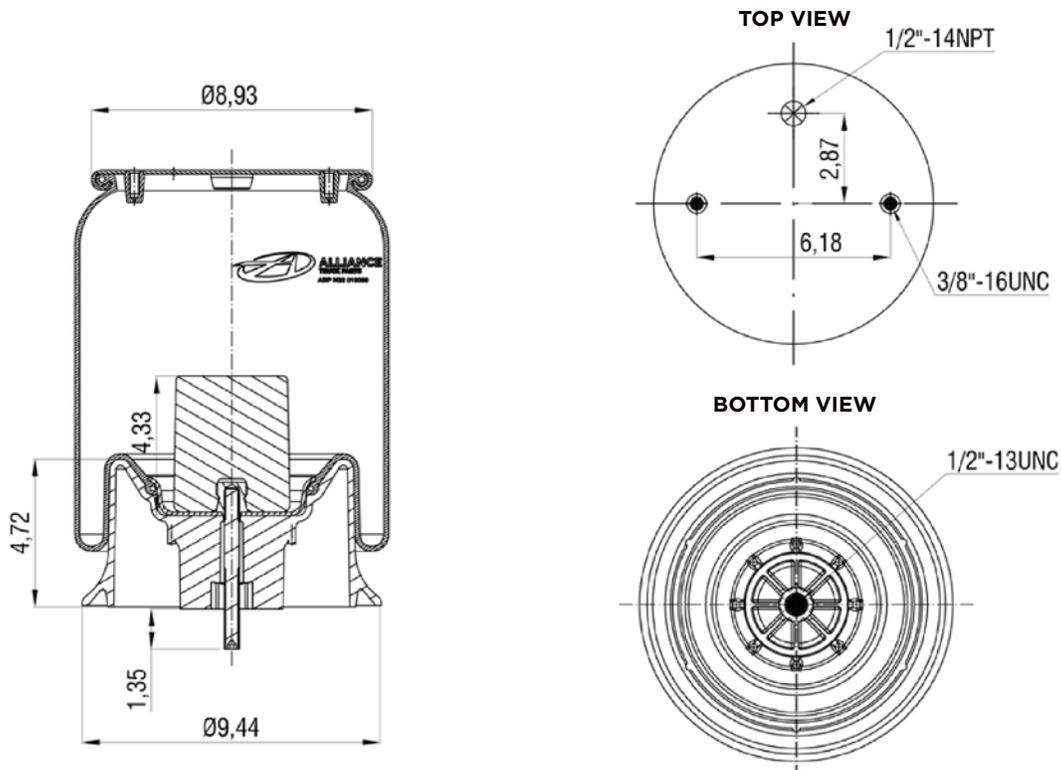
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SPECIFICATIONS

ABP N32 019069



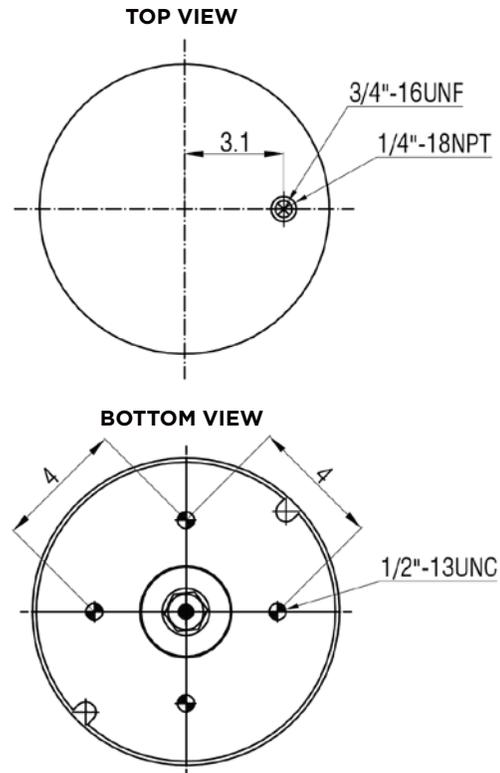
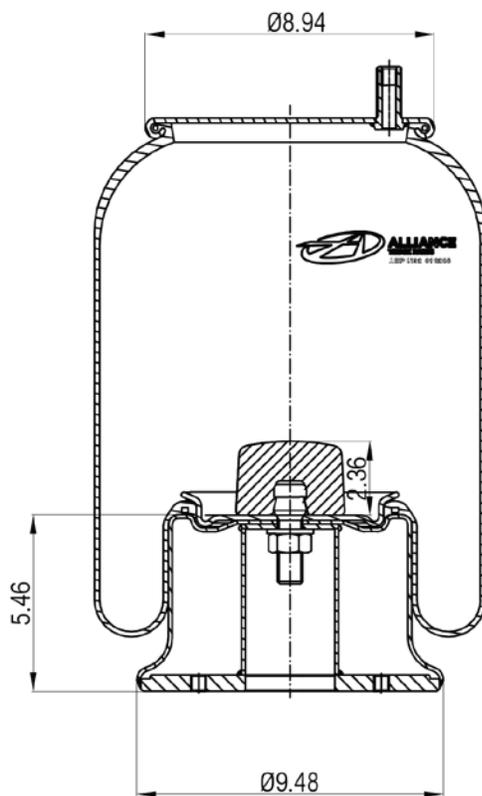


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ABP N32 019265



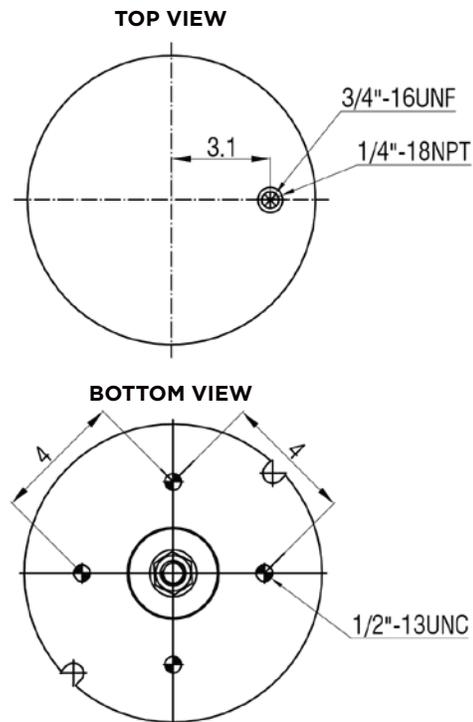
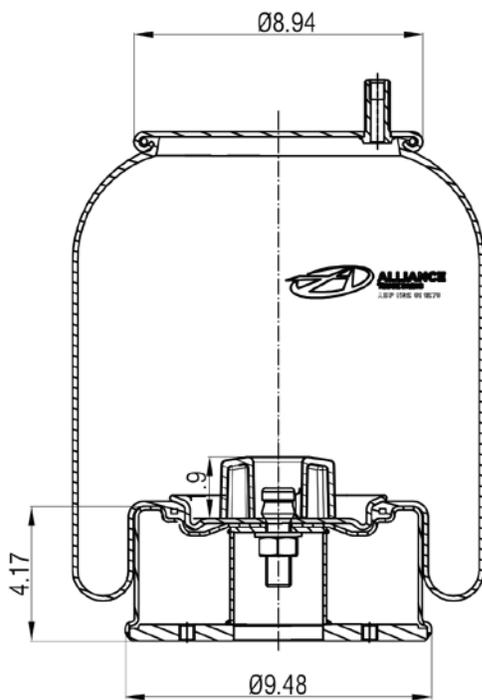


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ABP N32 019270



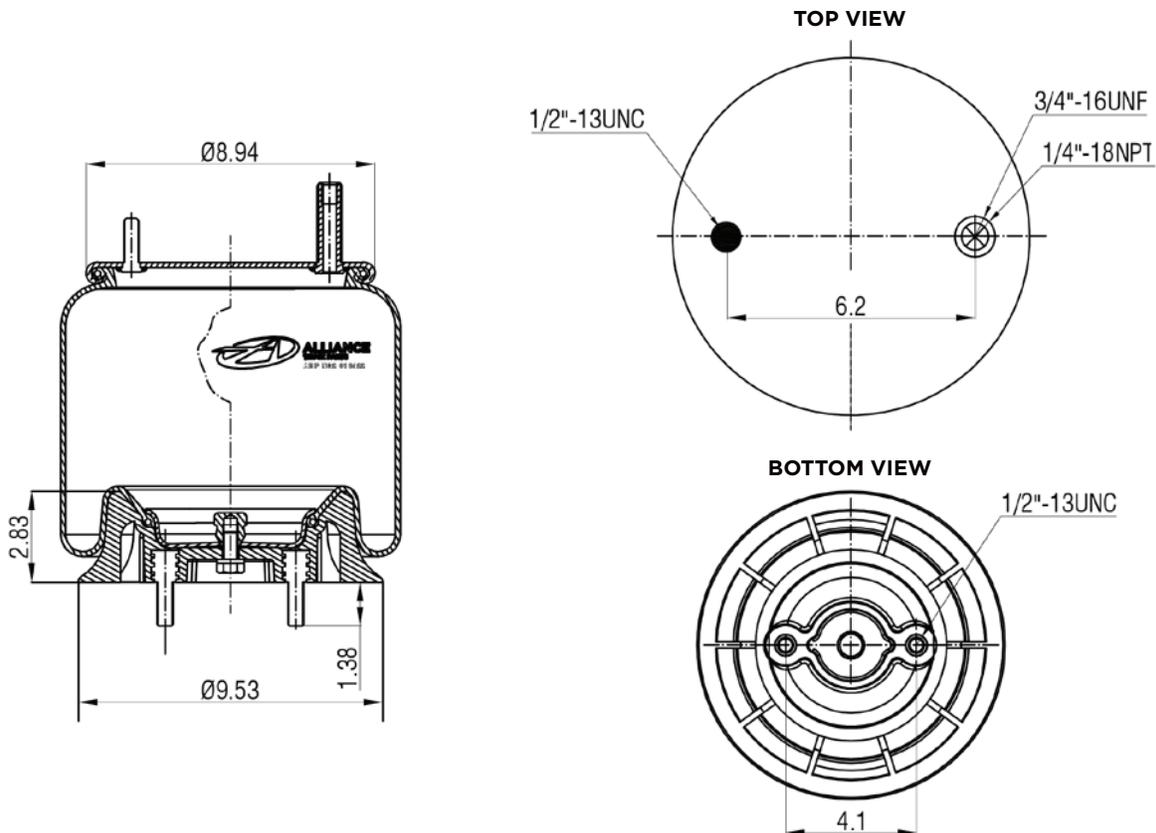


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ABP N32 019422



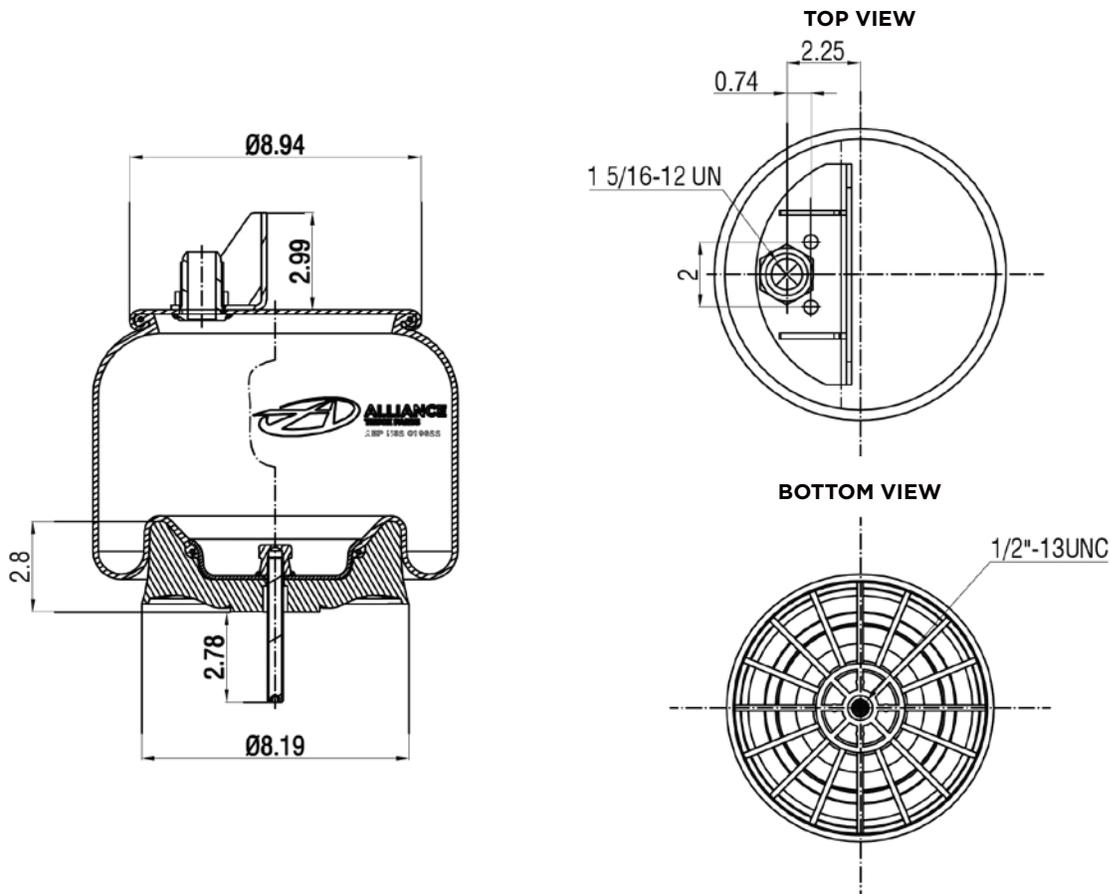
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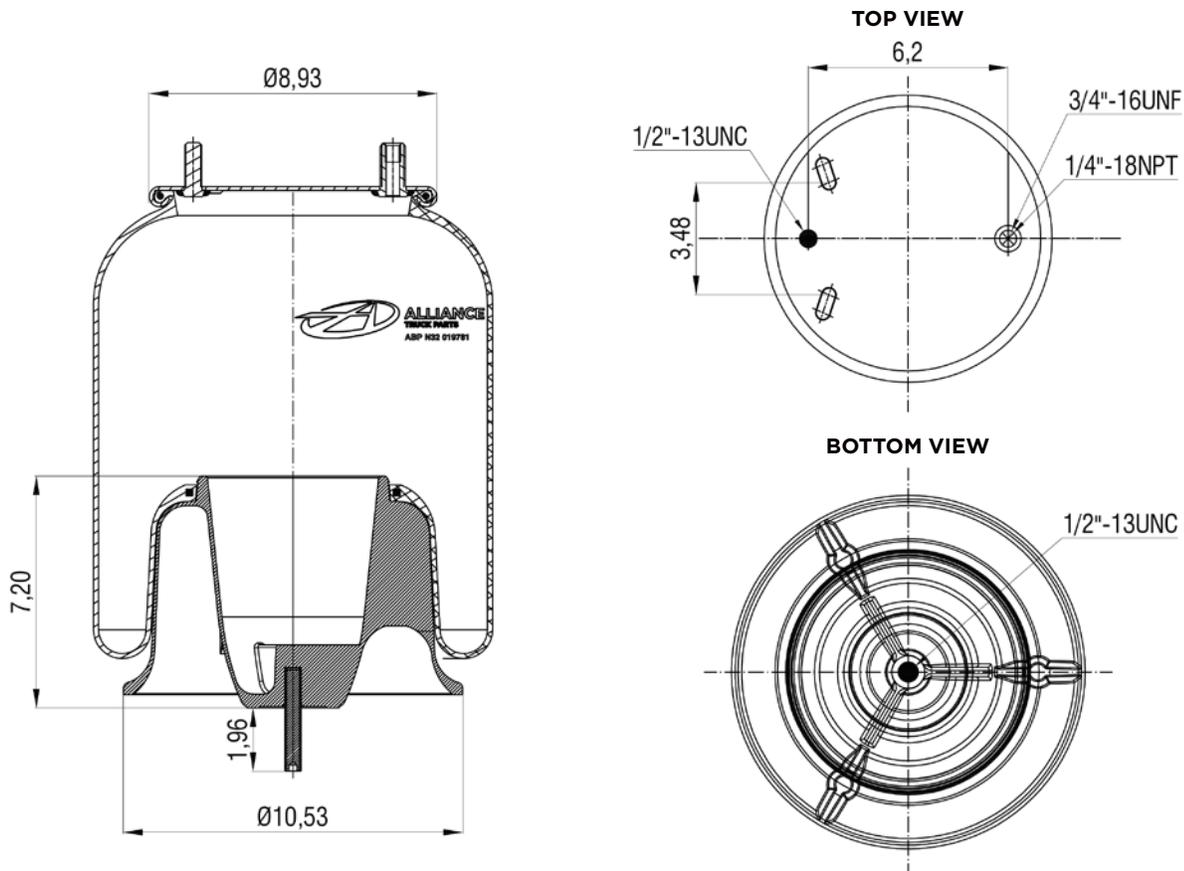
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ABP N32 019781



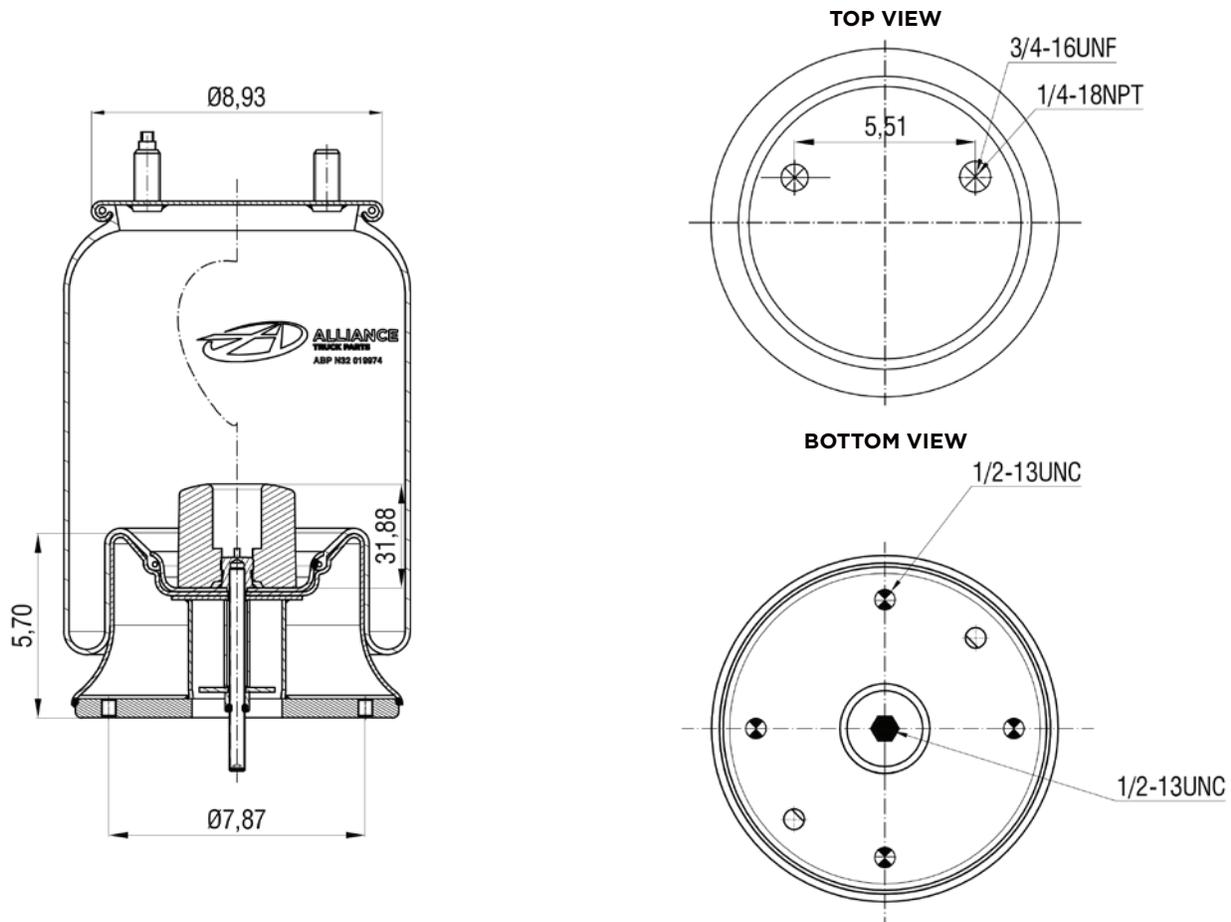


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SPECIFICATIONS

ABP N32 019974



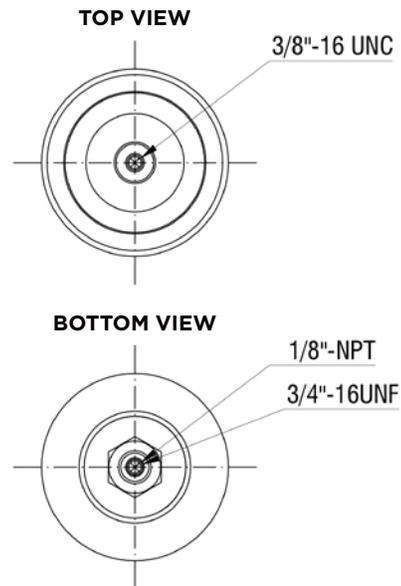
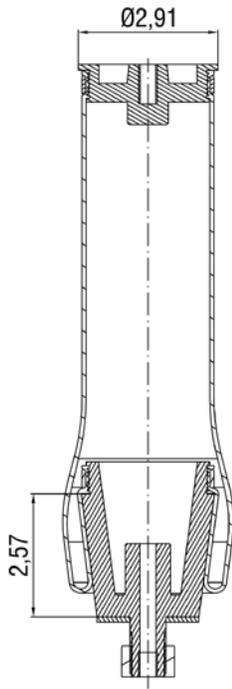


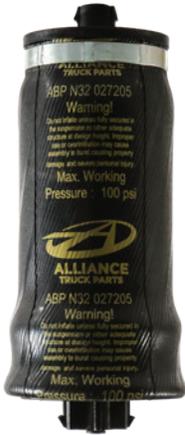
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- Air springs absorb vibration from the road, assuring a more comfortable ride for cabin occupants
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SPECIFICATIONS

ABP N32 027036



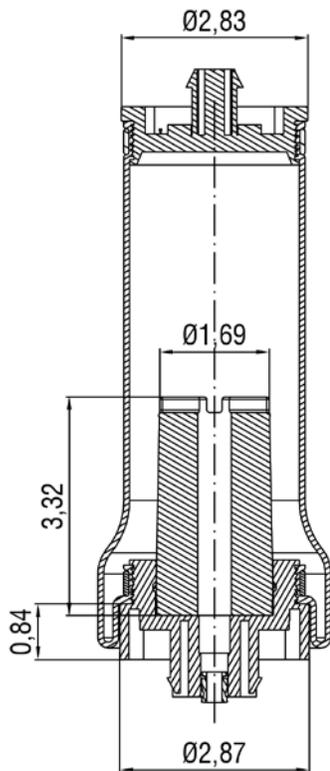


FEATURES & BENEFITS

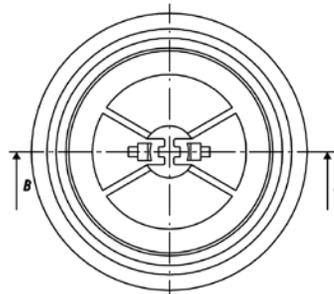
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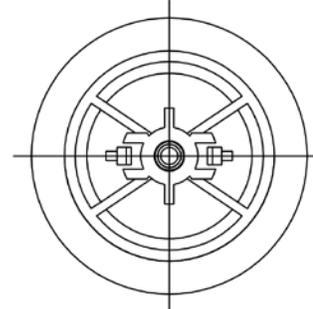
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TOP VIEW



BOTTOM VIEW



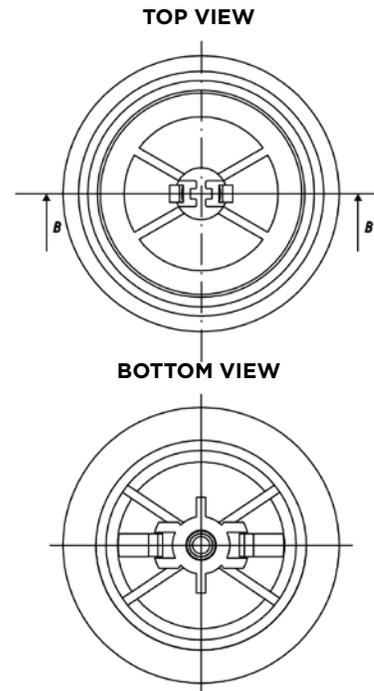
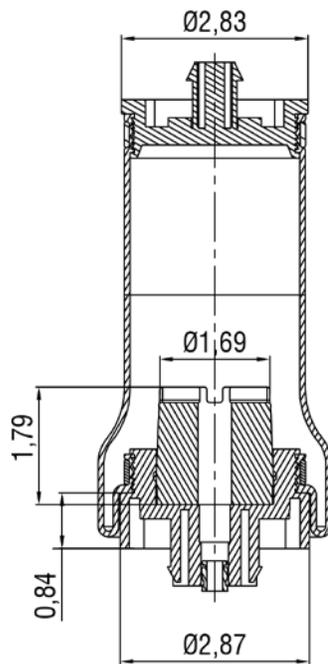


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ABP N32 027206



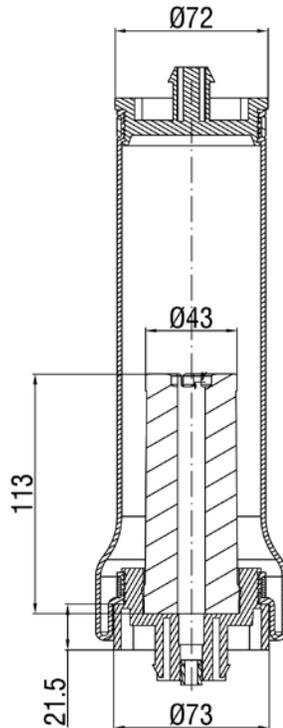


FEATURES & BENEFITS

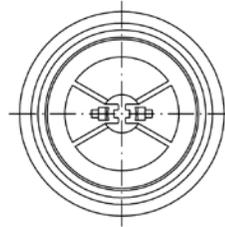
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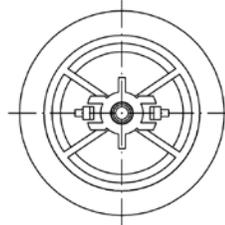
ABP N32 027215



TOP VIEW



BOTTOM VIEW





AIR SPRINGS

2

MAINTENANCE

INSTALLATION AND OPERATION TIPS

- Air spring surfaces and installation areas should be free from any kind of oil, diesel oil and chemical solvents
- The air spring system should not have any leaks
- Blown air pressure should not be more than seven bars or 100 psi
- Operating temperature should be between -40°F/-40°C and 158°F/+70°C
- Mounted piston should have plenty of clearance; it should not be in contact with any part on the vehicle
- During installation, the connection bolts on the air spring must not be tightened beyond the required torque
- Vehicle loads must be safe and balanced, not overloaded
- The air spring should be kept clean using water and soap

DAMAGE AND DEFECTS

Prior to installation, inspect air spring for the following:

- Dents caused by deformities in the rubber
- Cloth pinch or separation
- Visible cord fabric
- Air pockets in the rubber

Periodically inspect air spring assembly for the following types of damage:

- Tears, slices or punctures caused by external objects such as road debris
- Stress cracks caused by overheating
- Damaged connection bolts from excessive tightening during installation
- Damage to air spring and mounting surfaces from overloading, such as tears, bends, cracks and stripped threads

3

CROSS- REFERENCE

AIRTECH	
COMPETITOR P/N	ALLIANCE P/N
131572	ABP N32 019622
131612	ABP N32 019781
131672	ABP N32 018537
132752	ABP N32 019974
134022	ABP N32 019265
134042	ABP N32 019270
134132	ABP N32 018864
136972	ABP N32 019069
137002	ABP N32 019422
137072	ABP N32 018709
137142	ABP N32 018050
17000582	ABP N32 027215
17000592	ABP N32 027036
17000602	ABP N32 027206
17000622	ABP N32 027205

CONTITECH	
COMPETITOR P/N	ALLIANCE P/N
9 10-13.5 S 433	ABP N32 019270
9 10-14 P 312	ABP N32 019069
9 10-17.5 A 930	ABP N32 019974
9 10-19 P 435	ABP N32 019265
9 10-19 P 898	ABP N32 018864
9 10S-16 A 382	ABP N32 019781
9 10S-16 P 382	ABP N32 018537
9 9-12 P 314	ABP N32 019422
9 9-9 S 537	ABP N32 019622
10 10 15S453	ABP N32 018709
10 10.5-15 P 460	ABP N32 018709
11 10.5C-16 A 320	ABP N32 018050
SC29-Y036	ABP N32 027036
SC31-W206	ABP N32 027206
SC31-Y205	ABP N32 027205
SC31-Y215	ABP N32 027215

DAYTON	
COMPETITOR P/N	ALLIANCE P/N
352-8864	ABP N32 018864

DAYTON	
COMPETITOR P/N	ALLIANCE P/N
352-9069	ABP N32 019069
352-9265	ABP N32 019265
352-9270	ABP N32 019270
352-9422	ABP N32 019422
352-9780	ABP N32 018537

FIRESTONE	
COMPETITOR P/N	ALLIANCE P/N
W01-358-8050	ABP N32 018050
W01-358-8709	ABP N32 018709
W01-358-8864	ABP N32 018864
W01-358-9069	ABP N32 019069
W01-358-9265	ABP N32 019265
W01-358-9270	ABP N32 019270
W01-358-9422	ABP N32 019422
W01-358-9622	ABP N32 019622
W01-358-9780	ABP N32 018537
W01-358-9781	ABP N32 019781
W01-358-9974	ABP N32 019974
W01-377-8536	ABP N32 019781
W01-377-8537	ABP N32 018537
W02-358-7036	ABP N32 027036
W02-358-7205	ABP N32 027205
W02-358-7206	ABP N32 027206
W02-358-7207	ABP N32 027215
W02-358-7215	ABP N32 027215

FREIGHTLINER	
COMPETITOR P/N	ALLIANCE P/N
16-13810-000	ABP N32 018537
16-13810-001	ABP N32 018537
16-13810-002	ABP N32 018537
16-13840-000	ABP N32 019781
16-14004-000	ABP N32 019781
16-16773-000	ABP N32 019781
18-29919-000	ABP N32 027206
18-40977-000	ABP N32 027215
18-52651-000	ABP N32 027215

FREIGHTLINER	
COMPETITOR P/N	ALLIANCE P/N
18-66715-000	ABP N32 027215
681-320-0017	ABP N32 018537

HENDRICKSON	
COMPETITOR P/N	ALLIANCE P/N
S13031	ABP N32 019069
S13032	ABP N32 019422
S20010	ABP N32 019270
S20124	ABP N32 019265
S20413	ABP N32 019265
S20900	ABP N32 018709
S21208	ABP N32 019270
S21800	ABP N32 018709
S25559	ABP N32 019270
S4771	ABP N32 018050
SC2134	ABP N32 019265

KENWORTH	
COMPETITOR P/N	ALLIANCE P/N
K303-6	ABP N32 019422
K303-14	ABP N32 019422
K303-15	ABP N32 019422
K303-19	ABP N32 019622
K303-22	ABP N32 019622

LOAD GUARD	
COMPETITOR P/N	ALLIANCE P/N
SC2034	ABP N32 019069
SC2052	ABP N32 018050
SC2050	ABP N32 019422
SC2759	ABP N32 019265

NAVISTAR	
COMPETITOR P/N	ALLIANCE P/N
1685174C1	ABP N32 018050
554762C1	ABP N32 019422
554764C1	ABP N32 019069

NEWAY	
COMPETITOR P/N	ALLIANCE P/N
57008050	ABP N32 018050
57009069	ABP N32 019069
90557120	ABP N32 019422
90557332	ABP N32 019974
90557369	ABP N32 019974

PETERBILT	
COMPETITOR P/N	ALLIANCE P/N
03-01649	ABP N32 019069
03-02038	ABP N32 019069
03-02456	ABP N32 019069
03-04759	ABP N32 019069
03-06746	ABP N32 019069
03-07112	ABP N32 019069
03-08716	ABP N32 018864
29-02454	ABP N32 027036
29-03200	ABP N32 027036

RIDEWELL	
COMPETITOR P/N	ALLIANCE P/N
1003588050C	ABP N32 018050
1003589422C	ABP N32 019422

STEMCO	
COMPETITOR P/N	ALLIANCE P/N
1R11-028	ABP N32 019422
1R11-221	ABP N32 019622
1R12-069	ABP N32 019069
1R12-1048	ABP N32 019974
1R12-303	ABP N32 018537
1R12-375	ABP N32 019265
1R12-603	ABP N32 019781
1R13-119	ABP N32 019270
1R13-159	ABP N32 018709
1R14-039	ABP N32 018050
1S5-175	ABP N32 027215
1S5-176	ABP N32 027206
1S5-186	ABP N32 027036

TRIANGLE

COMPETITOR P/N	ALLIANCE P/N
8312	ABP N32 019069
8314	ABP N32 019422
8320	ABP N32 018050
8382	ABP N32 018537
8433	ABP N32 019270
8435	ABP N32 019265
8453	ABP N32 018709
8460	ABP N32 018709
8537	ABP N32 019622
8898	ABP N32 018864
AS-5036	ABP N32 027036
AS-5215	ABP N32 027215

VOLVO

COMPETITOR P/N	ALLIANCE P/N
85 101 145	ABP N32 019069
85 101 148	ABP N32 019422
85 101 151	ABP N32 018537
85 101 155	ABP N32 019265
3130496	ABP N32 019422
3130498	ABP N32 018050

WATSON & CHALIN

COMPETITOR P/N	ALLIANCE P/N
AS-0039	ABP N32 018050
AS-0077	ABP N32 019069
AS-0084	ABP N32 019270
AS-0182	ABP N32 018537

WESTERN STAR

COMPETITOR P/N	ALLIANCE P/N
66003-3406	ABP N32 027205



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