

Automatic Slack Adjusters (including self-setting versions)



- Product Ranges
- Installation
- Maintenance
- Vehicle Applications
- Cross References

Knorr-Bremse Automatic Slack Adjusters

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Disclaimer

The information contained in this document is intended for the exclusive use of trained persons within the commercial vehicle industry, and must not be passed on to any third party.

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This Product Manual provides information concerning the selection, fitting and maintenance of both the 'traditional' Knorr-Bremse automatic slack adjuster and the latest self-setting automatic slack adjuster. The devices shown in this manual use the 'Clearance Sensing Principle' in which the device monitors the clearance between the brake linings and the brake drum and makes adjustments when necessary to maintain this clearance to an optimum level.

The operation of the 'traditional' automatic slack adjuster (ASA) is described in Section 1. Using an ASA avoids the need for the regular manual adjustment necessary with a manual slack adjuster. When an ASA is installed onto the vehicle a setting-up procedure must be followed to ensure that the control arm is correctly located in the anchor bracket. Details of this procedure are provided in Section 5.

The self-setting automatic slack adjuster (S-ASA) is a variant of the ASA and has the advantage that the control arm can be attached to the anchor bracket anywhere within a wide arc, which simplifies the setting-up procedure and allows some rationalisation of part numbers. The S-ASA also has the capability to adjust in smaller increments providing extremely accurate control of the lining to drum clearance. The operation of the S-ASA is described in Section 3.

Knorr-Bremse ASAs are directly interchangeable with original equipment parts from other manufacturers. Selection of the correct Knorr-Bremse part number is facilitated by detailed descriptions of each adjuster, in part number order, in Section 2 for ASAs and Section 4 for S-ASAs. In addition vehicle applications information is provided in Section 6 and cross-references are provided in Section 7.

Glossary of Terms

| | |
|--|--|
| Adjustment | Method whereby the slack adjuster maintains the correct clearance between the brake linings and brake drum. |
| Alpha (α) Angle | The angle of the control arm in the fitted position. |
| Anchor Bolt | Used to attach the anchor/fixed point to the vehicle. |
| Anchor Bracket | The bracket, attached to the vehicle, which connects to the control arm of the slack adjuster providing a fixed point. |
| Automatic Slack Adjuster (ASA) | A slack adjuster which automatically adjusts to maintain the correct clearance between brake linings and brake drum. |
| Body | The part of the adjuster which houses the mechanism and extends to hold the clevis bush(es). |
| Bracket Kit | Loose parts supplied with 'Fast Fit' automatic slack adjusters. |
| Casting | The raw material of the body. |
| Casting Number | Identification number for each casting/body type, marked in relief on the casting. |
| Clearance | The distance between the brake lining and the brake drum. |
| Clevis | The forked device fitted to the push rod of the brake actuator. Also known as a yoke. |
| Clevis Bush | The bush in the slack adjuster arm through which the clevis pin passes, determining the position where the brake actuator is connected to the slack adjuster. Note - on some trailer slack adjusters the hole in the arm which connects to the hand brake linkage may not be bushed. |
| Clevis Pin | The pin, which passes through the clevis (yoke) on the brake actuator push rod and the clevis bush of the slack adjuster. |
| Control Arm | The rotating arm, which connects the cover plate to the anchor bracket. |
| Control Unit | The specific cover plate, control arm and alpha angle combination for a particular slack adjuster. |
| Cover Plate | The metal pressing which is screwed to the body to protect the mechanism. |
| Crank/Inclination | The angle of the body measured from the vertical when viewing the cover plate with the hexagon nut on the left. |
| Elasticity | The combined 'give' in the parts of the foundation brake when full braking pressure is applied. |
| Excess Clearance | Additional distance between brake lining and brake drum caused by wear. |
| Grease Nipple | Nipple located on the body and used to supply lubrication to the inner mechanism. |
| Grommet | Plastic insert housed in certain control arms. |
| Hexagon Nut | The nut (12mm A/F), which is rotated as part of the installation and service routines. |
| Lining Gap | The distance between brake lining and brake drum. |

| | |
|--|--|
| Manual Slack Adjuster | A slack adjuster which needs regular manual adjustments to maintain the correct clearance between brake linings and brake drum. |
| Mechanism | The internal components of a slack adjuster which determine how the clearance is maintained. |
| OEM Reference | Vehicle Manufacturer's own part number for the slack adjuster. |
| Offset | The distance between the centre line of the casting at the worm gear and the centre line of the casting at the last clevis bush when viewing the hexagon nut. |
| Peg Bolt | Used to attach the anchor bracket to the control arm where the control arm incorporates a grommet. |
| Preset Clearance | The normal running clearance between brake linings and brake drum when no wear has taken place. |
| Radius | The distance from the centre of the worm gear to the clevis hole/bush. |
| Self-setting Automatic Slack Adjuster (S-ASA) | An automatic slack adjuster which will work correctly whatever the starting position of the control arm. |
| Slack Adjuster | Brake lever which forms the mechanical link between the brake actuator and the foundation brake, and provides a means of adjusting the clearance between the brake linings and the brake drum. |
| Spline | The mating teeth of the worm gear and camshaft onto which the slack adjuster is mounted. |
| Wear Indicator | Pointer which is fixed to, and rotates with, the camshaft to provide an indication of brake lining wear. |
| Worm Gear | The part of the mechanism which fits on the foundation brake camshaft and rotates it. |
| Worm Shaft | The part of the mechanism, engaging with the worm gear, which extends from the body forming a hexagon nut. |

Safety Advice

Note: The safety advice listed below is applicable to general service and diagnostic work on air braking systems and may not all be directly relevant to the activities and products described in this document.

Before and whilst working on or around air braking systems and devices, the following precautions should be observed in addition to any specific advice given in this document:

- Always wear safety glasses when working with air pressure.
- Never exceed manufacturer's recommended air pressures.
- Never look into air jets or direct them at anyone.
- Never connect or disconnect a hose or line containing pressure; it may whip as air escapes.
- Never remove a device or pipe plug unless you are certain all system pressure has been depleted.
- Park the vehicle on a level surface, apply the parking brakes, and always chock the wheels as depleting vehicle air system pressure may cause the vehicle to roll.
- If work is being performed on the vehicle's air braking system, or any auxiliary pressurised air systems, and if it is necessary to drain the air pressure from reservoirs, etc., keep clear of brake actuator push rods and levers since they may move as system pressure drops. Be aware that if the vehicle is equipped with an air dryer system, it can also contain air pressure along with its purge reservoir, if fitted, even after pressure has been drained from the other reservoirs.
- When working under or around the vehicle, and particularly when working in the engine compartment, the engine should be shut off and the ignition key removed. Where circumstances require that the engine be running, EXTREME CAUTION should be taken to prevent personal injury resulting from contact with moving, rotating, leaking, heated or electrically charged components. Additionally, it is advisable to place a clear sign on or near the steering wheel advising that there is work in progress on the vehicle.
- Examine all pipework for signs of kinks, dents, abrasion, drying out or overheating. Be aware that kinks in pipework may result in air pressure being trapped in the pipework and associated equipment. Replacement hardware, tubing, hose, fittings, etc. must be of equivalent size, type and strength as original equipment and be designed specifically for such applications and systems. Check the attachment of all pipework; it should be supported so that it cannot abrade or be subjected to excessive heat.
- Components with stripped threads or damaged/corroded parts should be replaced rather than repaired. Do not attempt repairs requiring machining or welding unless specifically stated and approved by the vehicle or component manufacturer.
- Never attempt to install, remove, disassemble or assemble a device until you have read and thoroughly understood the recommended procedures. Some units contain powerful springs and injury can result if not properly dismantled. Use only the correct tools and observe all precautions pertaining to use of those tools. Before removing any device note its position and the connections of all pipework so that the replacement/serviced device can be properly installed. Ensure that adequate support or assistance is provided for the removal/installation of heavy items.
- Use only genuine Knorr-Bremse replacement parts, components and kits.
- Prior to returning the vehicle to service, make certain all components and systems are leak free and restored to their proper operating condition.

Welding

To avoid damage to electronic components when carrying out electrical welding, the following precautions should be observed:

- In all cases, before starting any electrical welding, remove all connections from any electronic control units or modules, noting their position and the order in which they are removed.
- When re-inserting the electrical connectors (in reverse order) it is essential that they are fitted to their correct assigned position - if necessary this must be checked by PC Diagnostics.

1. Automatic Slack Adjuster - Explanation of Operation

There is a difference in the design of Knorr-Bremse and Haldex Automatic Slack Adjusters (ASAs) relating to the shape of some control arms and associated anchor brackets.

For trailer applications only, Haldex use a 'saddle type' bracket which can be attached to the mating anchor bracket without the need for an additional pin or bolt. Knorr-Bremse uses an

equivalent 'Fast Fit' bracket which also fits to the mating anchor bracket without the need of a pin or bolt.

Knorr-Bremse 'Fast Fit' control arms cannot be attached to Haldex 'saddle type' anchor brackets (and vice versa). Knorr-Bremse ASAs for trailers, fitted with the 'Fast Fit' control arm, are always supplied with new 'Fast Fit' anchor brackets.

In all other respects the installation of the Knorr-Bremse ASA is the same as that of the Haldex ASA.

The construction of the Knorr-Bremse ASA is illustrated in the exploded view below.



Knorr-Bremse 'Fast Fit' Bracket



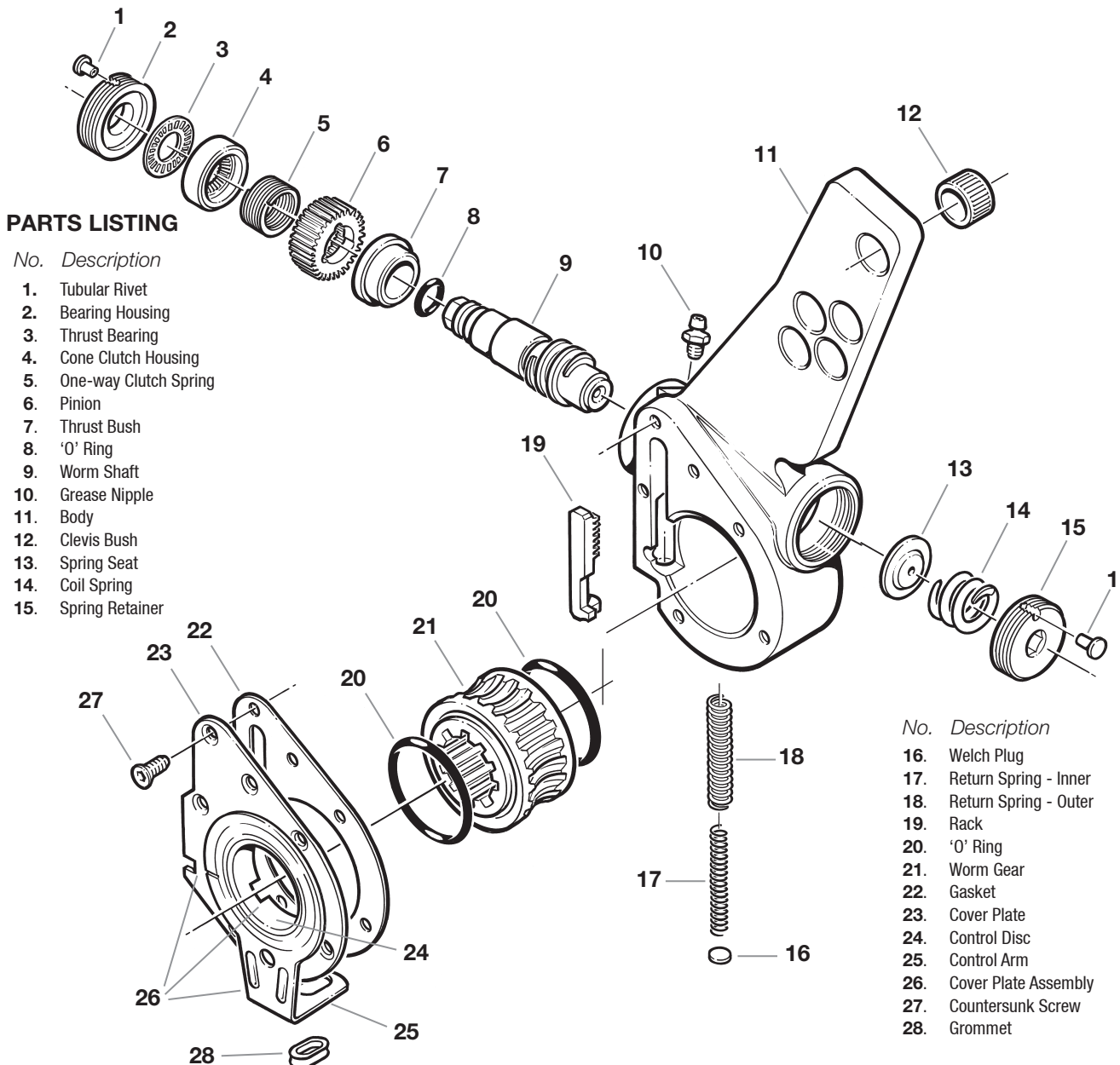
Knorr-Bremse 'Fast Fit' Bracket Fitted



Haldex Saddle Type Bracket



Haldex Bracket Fitted



1. Automatic Slack Adjuster - Explanation of Operation

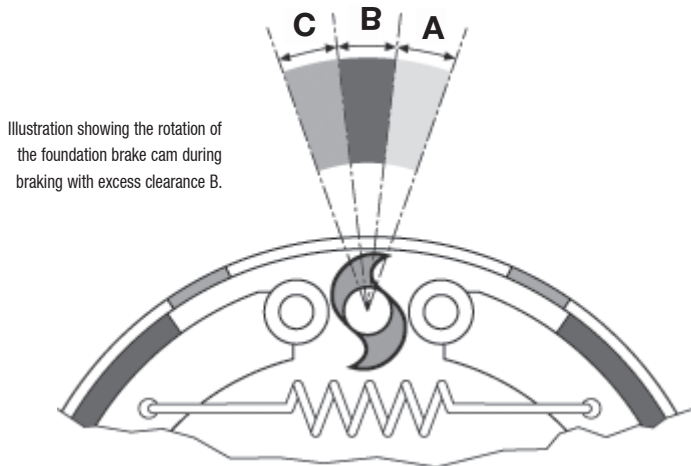
The purpose of a slack adjuster is to minimise the gap that develops between the brake lining and the brake drum as repeated application of the brake causes wear to the surface of both components.

To do this, an automatic slack adjuster (ASA) has to distinguish between the three parts of the braking stroke and only adjust for the appropriate part.

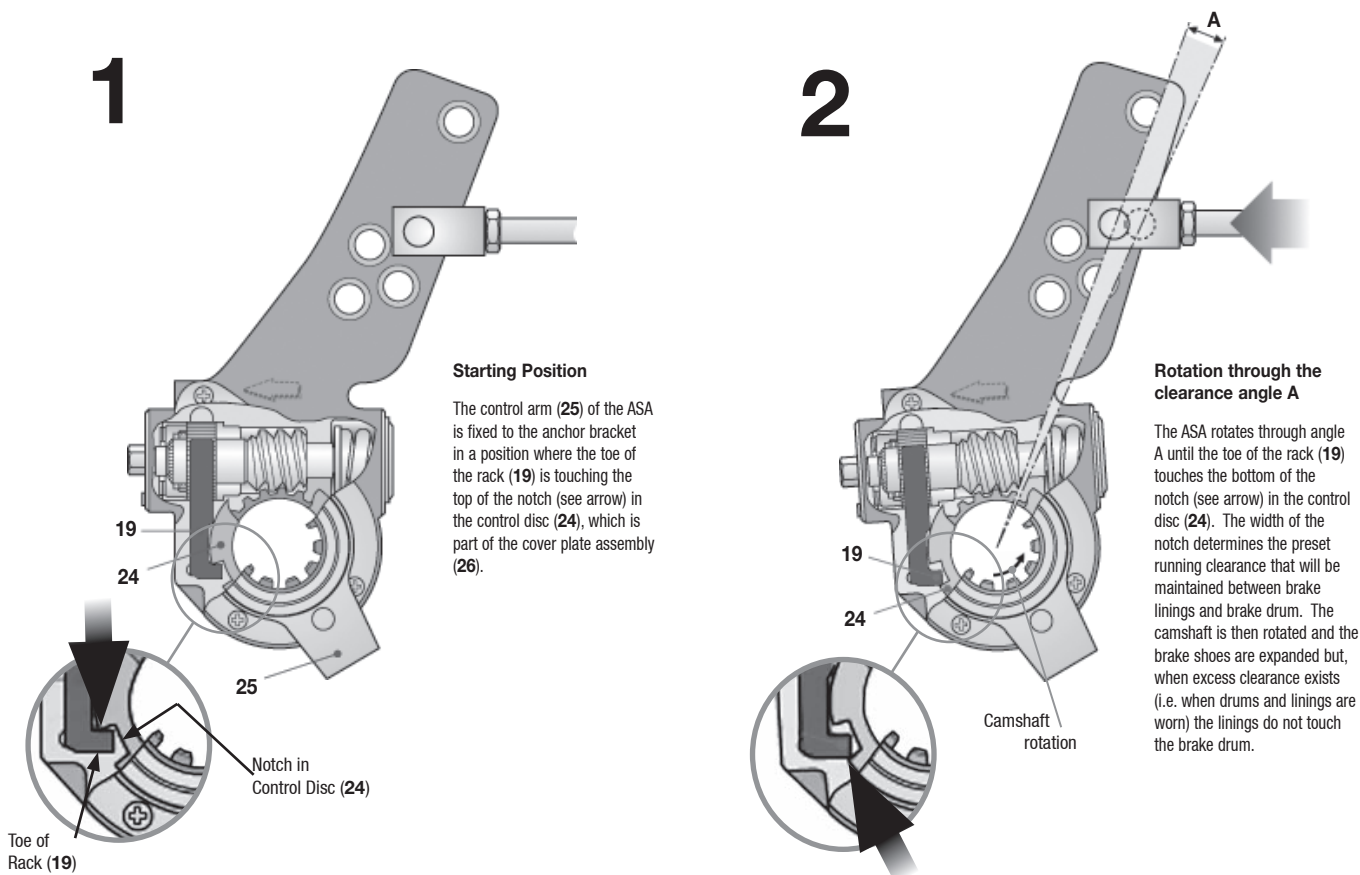
When the brake is applied the slack adjuster rotates the cam through:

- A. The normal preset running clearance angle A - for which no adjustment should be made.
- B. The excess clearance angle B, which develops when linings and drum wear - for which adjustment should be made.

C. The elasticity angle C of the foundation brake, which develops when torque within the foundation brake rises as the brake is applied - for which no adjustment should be made.

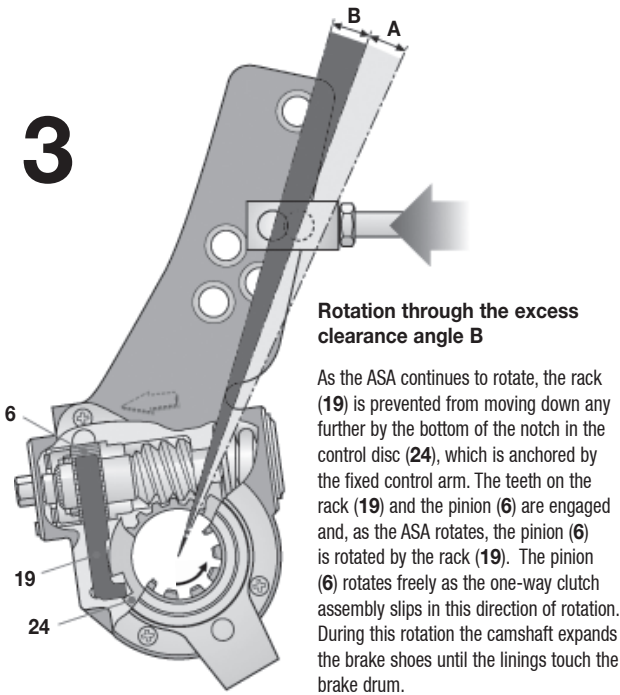


The ASA achieves the correct adjustment as follows:

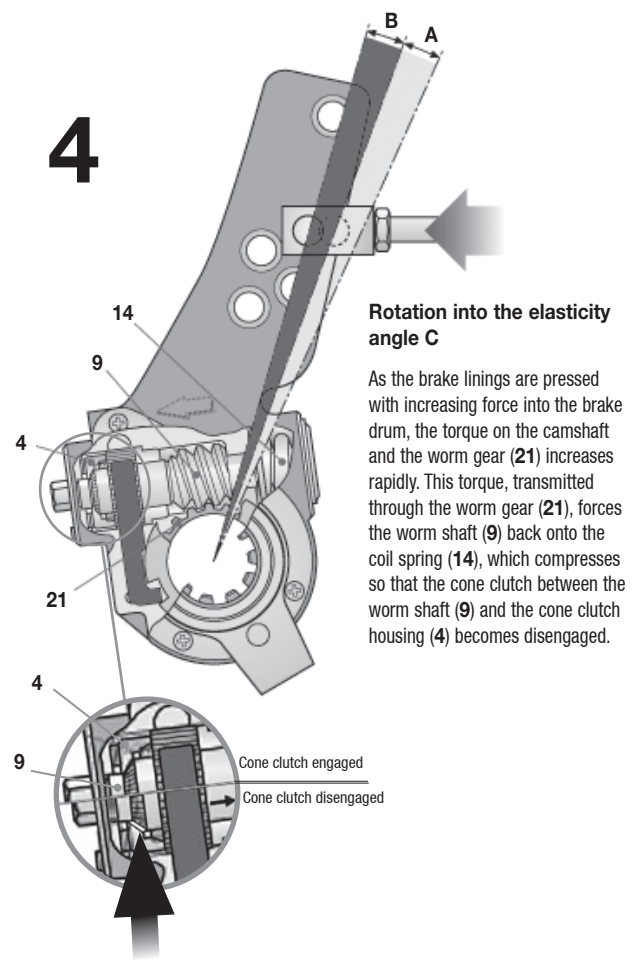


1. Automatic Slack Adjuster - Explanation of Operation

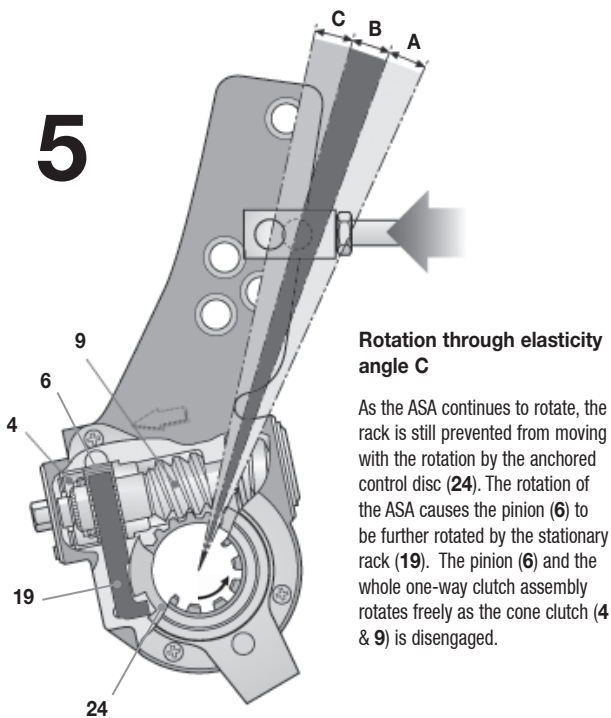
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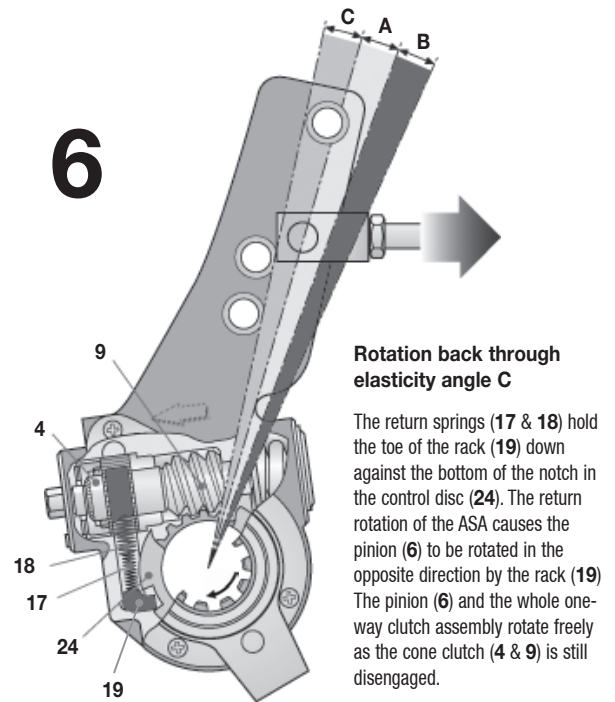
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5

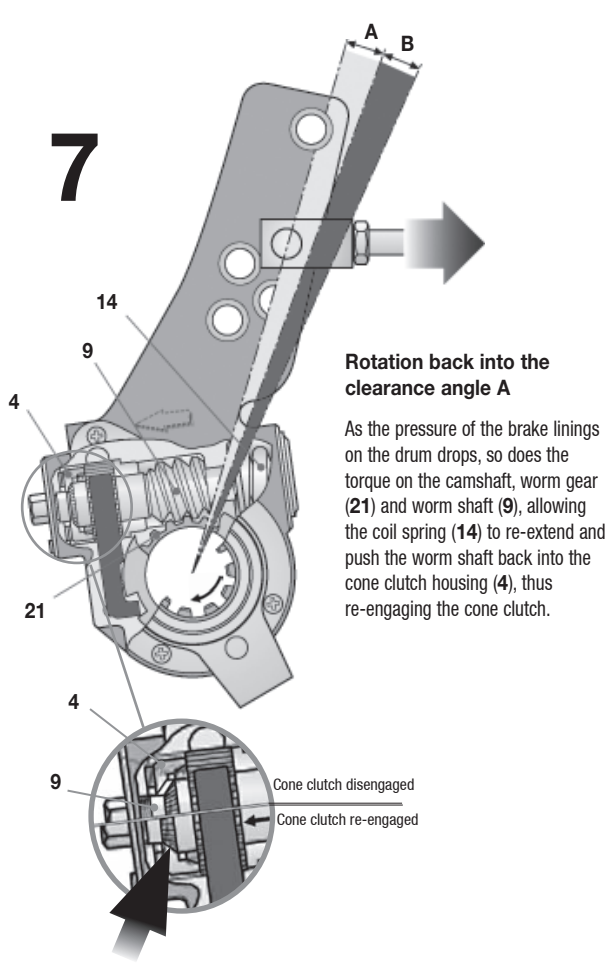


6



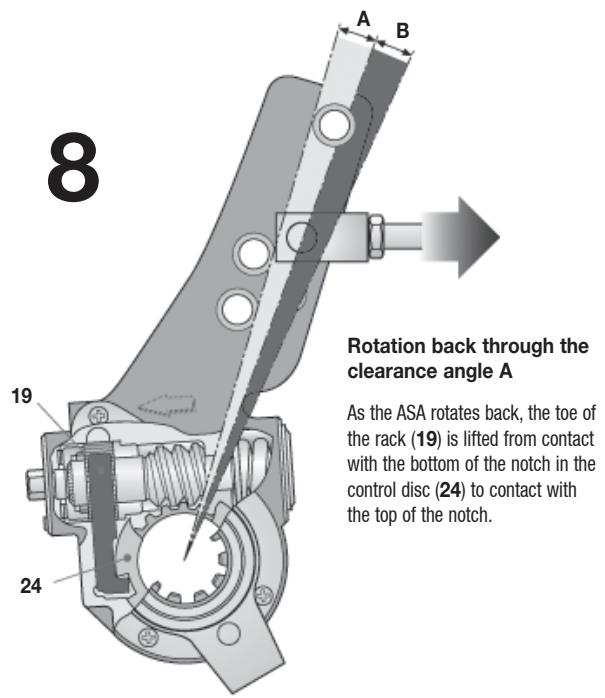
1. Automatic Slack Adjuster - Explanation of Operation

1



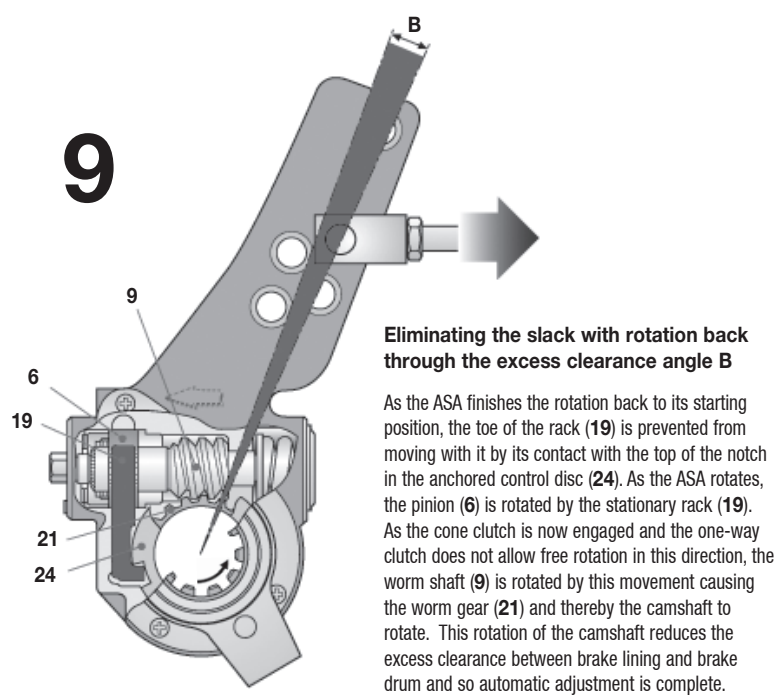
Rotation back into the clearance angle A

As the pressure of the brake linings on the drum drops, so does the torque on the camshaft, worm gear (21) and worm shaft (9), allowing the coil spring (14) to re-extend and push the worm shaft back into the cone clutch housing (4), thus re-engaging the cone clutch.



Rotation back through the clearance angle A

As the ASA rotates back, the toe of the rack (19) is lifted from contact with the bottom of the notch in the control disc (24) to contact with the top of the notch.



Eliminating the slack with rotation back through the excess clearance angle B

As the ASA finishes the rotation back to its starting position, the toe of the rack (19) is prevented from moving with it by its contact with the top of the notch in the anchored control disc (24). As the ASA rotates, the pinion (6) is rotated by the stationary rack (19). As the cone clutch is now engaged and the one-way clutch does not allow free rotation in this direction, the worm shaft (9) is rotated by this movement causing the worm gear (21) and thereby the camshaft to rotate. This rotation of the camshaft reduces the excess clearance between brake lining and brake drum and so automatic adjustment is complete.

Introduction

For information on where to find the part number on the slack adjuster see Section 5. Each part number shown in this section of the manual is represented by three images.

Image 1 - Photograph of the listed part.

It shows the general appearance of the slack adjuster and the angle of the photograph is such that the offset and inclination of the body can be easily discerned.

Image 2 - Front view drawing.

The distance from the centre of the worm gear to the centre of the clevis pin hole(s) is indicated in millimetres.

The angle of the control arm (alpha (α) angle) is measured as follows:

1. The arm is pushed as far as possible in the direction of the arrow located on the slack adjuster arm; with the cover plate facing you this should always be anti-clockwise.
2. The angle is measured from a line drawn from the centre of the worm gear in the opposite direction to the hexagonal nut to the centre line of the hole/slot in the control arm (see diagram for Image 2 - in the example shown the angle is 110°).

Image 3 - Side view drawing.

The overall length, shown in millimetres, does not include the control arm extension. The internal diameter of each clevis pin bush is shown in millimetres. A dimension shown applies to the bush and any bush at a smaller radius. Sometimes the outer hole in trailer slack adjusters is used for a mechanical hand brake attachment, often without a bush, and in this case is a larger size (see diagram for Image 3 - in the example shown the outer hole has a diameter of 16.2mm and the inner two have a bush diameter of 14.2mm).

If the body casting is offset this measurement is taken as follows:

Take the distance from the centre of the body casting where the hexagon nut extends to the centre of the casting at the last clevis pin hole (38mm in the example shown). "-" indicates that the offset is to the right when viewing the hexagon nut and "+" indicates that the offset is to the left.

To the right of the three images is information concerning the listed part:

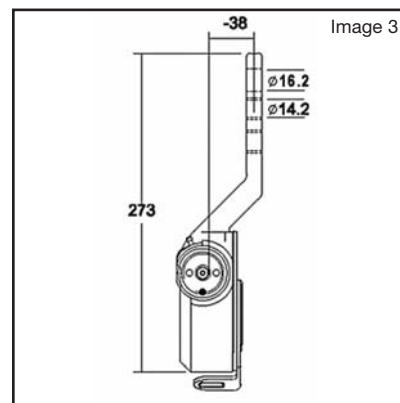
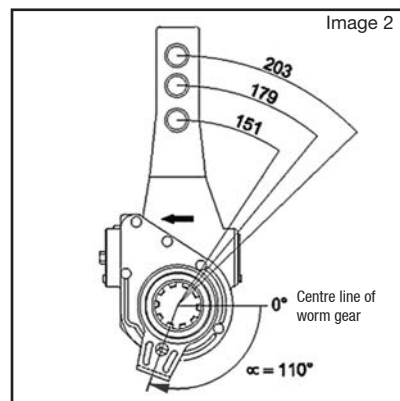
"To fit:" gives details of the Original Equipment vehicle application.

"OEM number:" shows the part number of the Original Equipment Manufacturer (OEM). Other manufacturer numbers can be found in Section 7.

"Haldex equivalent:" gives the part number of the equivalent automatic slack adjuster made by Haldex.

"Spline Type:" shows the specification of the mounting spline.

"Opposite hand:" gives the part number of the matching opposite hand adjuster for units with an offset.



To fit:

SAF Steer Axle

OEM number:

4175014954

Haldex equivalent:

72087

Spline Type:

10 SAE 1-1/2" - 10c

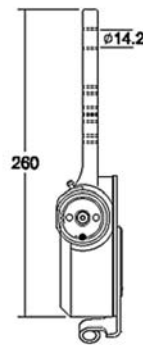
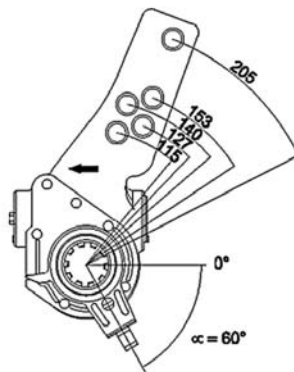
Opposite hand:

KB1155

ALL DIMENSIONS ARE IN MILLIMETRES

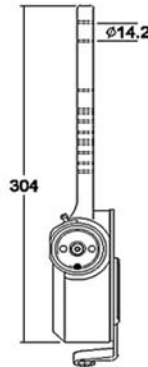
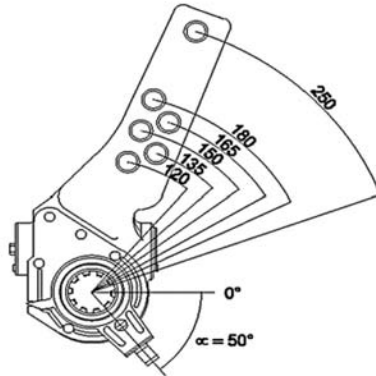
2. Automatic Slack Adjusters

KB1000



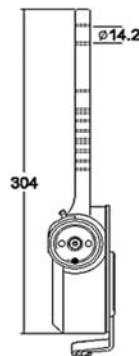
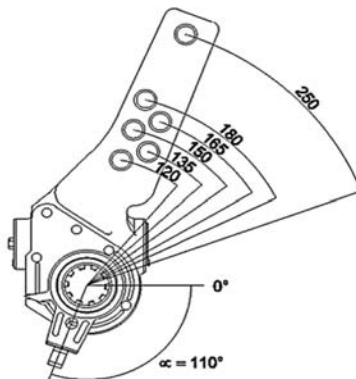
To fit:
Meritor Axle Fast Fit
 OEM number:
21223694
 Haldex equivalent:
72788
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB1005



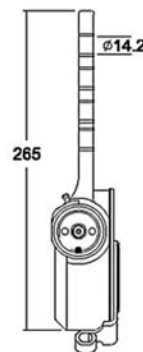
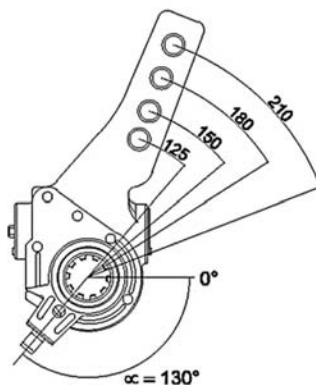
To fit:
BPW Axle Fast Fit
 OEM number:
0517482212
 Haldex equivalent:
72875
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB1010



To fit:
BPW Axle Fast Fit
 OEM number:
0517482212
 Haldex equivalent:
72876
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB1015



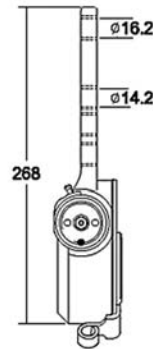
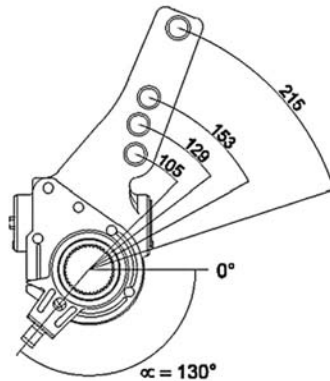
To fit:
Trailer Axle Fast Fit
 OEM number:
9002105
 Haldex equivalent:
79023
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

ALL DIMENSIONS ARE IN MILLIMETRES

OEM part numbers used in this catalogue are for cross reference purposes only and do not imply anything about the origin or manufacturer of the product.

2. Automatic Slack Adjusters

KB1020



To fit:
Fruehauf Axle Fast Fit

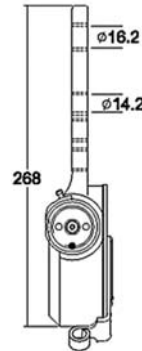
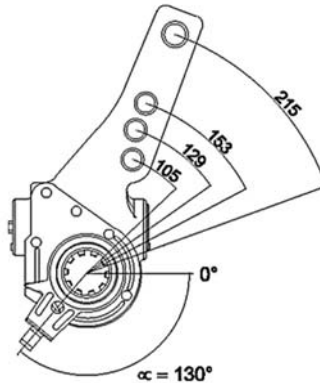
OEM number:
AJB0743001

Haldex equivalent:
79022

Spline Type:
37 ANSI-B92.1

Opposite hand:
-

KB1025



To fit:
SMB Axle Fast Fit

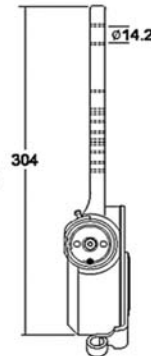
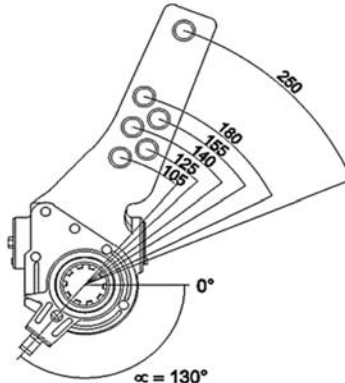
OEM number:
MO02416

Haldex equivalent:
79004

Spline Type:
10 SAE 1-1/2" - 10c

Opposite hand:
-

KB1030



To fit:
SAF Axle Fast Fit

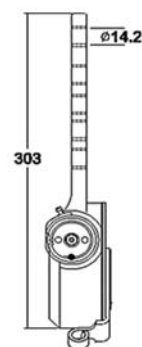
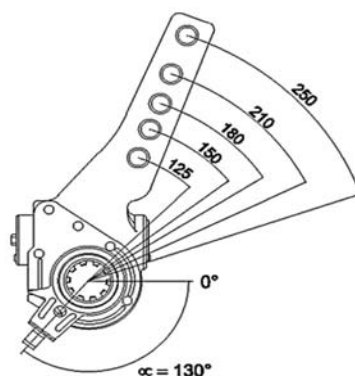
OEM number:
4175024900

Haldex equivalent:
79005

Spline Type:
10 SAE 1-1/2" - 10c

Opposite hand:
-

KB1035



To fit:
SAF Axle Fast Fit

OEM number:
4175024000

Haldex equivalent:
72948

Spline Type:
10 SAE 1-1/2" - 10c

Opposite hand:
-

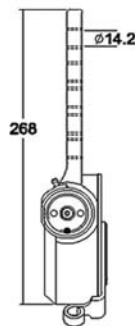
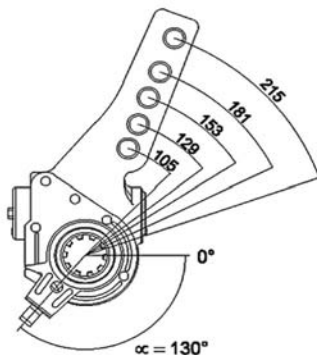
ALL DIMENSIONS ARE IN MILLIMETRES

OEM part numbers used in this catalogue are for cross reference purposes only and do not imply anything about the origin or manufacturer of the product.

2. Automatic Slack Adjusters

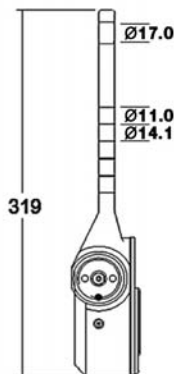
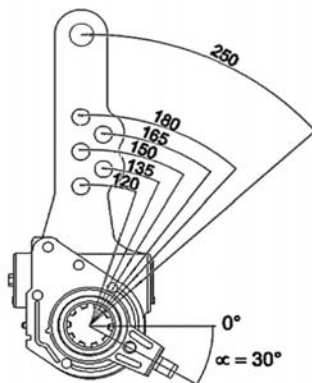
2

KB1040



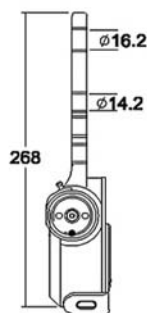
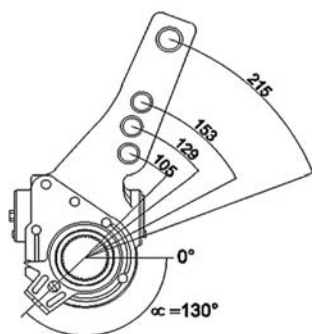
To fit:
SAF Axle Fast Fit
 OEM number:
4175024800
 Haldex equivalent:
79035
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB1045



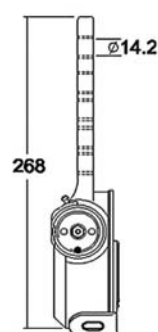
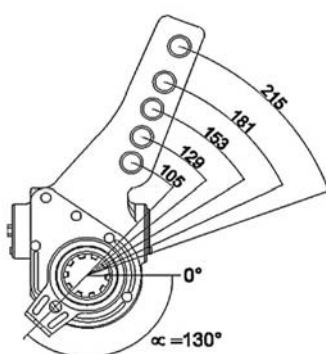
To fit:
BPW Axle Fast Fit
 OEM number:
0517482212
 Haldex equivalent:
 -
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB1050



To fit:
Fruehauf Axle
 OEM number:
AJB0092001
 Haldex equivalent:
72266
 Spline Type:
37 ANSI-B92.1
 Opposite hand:
 -

KB1055



To fit:
Meritor Axle
 OEM number:
21217569
 Haldex equivalent:
72261
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

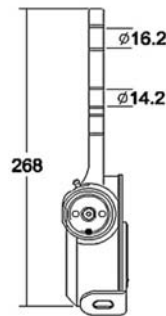
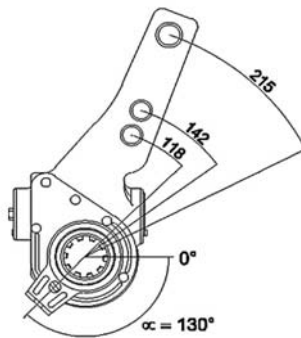
ALL DIMENSIONS ARE IN MILLIMETRES

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2. Automatic Slack Adjusters

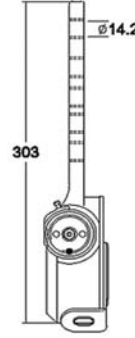
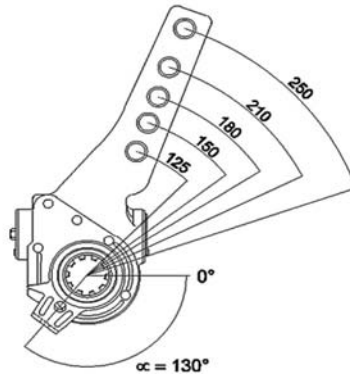
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KB1070



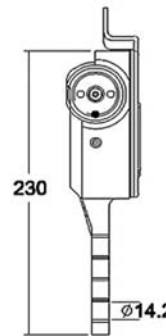
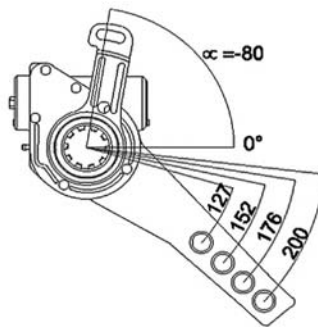
To fit:
Meritor Axle
 OEM number:
21217568
 Haldex equivalent:
72359
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB1075



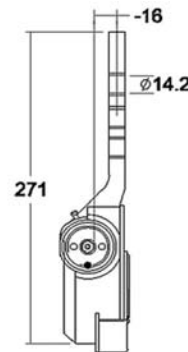
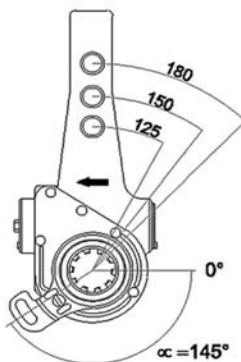
To fit:
SAF Axle
 OEM number:
4175008501
 Haldex equivalent:
72250
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB1080



To fit:
SAF Axle
 OEM number:
4175014100
 Haldex equivalent:
70949
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB1085



To fit:
Meritor Steer Axle
 OEM number:
21229280
 Haldex equivalent:
79097
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB1090

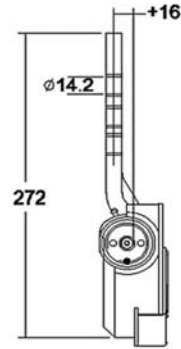
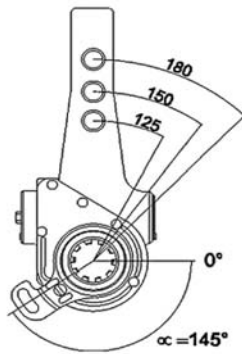
ALL DIMENSIONS ARE IN MILLIMETRES

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2. Automatic Slack Adjusters

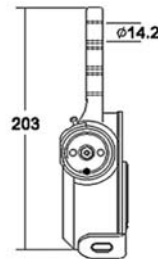
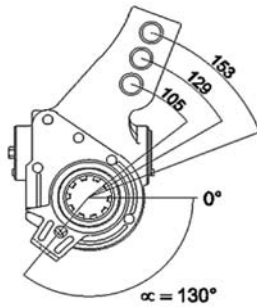
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KB1090



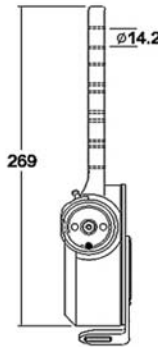
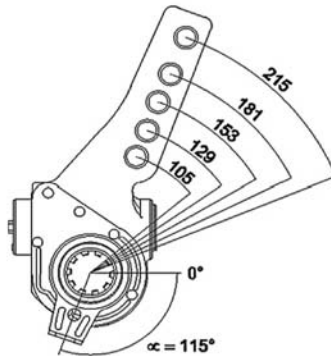
To fit:
Meritor Steer Axle
 OEM number:
21229281
 Haldex equivalent:
79098
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB1085

KB1095



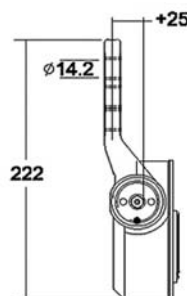
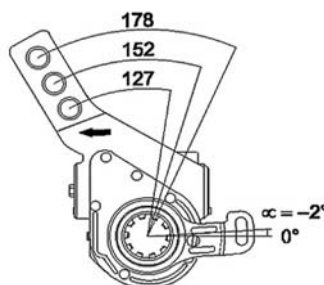
To fit:
SAF Axle
 OEM number:
4175024700
 Haldex equivalent:
79006
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB1100



To fit:
BPW Axle
 OEM number:
 -
 Haldex equivalent:
72282
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB1110



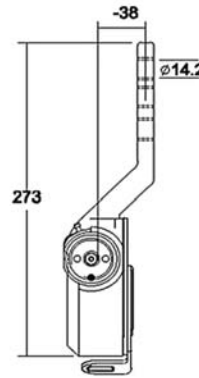
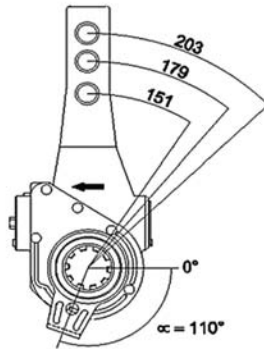
To fit:
SAF Steer Axle
 OEM number:
4175014000
 Haldex equivalent:
72239
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB1160

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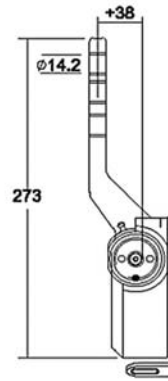
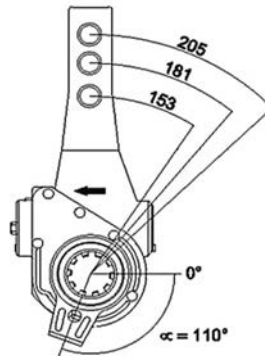
2. Automatic Slack Adjusters

KB1115



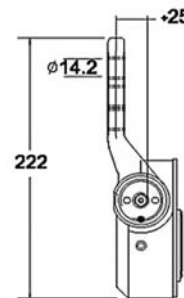
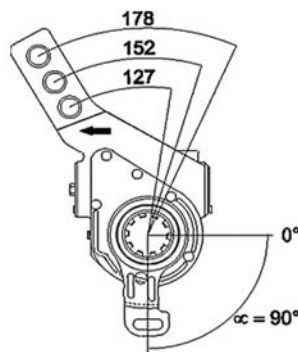
To fit:
Meritor Steer Axle
 OEM number:
21229250
 Haldex equivalent:
70802
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB1120

KB1120



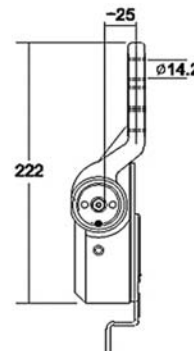
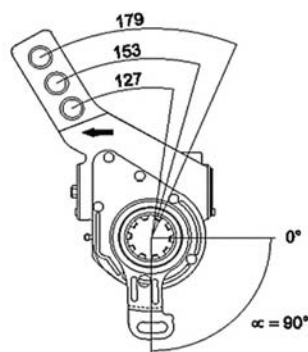
To fit:
Meritor Steer Axle
 OEM number:
21229251
 Haldex equivalent:
70803
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB1115

KB1130



To fit:
SAF Steer Axle
 OEM number:
4175015000
 Haldex equivalent:
72008
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB1135

KB1135



To fit:
SAF Steer Axle
 OEM number:
4175014900
 Haldex equivalent:
72007
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB1130

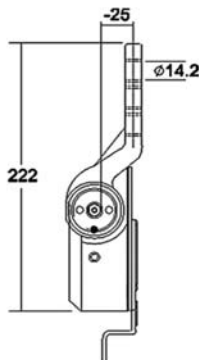
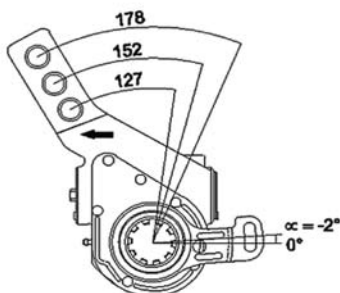
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2. Automatic Slack Adjusters

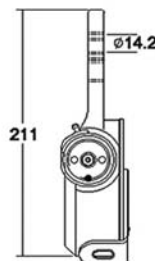
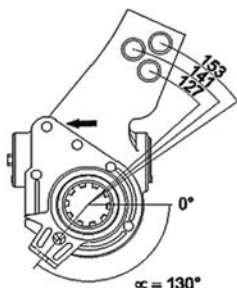
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KB1160



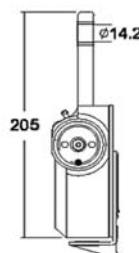
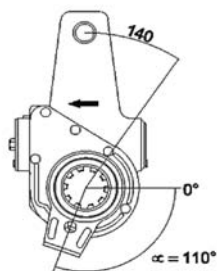
To fit:
SAF Steer Axle
 OEM number:
4175013900
 Haldex equivalent:
72238
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB1110

KB1170



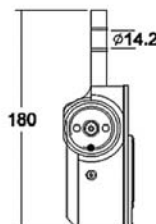
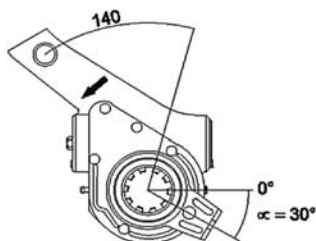
To fit:
Meritor Axle
 OEM number:
21229290
 Haldex equivalent:
79183
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB2000



To fit:
DAF Truck and Bus
 OEM number:
 -
 Haldex equivalent:
70823
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB2005



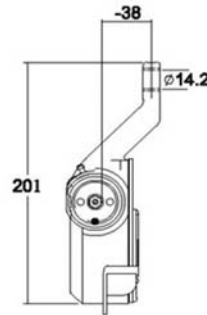
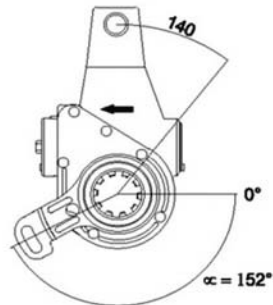
To fit:
DAF Truck and Bus
 OEM number:
 -
 Haldex equivalent:
70871
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

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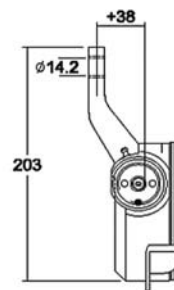
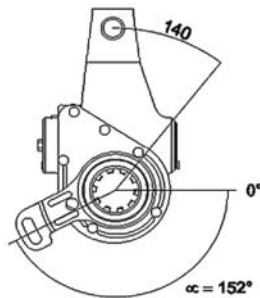
2. Automatic Slack Adjusters

KB2010



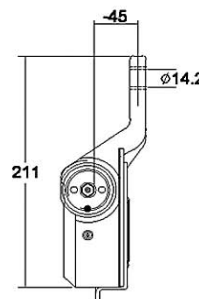
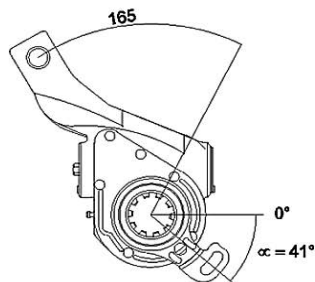
To fit:
DAF Truck and Bus
 OEM number:
0159556
 Haldex equivalent:
72523
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2015

KB2015



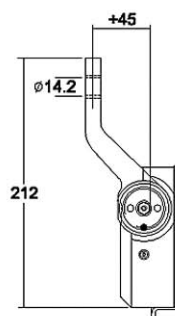
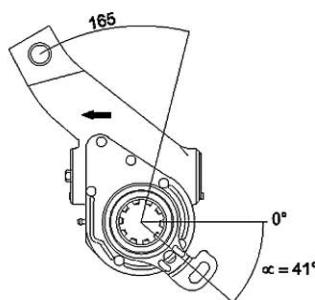
To fit:
DAF Truck and Bus
 OEM number:
0159557
 Haldex equivalent:
72524
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2010

KB2020



To fit:
DAF Truck
 OEM number:
0159589
 Haldex equivalent:
72538
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2025

KB2025



To fit:
DAF Truck
 OEM number:
0159590
 Haldex equivalent:
72539
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2020

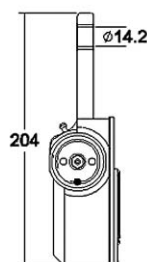
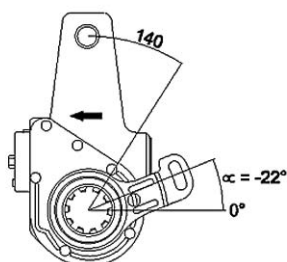
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2. Automatic Slack Adjusters

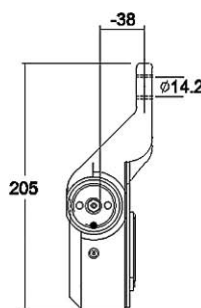
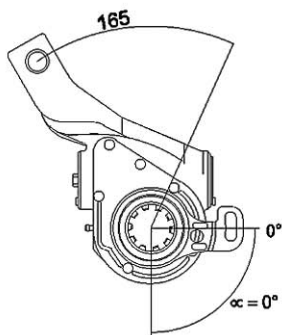
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KB2030



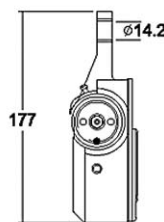
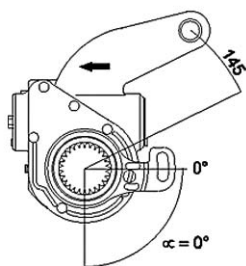
To fit:
DAF Truck and Bus
 OEM number:
0537538
 Haldex equivalent:
72534
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB2035



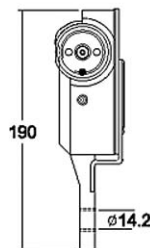
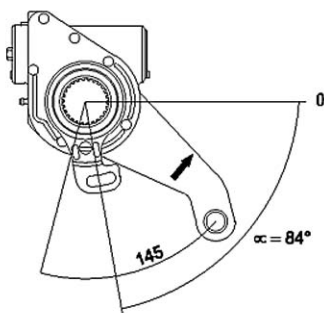
To fit:
DAF Truck
 OEM number:
0159562
 Haldex equivalent:
72543
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2105

KB2040



To fit:
Mercedes Bus
 OEM number:
357 420 05 38
 Haldex equivalent:
72059
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
 -

KB2045



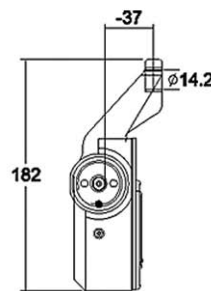
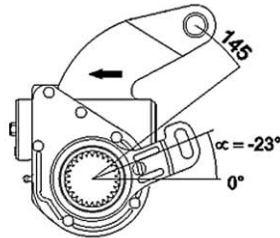
To fit:
Mercedes Truck and Bus
 OEM number:
617 420 02 38
 Haldex equivalent:
70954
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
 -

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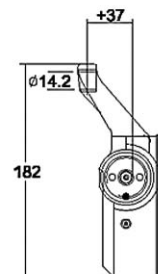
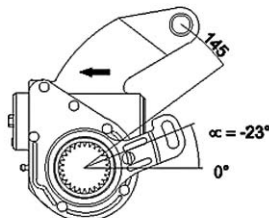
2. Automatic Slack Adjusters

KB2050



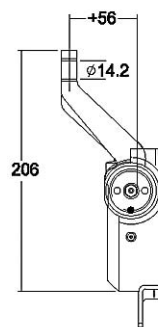
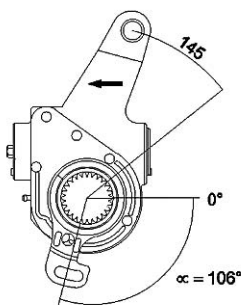
To fit:
Mercedes Truck
 OEM number:
652 420 01 38
 Haldex equivalent:
72594
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB2055

KB2055



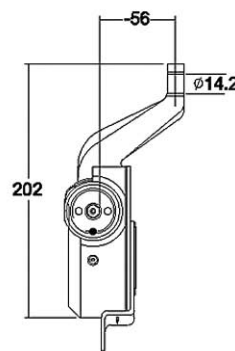
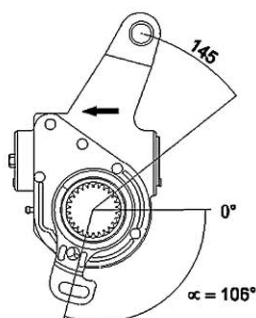
To fit:
Mercedes Truck
 OEM number:
652 420 00 38
 Haldex equivalent:
72593
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB2050

KB2060



To fit:
Mercedes Truck
 OEM number:
617 420 04 38
 Haldex equivalent:
70953
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB2065

KB2065



To fit:
Mercedes Truck
 OEM number:
617 420 03 38
 Haldex equivalent:
70952
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB2060

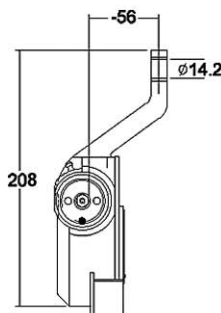
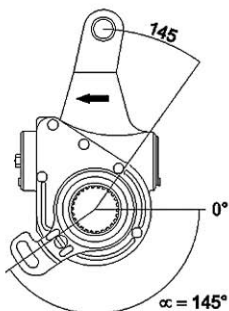
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2. Automatic Slack Adjusters

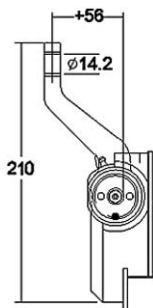
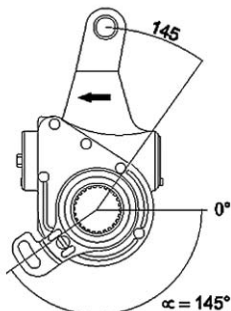
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KB2070



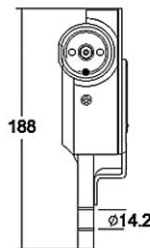
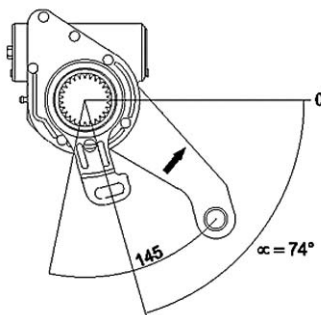
To fit:
MAN Truck
 OEM number:
81.50610-6211
 Haldex equivalent:
79208
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB2075

KB2075



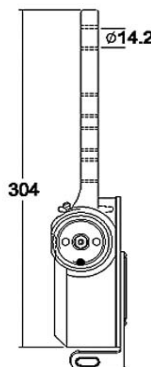
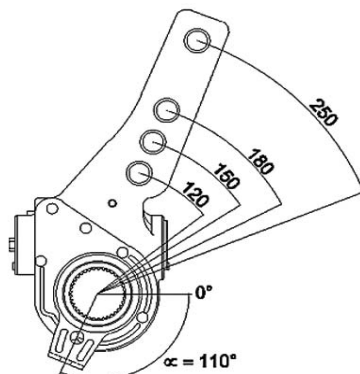
To fit:
MAN Truck
 OEM number:
81.50610-6210
 Haldex equivalent:
79209
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB2070

KB2080



To fit:
MAN Truck and Bus
 OEM number:
81.50610-6231
 Haldex equivalent:
79212
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
 -

KB2085



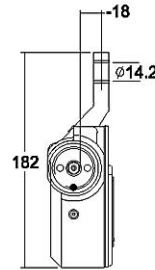
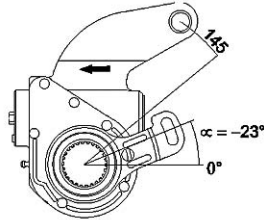
To fit:
Kässbohrer
 OEM number:
8238000835
 Haldex equivalent:
72758
 Spline Type:
37 DIN 5481
 Opposite hand:
 -

ALL DIMENSIONS ARE IN MILLIMETRES

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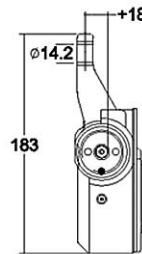
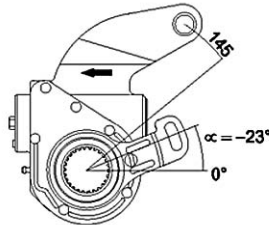
2. Automatic Slack Adjusters

KB2090



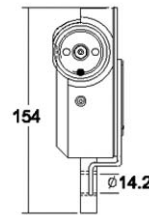
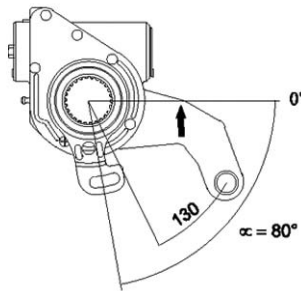
To fit:
MAN Truck
 OEM number:
81.50610-6212
 Haldex equivalent:
79211
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB2095

KB2095



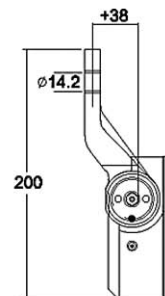
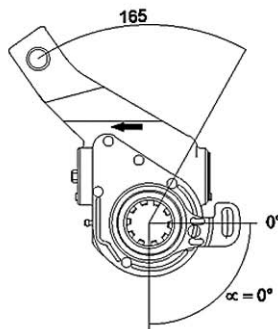
To fit:
MAN Truck
 OEM number:
81.50610-6213
 Haldex equivalent:
79210
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB2090

KB2100



To fit:
Mercedes Bus
 OEM number:
307 420 03 38
 Haldex equivalent:
70775
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
 -

KB2105



To fit:
DAF Truck
 OEM number:
0159561
 Haldex equivalent:
72542
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2035

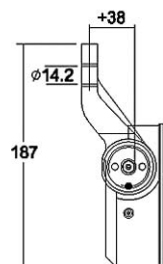
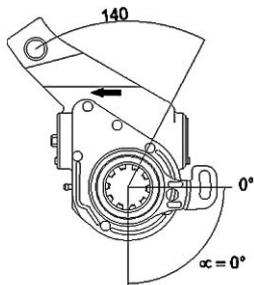
ALL DIMENSIONS ARE IN MILLIMETRES

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2. Automatic Slack Adjusters

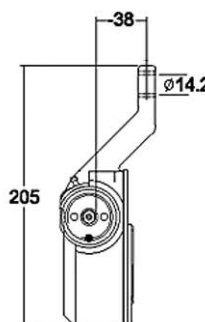
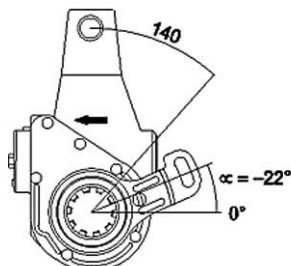
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KB2110



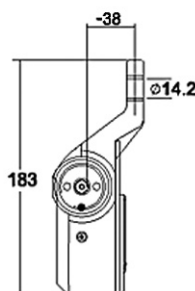
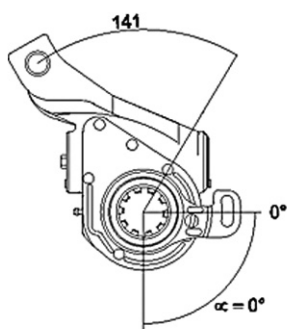
To fit:
DAF Truck and Bus
 OEM number:
0159587
 Haldex equivalent:
72536
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2120

KB2115



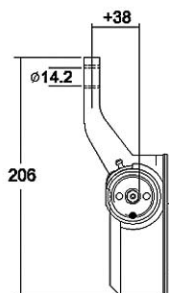
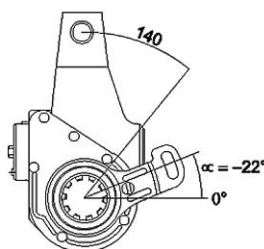
To fit:
DAF Truck and Bus
 OEM number:
0159558
 Haldex equivalent:
72525
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2125

KB2120



To fit:
DAF Truck and Bus
 OEM number:
0159588
 Haldex equivalent:
72537
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2110

KB2125



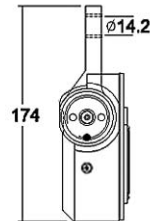
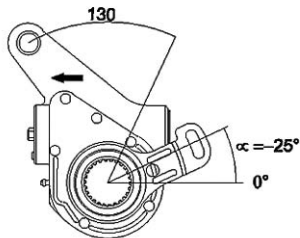
To fit:
DAF Truck and Bus
 OEM number:
0159559
 Haldex equivalent:
72526
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2115

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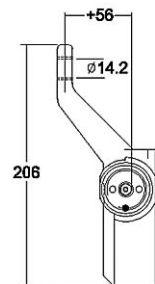
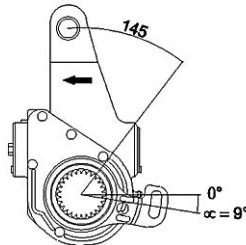
2. Automatic Slack Adjusters

KB2130



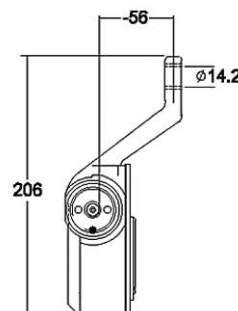
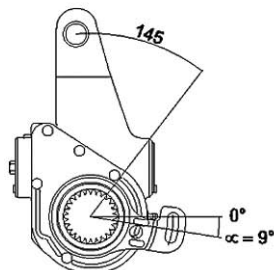
To fit:
Mercedes Bus
 OEM number:
301 420 11 38
 Haldex equivalent:
72213
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
 -

KB2135



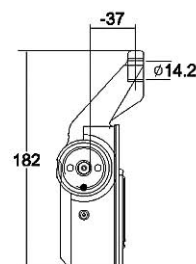
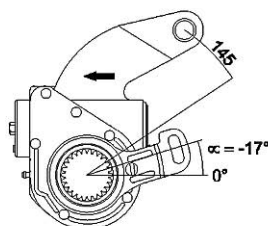
To fit:
Mercedes Truck
 OEM number:
383 420 04 38
 Haldex equivalent:
72036
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB2140

KB2140



To fit:
Mercedes Truck
 OEM number:
383 420 05 38
 Haldex equivalent:
72037
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB2135

KB2145



To fit:
Mercedes Truck
 OEM number:
619 420 01 38
 Haldex equivalent:
72063
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB2165

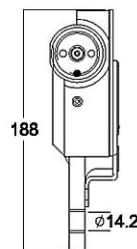
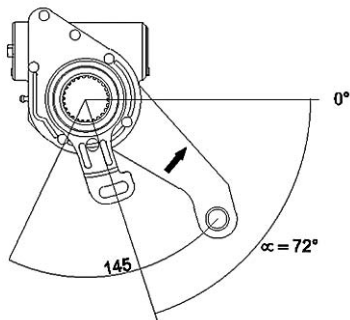
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2. Automatic Slack Adjusters

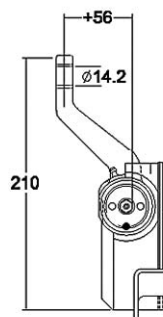
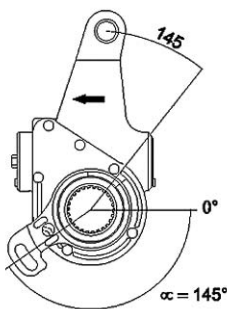
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KB2150



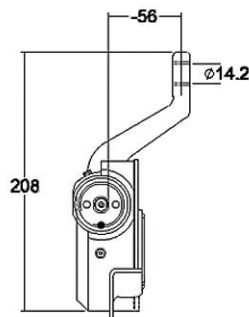
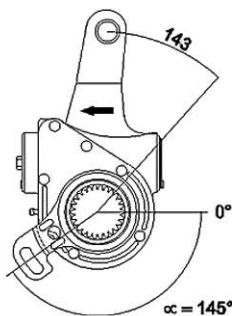
To fit:
Mercedes Truck
 OEM number:
389 420 07 38
 Haldex equivalent:
70867
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
 -

KB2155



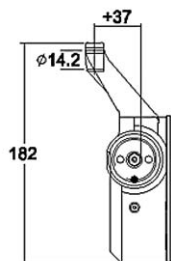
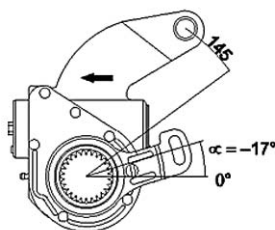
To fit:
Mercedes Truck
 OEM number:
387 420 01 38
 Haldex equivalent:
72174
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB2160

KB2160



To fit:
Mercedes Truck
 OEM number:
387 420 00 38
 Haldex equivalent:
72173
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB2155

KB2165



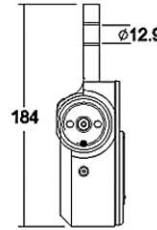
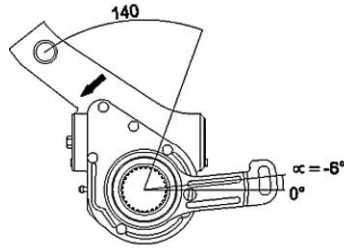
To fit:
Mercedes Truck
 OEM number:
619 420 00 38
 Haldex equivalent:
72062
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB2145

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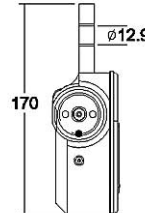
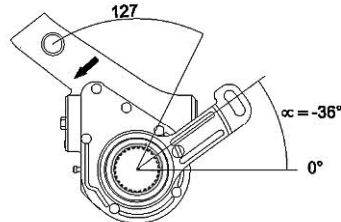
2. Automatic Slack Adjusters

KB2170



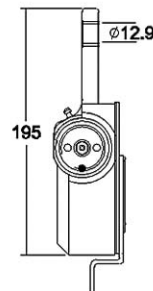
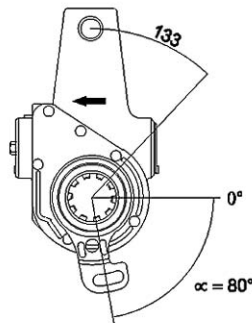
To fit:
Foden Truck
 OEM number:
2700021000
 Haldex equivalent:
72181
 Spline Type:
28 ANSI-B92.1 - 1996
 Opposite hand:
 -

KB2175



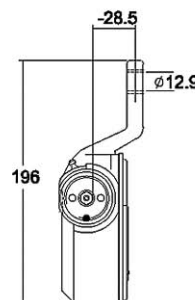
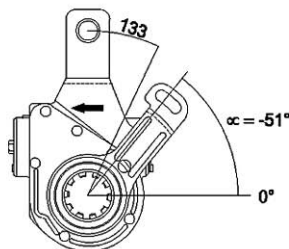
To fit:
Foden Truck
 OEM number:
2700046000
 Haldex equivalent:
72199
 Spline Type:
28 ANSI-B92.1 - 1996
 Opposite hand:
 -

KB2180



To fit:
Leyland Truck
 OEM number:
ACU8347
 Haldex equivalent:
72406
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB2185



To fit:
Leyland Truck
 OEM number:
ACU8344
 Haldex equivalent:
72403
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2190

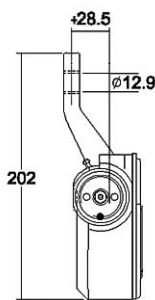
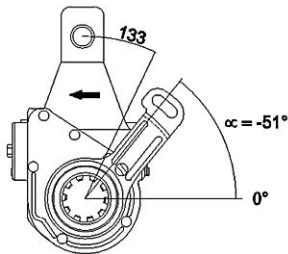
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2. Automatic Slack Adjusters

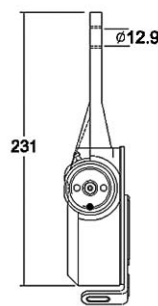
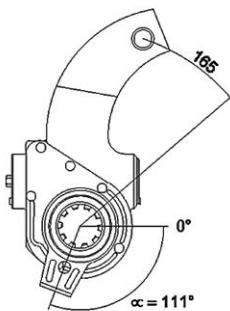
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KB2190



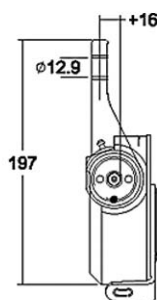
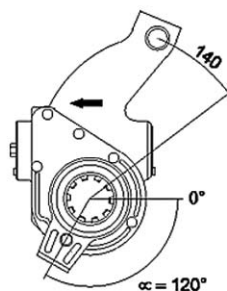
To fit:
Leyland Truck
 OEM number:
ACU8345
 Haldex equivalent:
72404
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2185

KB2195



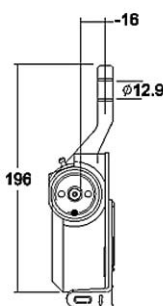
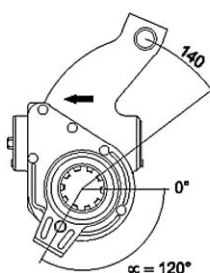
To fit:
Leyland Bus
 OEM number:
BCU5536
 Haldex equivalent:
72422
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB2200



To fit:
Leyland Bus
 OEM number:
BCU5534
 Haldex equivalent:
72420
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2205

KB2205



To fit:
Leyland Bus
 OEM number:
BCU5535
 Haldex equivalent:
72421
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2200

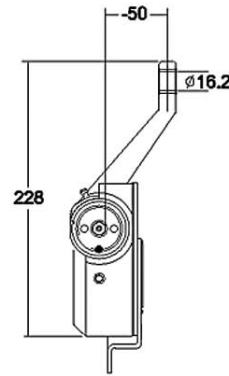
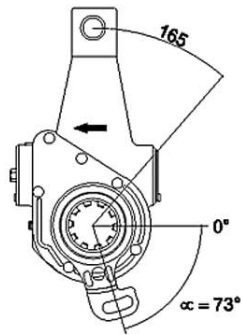
ALL DIMENSIONS ARE IN MILLIMETRES

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2. Automatic Slack Adjusters

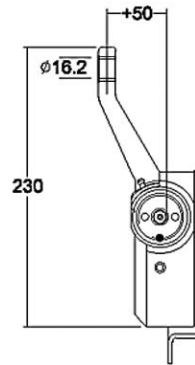
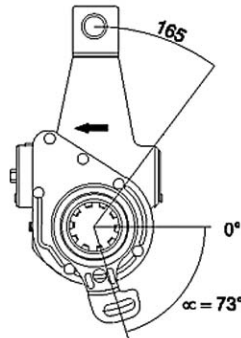
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KB2210



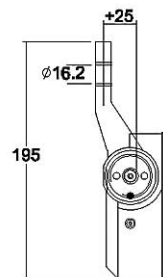
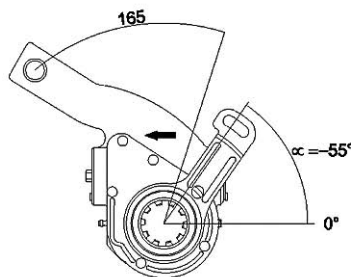
To fit:
Scania Truck and Bus
 OEM number:
1112830
 Haldex equivalent:
72664
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2215

KB2215



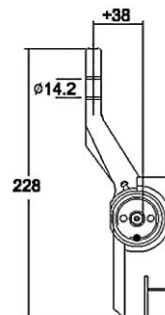
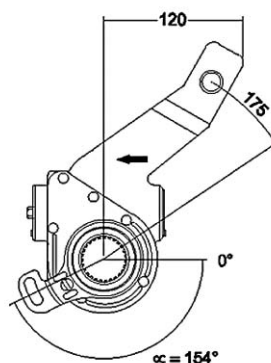
To fit:
Scania Truck and Bus
 OEM number:
1112829
 Haldex equivalent:
72663
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2210

KB2220



To fit:
Scania Truck and Bus
 OEM number:
1112833
 Haldex equivalent:
72660
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2260

KB2225



To fit:
Renault Truck and Bus
 OEM number:
5000 789 894
 Haldex equivalent:
79015
 Spline Type:
27 E22-151 BNA-42 x 1.5
 Opposite hand:
KB2245

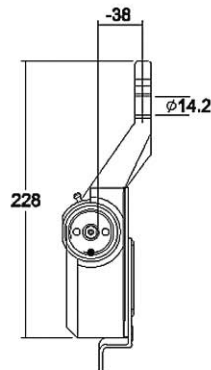
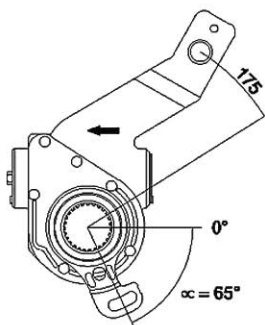
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2. Automatic Slack Adjusters

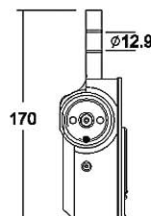
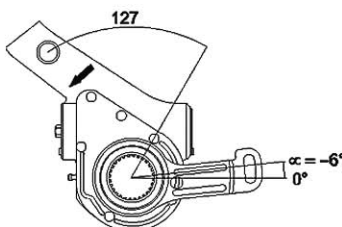
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KB2230



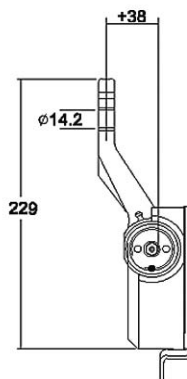
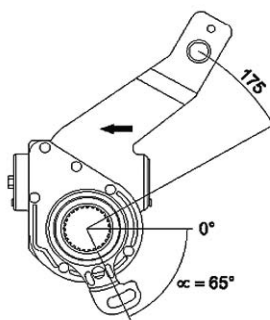
To fit:
Renault Truck
 OEM number:
5010 056 686
 Haldex equivalent:
79014
 Spline Type:
27 E22-151 BNA-42 x 1.5
 Opposite hand:
KB2240

KB2235



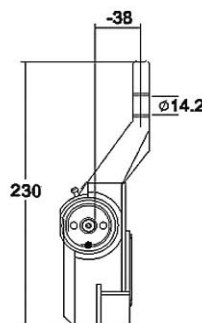
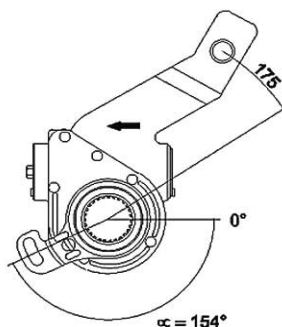
To fit:
Foden Truck
 OEM number:
2700020000
 Haldex equivalent:
72180
 Spline Type:
28 ANSI-B92.1 - 1996
 Opposite hand:
 -

KB2240



To fit:
Renault Truck
 OEM number:
5010 056 685
 Haldex equivalent:
79013
 Spline Type:
27 E22-151 BNA-42 x 1.5
 Opposite hand:
KB2230

KB2245



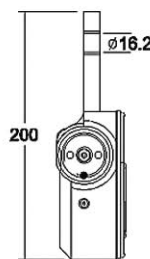
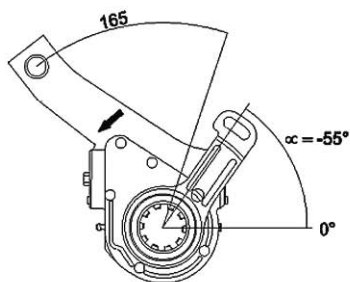
To fit:
Renault Truck and Bus
 OEM number:
5000 789 895
 Haldex equivalent:
79016
 Spline Type:
27 E22-151 BNA-42 x 1.5
 Opposite hand:
KB2225

ALL DIMENSIONS ARE IN MILLIMETRES

OEM part numbers used in this catalogue are for cross reference purposes only and do not imply anything about the origin or manufacturer of the product.

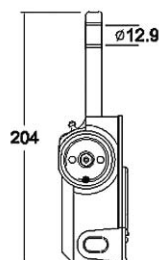
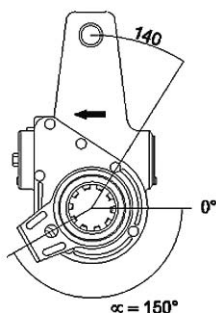
2. Automatic Slack Adjusters

KB2250



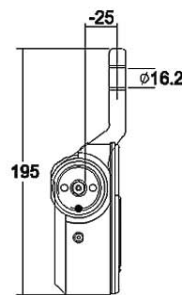
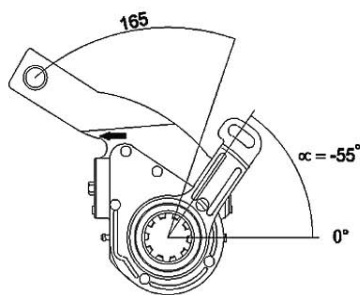
To fit:
Scania Truck and Bus
 OEM number:
1112831
 Haldex equivalent:
72662
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB2255



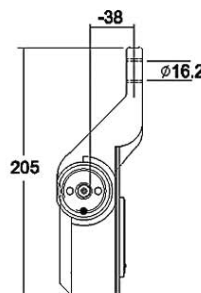
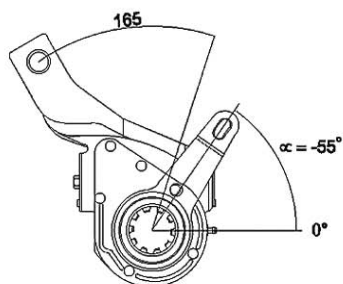
To fit:
Volvo Bus
 OEM number:
1135004
 Haldex equivalent:
72667
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB2260



To fit:
Scania Truck and Bus
 OEM number:
1112834
 Haldex equivalent:
72661
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2220

KB2265



To fit:
Scania Truck and Bus
 OEM number:
218834
 Haldex equivalent:
72745
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2270

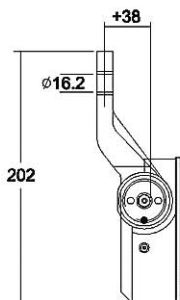
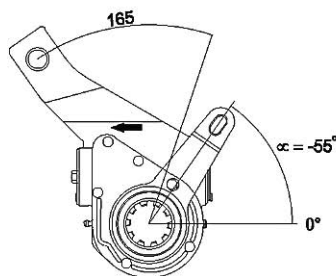
ALL DIMENSIONS ARE IN MILLIMETRES

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2. Automatic Slack Adjusters

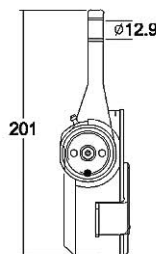
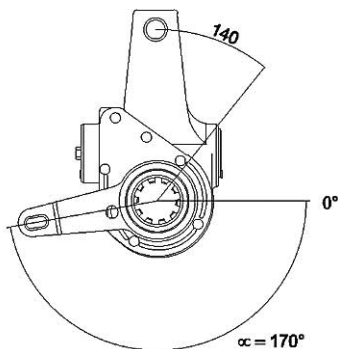
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KB2270



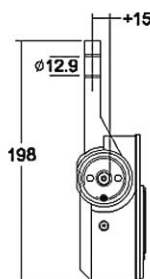
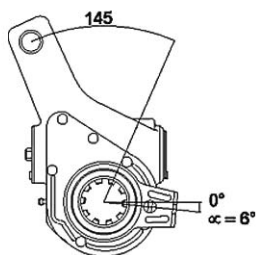
To fit:
Scania Truck and Bus
 OEM number:
218833
 Haldex equivalent:
72744
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2265

KB2275



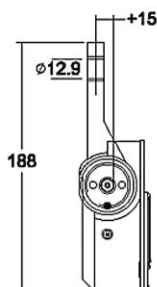
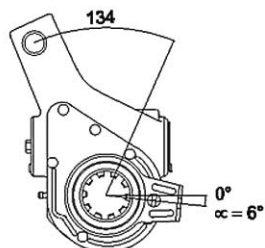
To fit:
Volvo Bus
 OEM number:
1196321
 Haldex equivalent:
72678
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB2280



To fit:
Volvo Bus
 OEM number:
1195461
 Haldex equivalent:
72782
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2300

KB2285



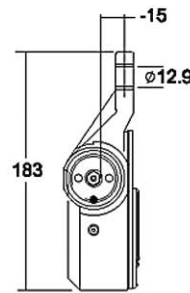
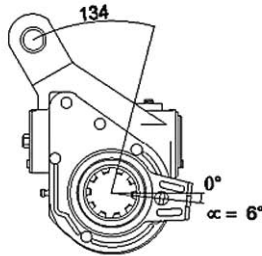
To fit:
Volvo Bus
 OEM number:
1136432
 Haldex equivalent:
72723
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2290

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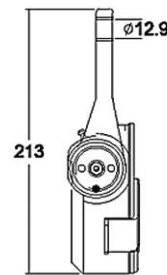
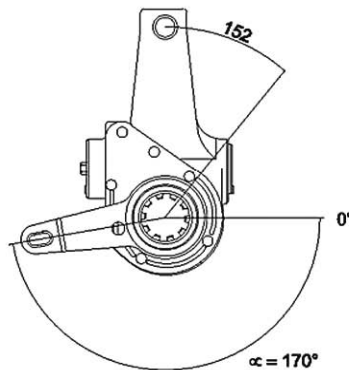
2. Automatic Slack Adjusters

KB2290



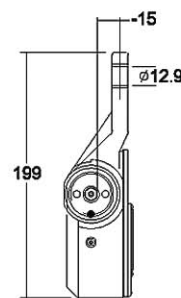
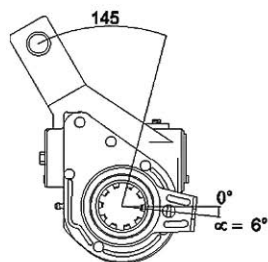
To fit:
Volvo Bus
 OEM number:
1136433
 Haldex equivalent:
72724
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2285

KB2295



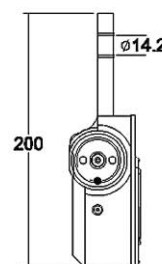
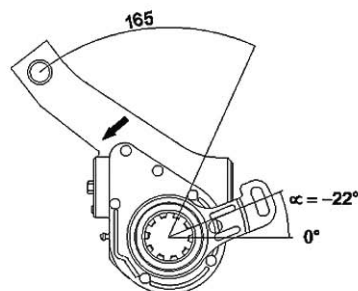
To fit:
Volvo Bus
 OEM number:
1196322
 Haldex equivalent:
72726
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB2300



To fit:
Volvo Bus
 OEM number:
1195462
 Haldex equivalent:
72783
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2280

KB2305



To fit:
DAF Truck
 OEM number:
0159591
 Haldex equivalent:
72540
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

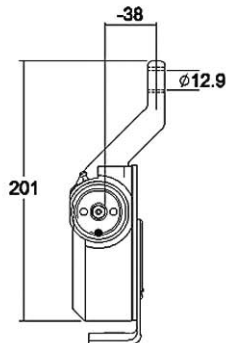
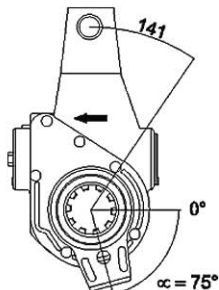
ALL DIMENSIONS ARE IN MILLIMETRES

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2. Automatic Slack Adjusters

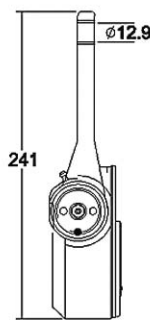
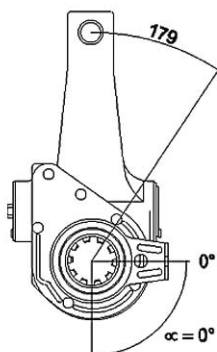
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KB2310



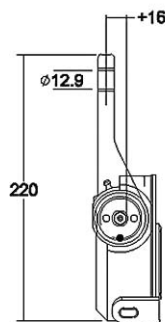
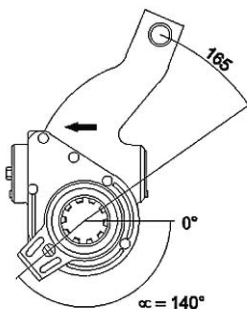
To fit:
MCW Bus
 OEM number:
 -
 Haldex equivalent:
70893
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2700

KB2315



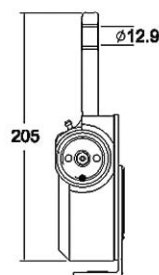
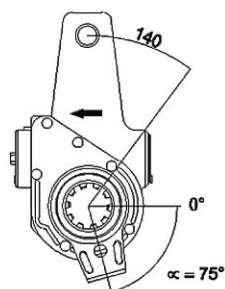
To fit:
Leyland Bus
 OEM number:
ACU3629
 Haldex equivalent:
70945
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB2320



To fit:
Leyland Bus
 OEM number:
10889962
 Haldex equivalent:
70626
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2435

KB2325



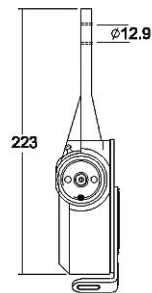
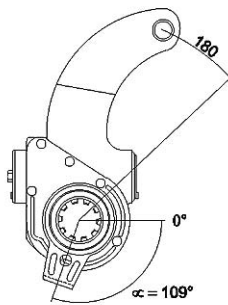
To fit:
Dennis Bus
 OEM number:
611484
 Haldex equivalent:
70859
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

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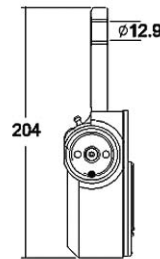
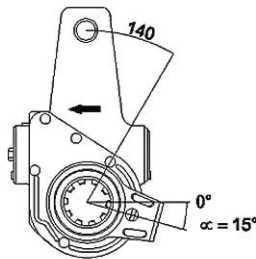
2. Automatic Slack Adjusters

KB2330



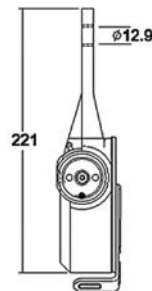
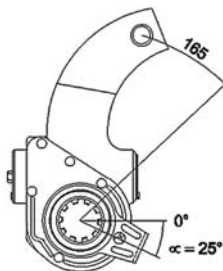
To fit:
Leyland Bus
 OEM number:
10901188
 Haldex equivalent:
70624
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB2335



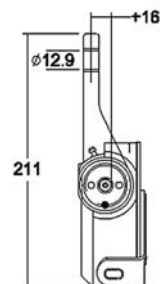
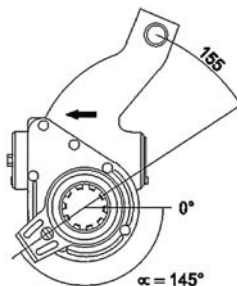
To fit:
Dennis Bus
 OEM number:
651777
 Haldex equivalent:
72367
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB2340



To fit:
Leyland Bus
 OEM number:
BCU5769
 Haldex equivalent:
72441
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB2345



To fit:
Leyland Bus
 OEM number:
BCU5767
 Haldex equivalent:
72439
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2350

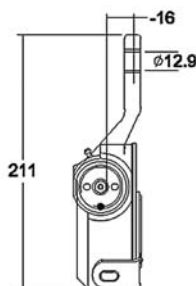
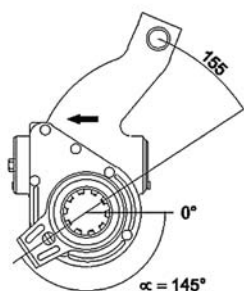
ALL DIMENSIONS ARE IN MILLIMETRES

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2. Automatic Slack Adjusters

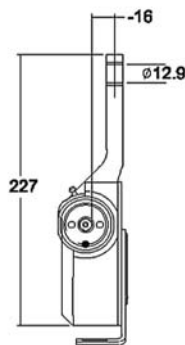
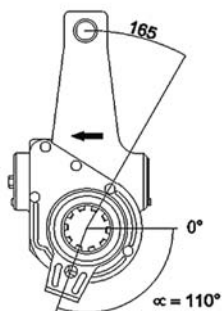
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KB2350



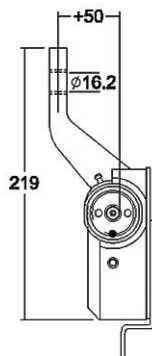
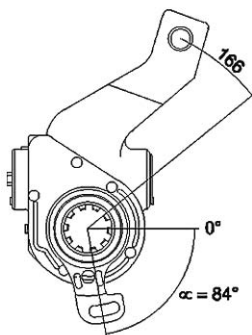
To fit:
Leyland Bus
 OEM number:
BCU5768
 Haldex equivalent:
72440
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2345

KB2355



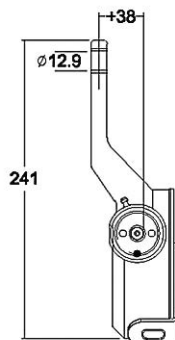
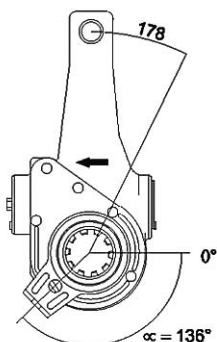
To fit:
Leyland Bus
 OEM number:
10901199
 Haldex equivalent:
70583
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2390

KB2360



To fit:
Scania Bus
 OEM number:
1112839
 Haldex equivalent:
72825
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2595

KB2365



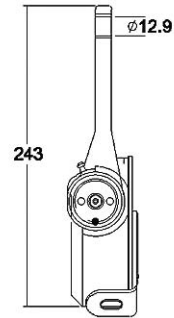
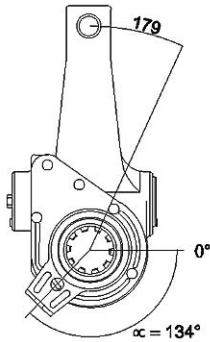
To fit:
Leyland Bus
 OEM number:
10907246
 Haldex equivalent:
70512
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2655

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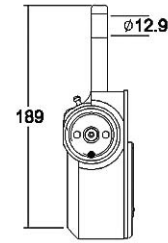
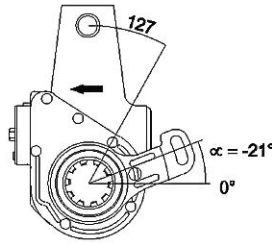
2. Automatic Slack Adjusters

KB2370



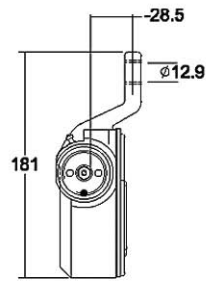
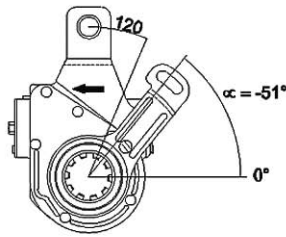
To fit:
Leyland Bus
 OEM number:
10891012
 Haldex equivalent:
70634
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB2375



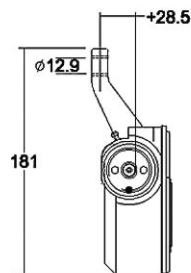
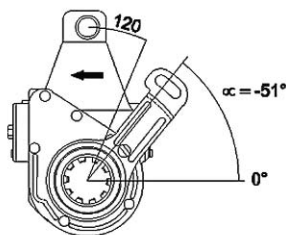
To fit:
Dennis Bus
 OEM number:
651623
 Haldex equivalent:
72364
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB2380



To fit:
Leyland Truck
 OEM number:
ACU8342
 Haldex equivalent:
72401
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2385

KB2385



To fit:
Leyland Truck
 OEM number:
ACU8343
 Haldex equivalent:
72402
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2380

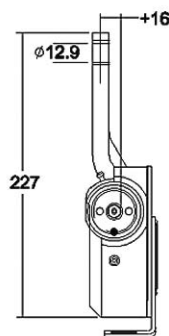
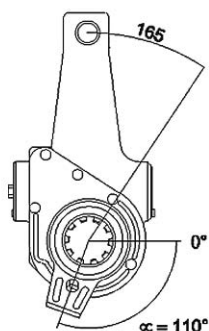
ALL DIMENSIONS ARE IN MILLIMETRES

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2. Automatic Slack Adjusters

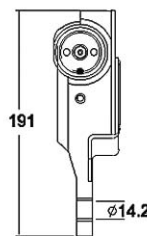
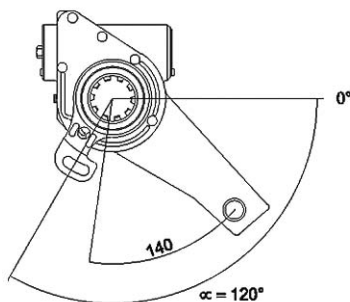
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KB2390



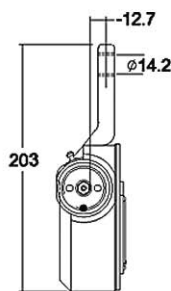
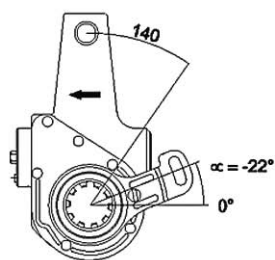
To fit:
Leyland Bus
 OEM number:
10901200
 Haldex equivalent:
70582
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2355

KB2395



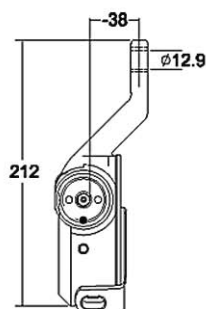
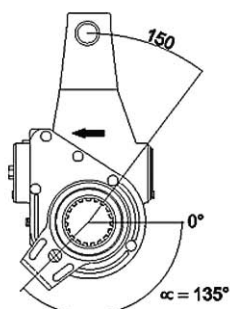
To fit:
DAF Truck and Bus
 OEM number:
0159577
 Haldex equivalent:
72548
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB2400



To fit:
DAF Truck and Bus
 OEM number:
0740321
 Haldex equivalent:
72608
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2425

KB2405



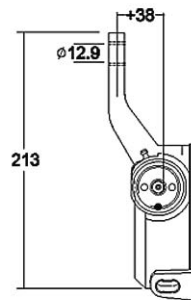
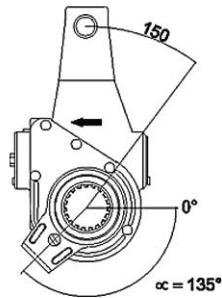
To fit:
Hino Truck
 OEM number:
474801790
 Haldex equivalent:
12254
 Spline Type:
19 DIN - 5482
 Opposite hand:
KB2410

ALL DIMENSIONS ARE IN MILLIMETRES

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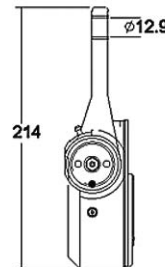
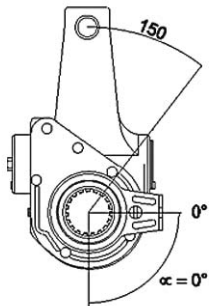
2. Automatic Slack Adjusters

KB2410



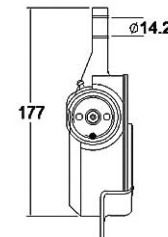
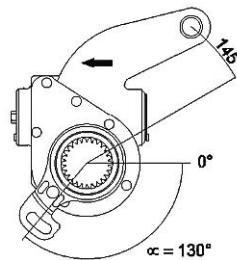
To fit:
Hino Truck
 OEM number:
474901180
 Haldex equivalent:
12255
 Spline Type:
19 DIN - 5482
 Opposite hand:
KB2405

KB2415



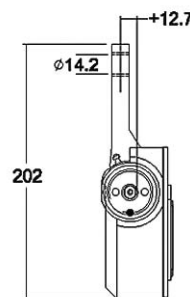
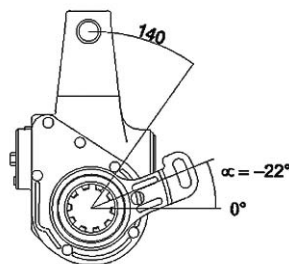
To fit:
Hino Truck
 OEM number:
474801801
 Haldex equivalent:
12256
 Spline Type:
19 DIN - 5482
 Opposite hand:
 -

KB2420



To fit:
Mercedes Truck and Bus
 OEM number:
652 420 02 38
 Haldex equivalent:
72596
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
 -

KB2425



To fit:
DAF Truck and Bus
 OEM number:
0740322
 Haldex equivalent:
72609
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2400

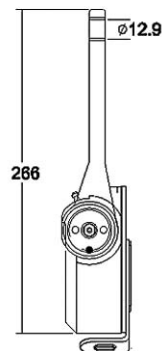
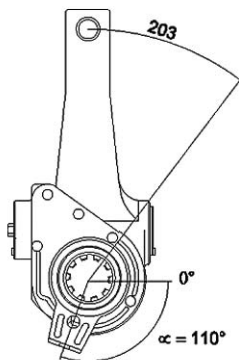
ALL DIMENSIONS ARE IN MILLIMETRES

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2. Automatic Slack Adjusters

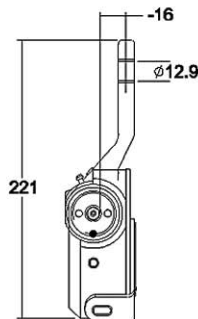
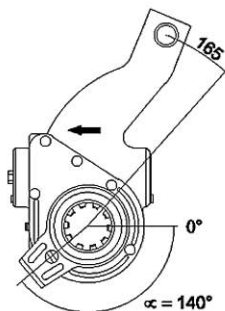
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KB2430



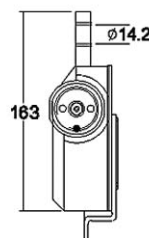
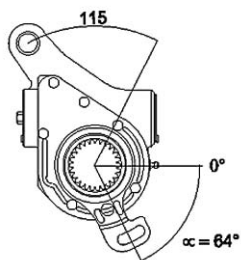
To fit:
Leyland Bus
 OEM number:
866101
 Haldex equivalent:
70532
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB2435



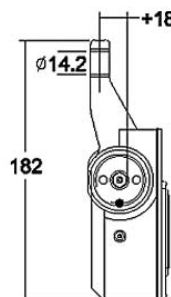
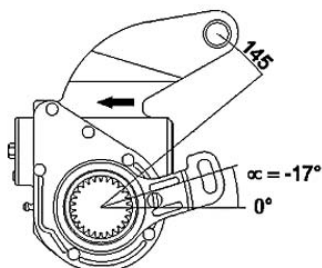
To fit:
Leyland Bus
 OEM number:
10889963
 Haldex equivalent:
70627
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2320

KB2440



To fit:
Mercedes Bus
 OEM number:
305 420 26 38
 Haldex equivalent:
70706
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
 -

KB2445



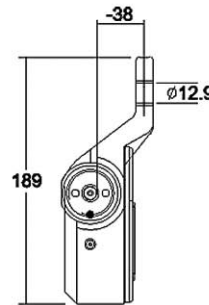
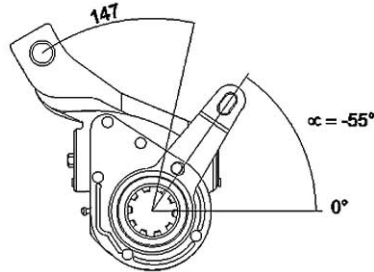
To fit:
Mercedes Truck
 OEM number:
389 420 03 38
 Haldex equivalent:
70753
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB2765

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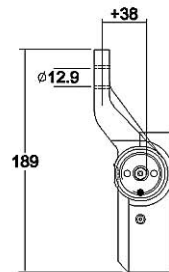
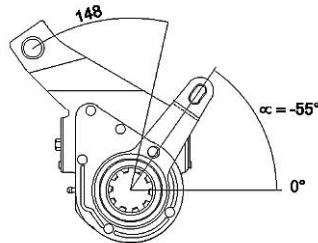
2. Automatic Slack Adjusters

KB2450



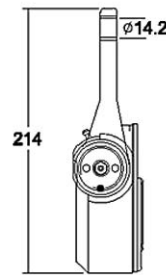
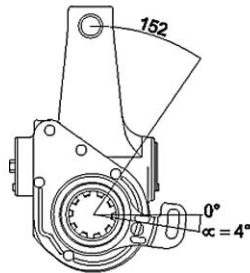
To fit:
Volvo Bus
 OEM number:
6863907
 Haldex equivalent:
70832
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2455

KB2455



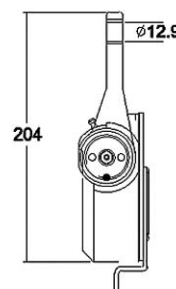
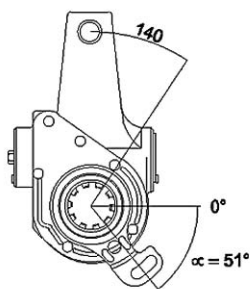
To fit:
Volvo Bus
 OEM number:
6863906
 Haldex equivalent:
70833
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2450

KB2460



To fit:
Van Hool Bus
 OEM number:
633104590
 Haldex equivalent:
70905
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB2465



To fit:
Leyland Bus
 OEM number:
ABU6924
 Haldex equivalent:
70906
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

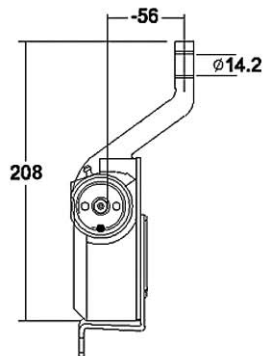
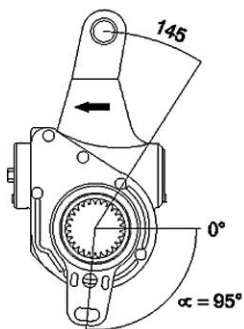
ALL DIMENSIONS ARE IN MILLIMETRES

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2. Automatic Slack Adjusters

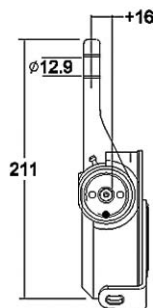
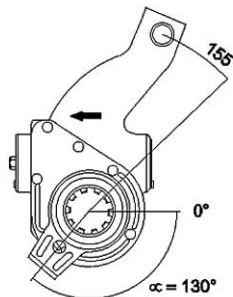
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KB2470



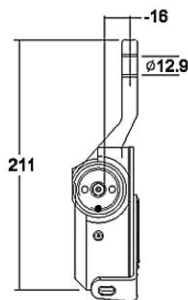
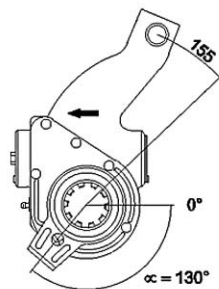
To fit:
Mercedes Truck
 OEM number:
385 420 12 38
 Haldex equivalent:
70918
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB2840

KB2475



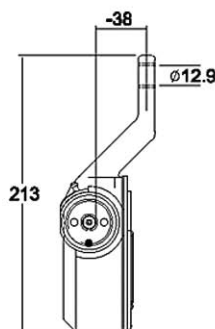
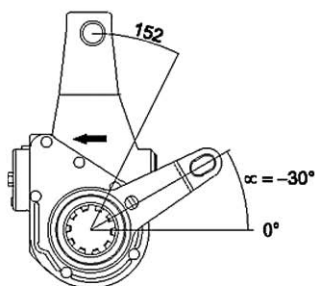
To fit:
Leyland Bus
 OEM number:
ACU3627
 Haldex equivalent:
70943
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2480

KB2480



To fit:
Leyland Bus
 OEM number:
ACU3628
 Haldex equivalent:
70944
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2475

KB2485



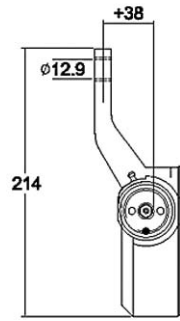
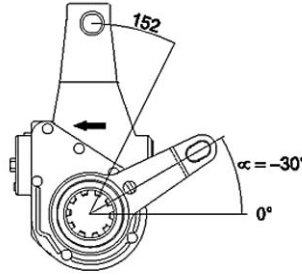
To fit:
Volvo Bus
 OEM number:
8398386
 Haldex equivalent:
70977
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2490

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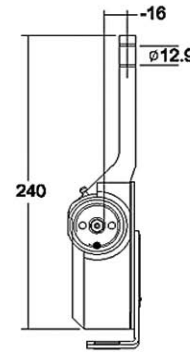
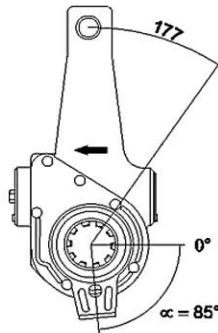
2. Automatic Slack Adjusters

KB2490



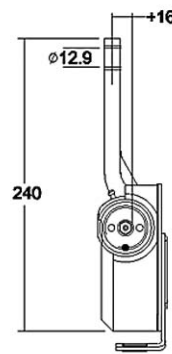
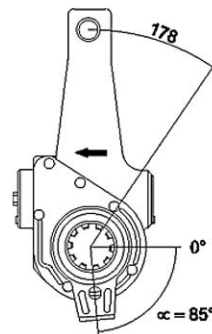
To fit:
Volvo Bus
 OEM number:
8398385
 Haldex equivalent:
70978
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2485

KB2495



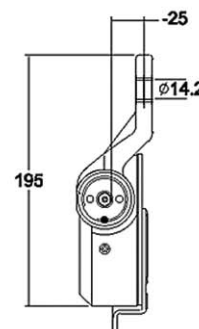
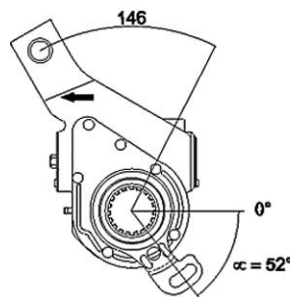
To fit:
Leyland Bus
 OEM number:
ACU6980
 Haldex equivalent:
72105
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2500

KB2500



To fit:
Leyland Bus
 OEM number:
ACU6981
 Haldex equivalent:
72106
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2495

KB2505



To fit:
Neoplan Bus
 OEM number:
B501643
 Haldex equivalent:
72203
 Spline Type:
19 DIN - 5482
 Opposite hand:
KB2510

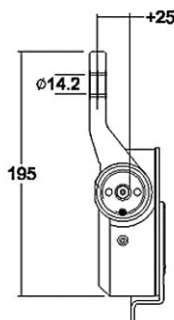
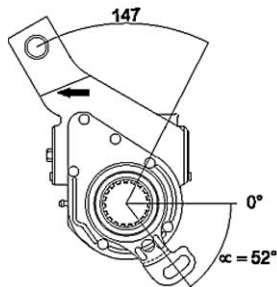
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2. Automatic Slack Adjusters

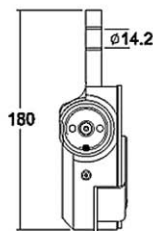
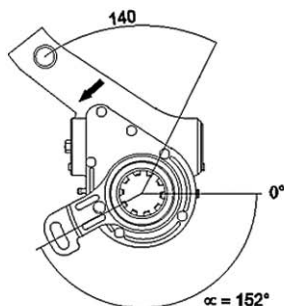
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KB2510



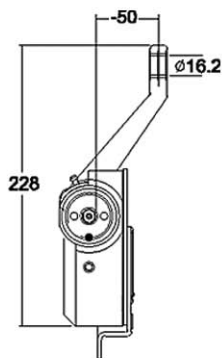
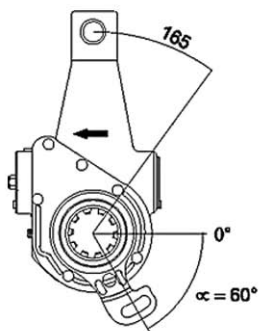
To fit:
Neoplan Bus
 OEM number:
B501642
 Haldex equivalent:
72204
 Spline Type:
19 DIN - 5482
 Opposite hand:
KB2505

KB2515



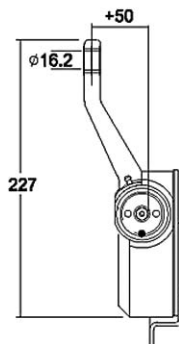
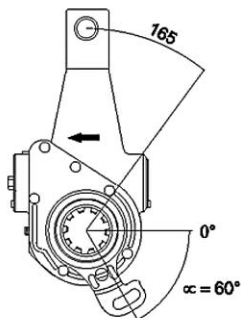
To fit:
DAF Bus
 OEM number:
0159565
 Haldex equivalent:
72535
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB2520



To fit:
Scania Bus
 OEM number:
394186
 Haldex equivalent:
72665
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2525

KB2525



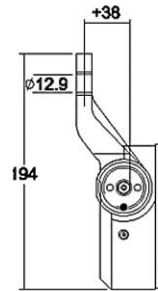
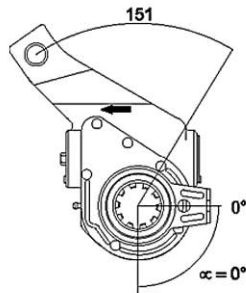
To fit:
Scania Bus
 OEM number:
394185
 Haldex equivalent:
72666
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2520

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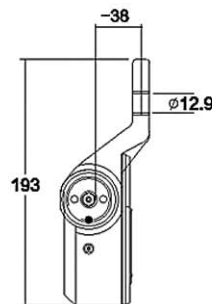
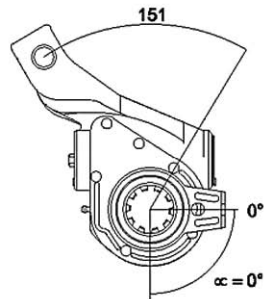
2. Automatic Slack Adjusters

KB2530



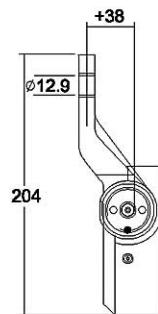
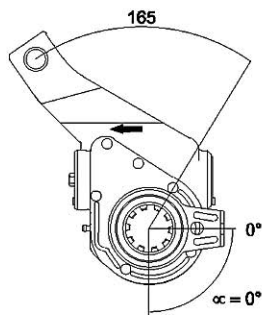
To fit:
Volvo Truck
 OEM number:
1586190
 Haldex equivalent:
72668
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2535

KB2535



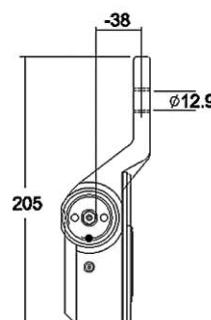
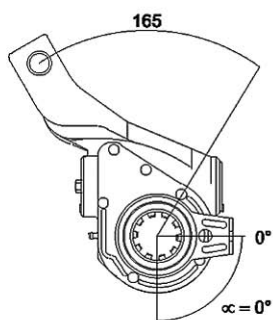
To fit:
Volvo Truck
 OEM number:
1586191
 Haldex equivalent:
72669
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2530

KB2540



To fit:
Volvo Truck
 OEM number:
1586192
 Haldex equivalent:
72670
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2545

KB2545



To fit:
Volvo Truck
 OEM number:
1586193
 Haldex equivalent:
72671
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2540

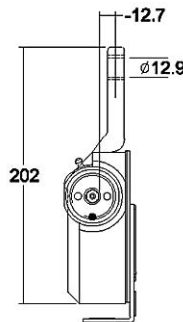
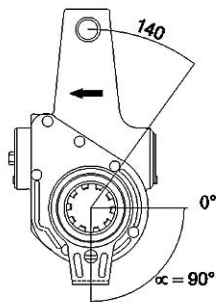
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2. Automatic Slack Adjusters

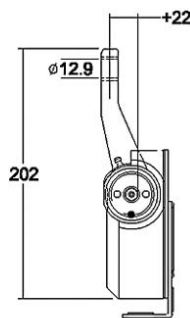
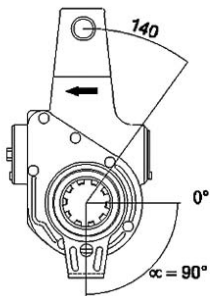
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KB2550



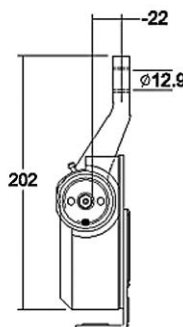
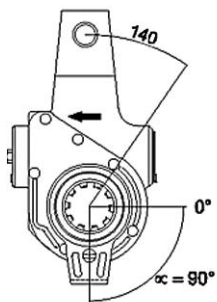
To fit:
Volvo Truck
 OEM number:
1592872
 Haldex equivalent:
72673
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2695

KB2555



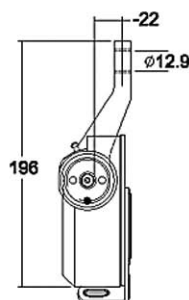
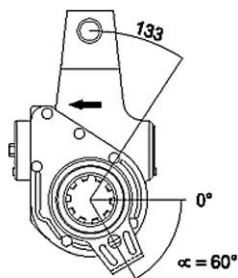
To fit:
Volvo Truck
 OEM number:
1592873
 Haldex equivalent:
72674
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2560

KB2560



To fit:
Volvo Truck
 OEM number:
1592874
 Haldex equivalent:
72675
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2555

KB2565



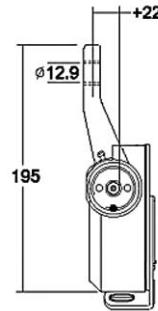
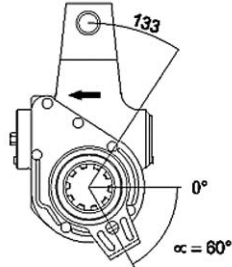
To fit:
Volvo Bus
 OEM number:
1134295
 Haldex equivalent:
72715
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2570

ALL DIMENSIONS ARE IN MILLIMETRES

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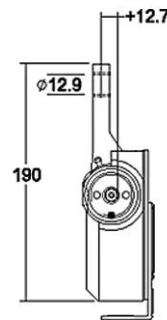
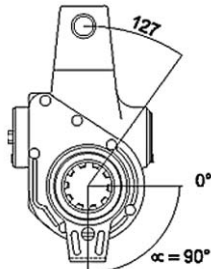
2. Automatic Slack Adjusters

KB2570



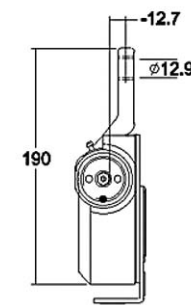
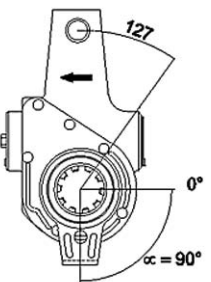
To fit:
Volvo Bus
 OEM number:
1134296
 Haldex equivalent:
72716
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2565

KB2575



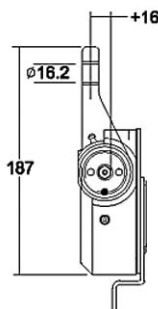
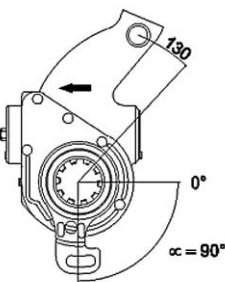
To fit:
Volvo Bus
 OEM number:
1134293
 Haldex equivalent:
72717
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2580

KB2580



To fit:
Volvo Bus
 OEM number:
1134294
 Haldex equivalent:
72718
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2575

KB2585



To fit:
Scania Truck and Bus
 OEM number:
394189
 Haldex equivalent:
72727
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2590

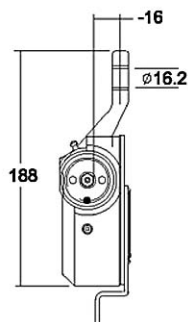
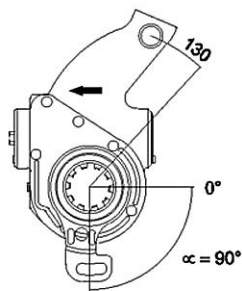
ALL DIMENSIONS ARE IN MILLIMETRES

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2. Automatic Slack Adjusters

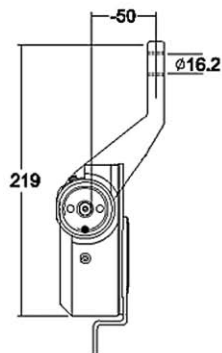
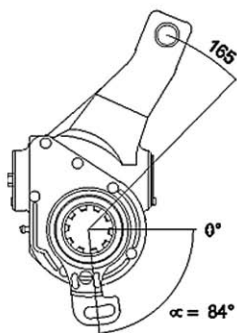
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KB2590



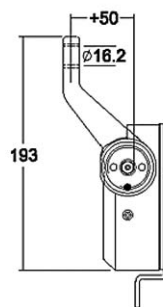
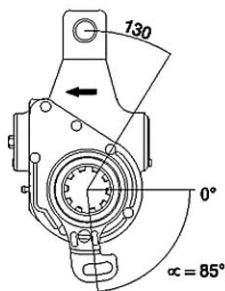
To fit:
Scania Truck and Bus
 OEM number:
394190
 Haldex equivalent:
72728
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2585

KB2595



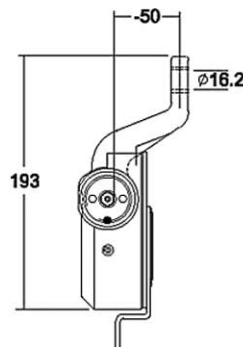
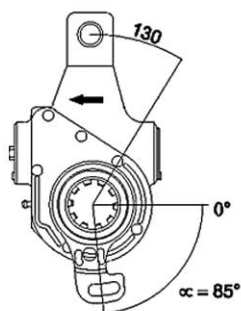
To fit:
Scania Bus
 OEM number:
1112840
 Haldex equivalent:
72826
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2360

KB2600



To fit:
Scania Truck
 OEM number:
394193
 Haldex equivalent:
72892
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2605

KB2605



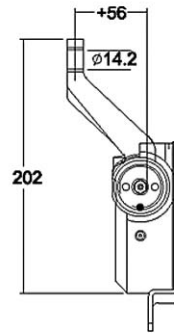
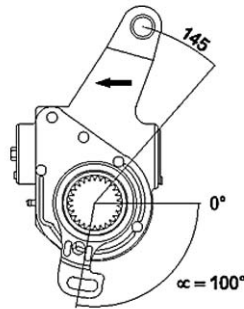
To fit:
Scania Truck
 OEM number:
394194
 Haldex equivalent:
72893
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2600

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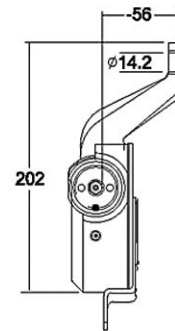
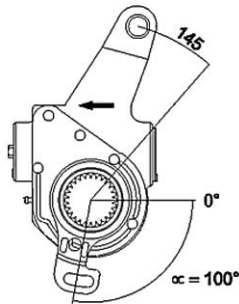
2. Automatic Slack Adjusters

KB2610



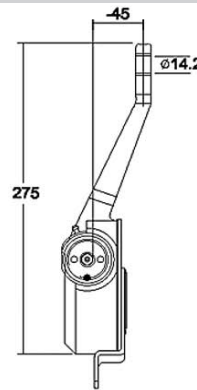
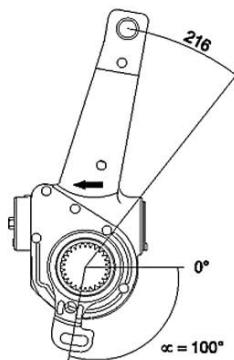
To fit:
MAN Truck
 OEM number:
81.50610-6214
 Haldex equivalent:
79205
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB2615

KB2615



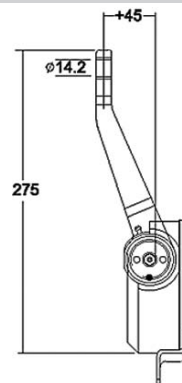
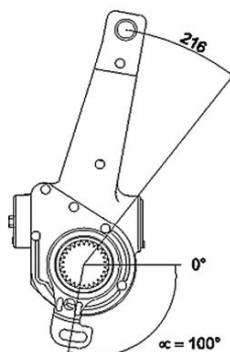
To fit:
MAN Truck
 OEM number:
81.50610-6215
 Haldex equivalent:
79206
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB2610

KB2620



To fit:
MAN Truck and Bus
 OEM number:
81.50610-6220
 Haldex equivalent:
79223
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB2625

KB2625



To fit:
MAN Truck and Bus
 OEM number:
81.50610-6221
 Haldex equivalent:
79224
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB2620

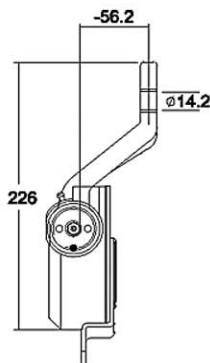
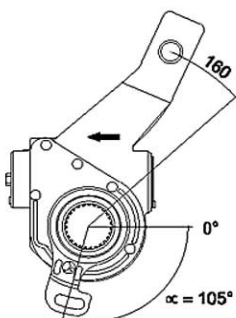
ALL DIMENSIONS ARE IN MILLIMETRES

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2. Automatic Slack Adjusters

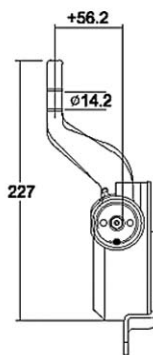
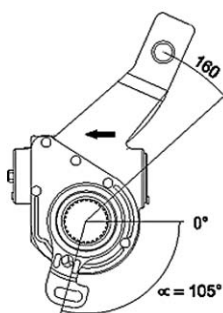
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KB2630



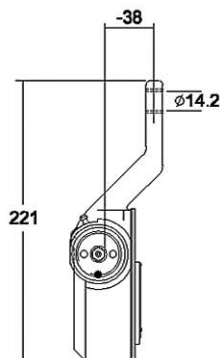
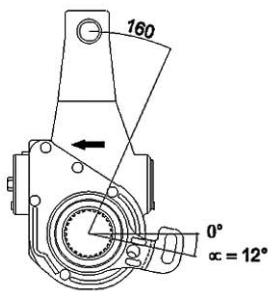
To fit:
Renault Truck
 OEM number:
5010 098 862
 Haldex equivalent:
79296
 Spline Type:
27 E22-151 BNA-42 x 1.5
 Opposite hand:
KB2635

KB2635



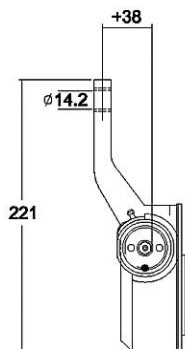
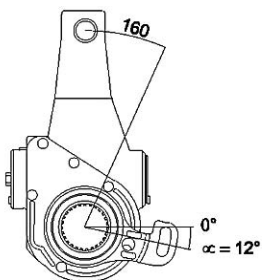
To fit:
Renault Truck
 OEM number:
5010 098 863
 Haldex equivalent:
79297
 Spline Type:
27 E22-151 BNA-42 x 1.5
 Opposite hand:
KB2630

KB2640



To fit:
Renault Truck
 OEM number:
5010 216 843
 Haldex equivalent:
79299
 Spline Type:
27 E22-151 BNA-42 x 1.5
 Opposite hand:
KB2645

KB2645



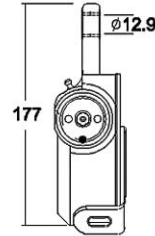
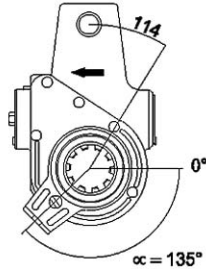
To fit:
Renault Truck
 OEM number:
5010 216 844
 Haldex equivalent:
79300
 Spline Type:
27 E22-151 BNA-42 x 1.5
 Opposite hand:
KB2640

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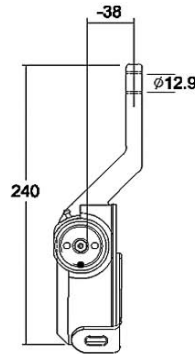
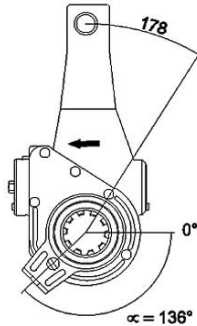
2. Automatic Slack Adjusters

KB2650



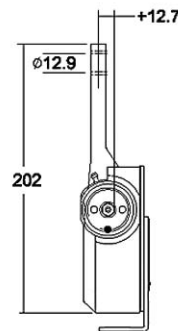
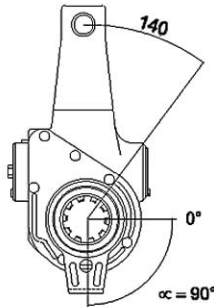
To fit:
Leyland Bus
 OEM number:
10907244
 Haldex equivalent:
70510
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB2655



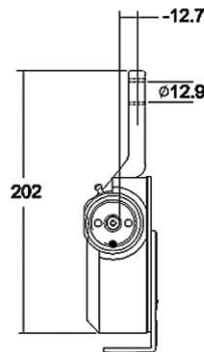
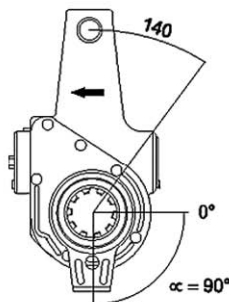
To fit:
Leyland Bus
 OEM number:
10907245
 Haldex equivalent:
70511
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2365

KB2660



To fit:
Volvo Bus
 OEM number:
1136430
 Haldex equivalent:
72915
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2665

KB2665



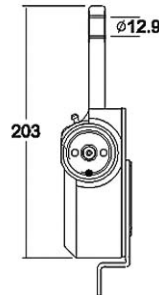
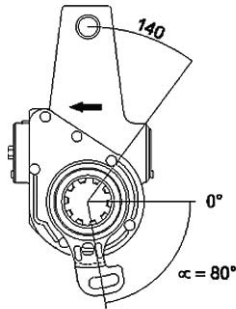
To fit:
Volvo Bus
 OEM number:
1136431
 Haldex equivalent:
72916
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2660

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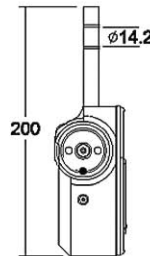
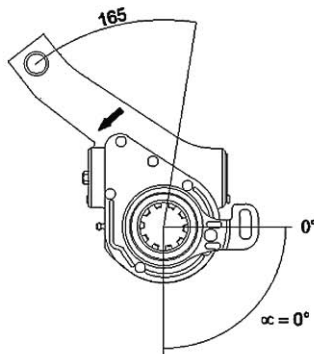
2. Automatic Slack Adjusters

KB2670



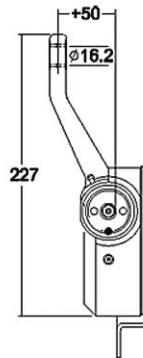
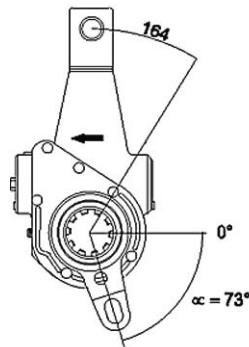
To fit:
Leyland Truck
 OEM number:
ACU8348
 Haldex equivalent:
72407
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB2675



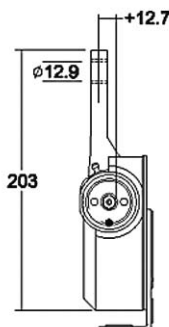
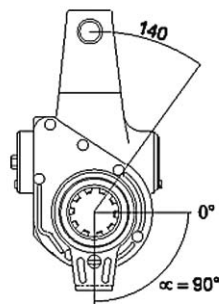
To fit:
DAF Truck
 OEM number:
0159592
 Haldex equivalent:
72541
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB2680



To fit:
Neoplan Bus
 OEM number:
276525
 Haldex equivalent:
72951
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2850

KB2695



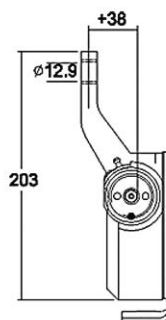
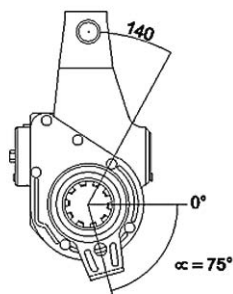
To fit:
Volvo Truck
 OEM number:
1592871
 Haldex equivalent:
72672
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2550

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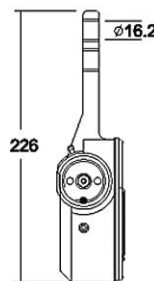
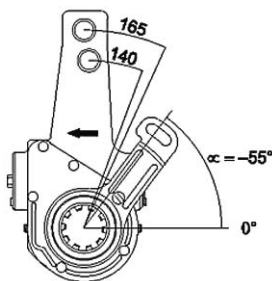
2. Automatic Slack Adjusters

KB2700



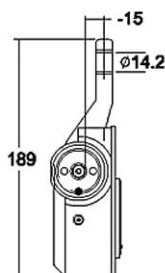
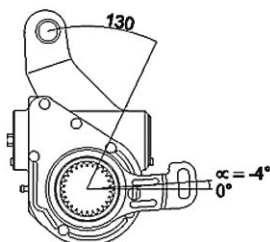
To fit:
MCW Bus
 OEM number:
 -
 Haldex equivalent:
70894
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2310

KB2710



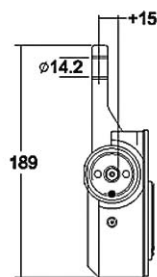
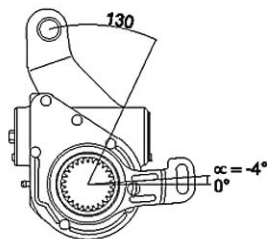
To fit:
Scania Truck and Bus
 OEM number:
1112841
 Haldex equivalent:
72654
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB2715



To fit:
Mercedes Bus
 OEM number:
357 420 11 38
 Haldex equivalent:
72211
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB2720

KB2720



To fit:
Mercedes Bus
 OEM number:
357 420 12 38
 Haldex equivalent:
72212
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB2715

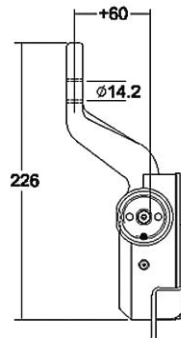
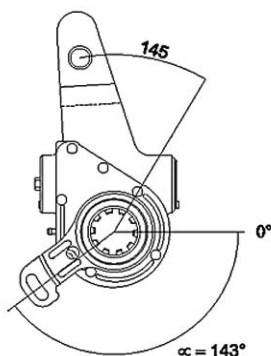
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2. Automatic Slack Adjusters

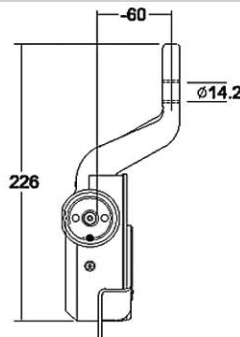
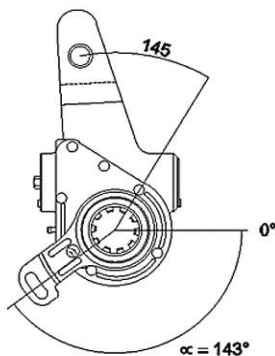
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KB2725



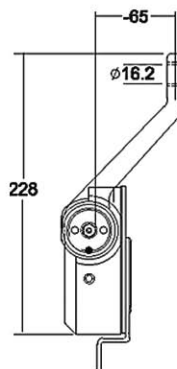
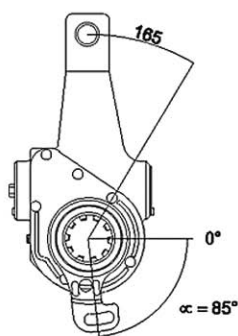
To fit:
DAF Truck
 OEM number:
1263485
 Haldex equivalent:
72886
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2730

KB2730



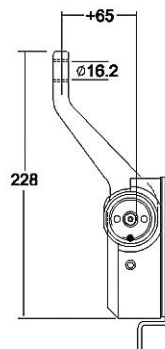
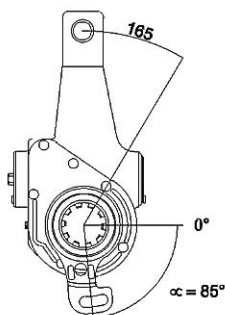
To fit:
DAF Truck
 OEM number:
1263486
 Haldex equivalent:
72887
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2725

KB2735



To fit:
Scania Truck and Bus
 OEM number:
1358634
 Haldex equivalent:
79442
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2740

KB2740



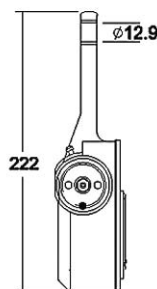
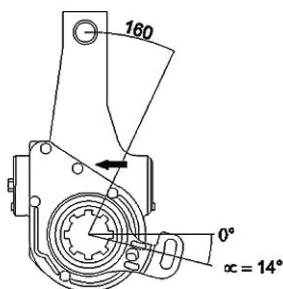
To fit:
Scania Truck and Bus
 OEM number:
1358635
 Haldex equivalent:
79443
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2735

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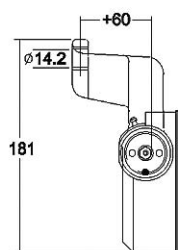
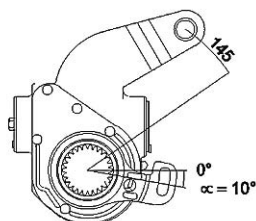
2. Automatic Slack Adjusters

KB2745



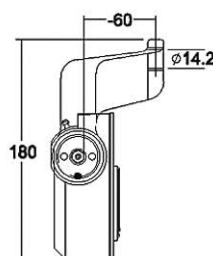
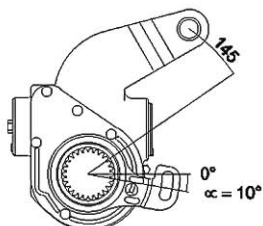
To fit:
Iveco Truck
 OEM number:
4692759
 Haldex equivalent:
70810
 Spline Type:
8 x DIN 5363
 Opposite hand:
 -

KB2750



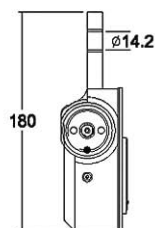
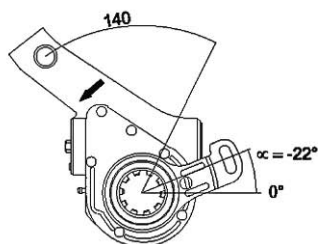
To fit:
Mercedes Truck
 OEM number:
623 420 07 38
 Haldex equivalent:
72038
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB2755

KB2755



To fit:
Mercedes Truck
 OEM number:
623 420 06 38
 Haldex equivalent:
72039
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB2750

KB2760



To fit:
DAF Truck
 OEM number:
0159560
 Haldex equivalent:
72530
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

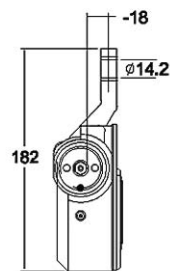
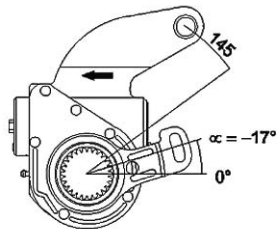
ALL DIMENSIONS ARE IN MILLIMETRES

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2. Automatic Slack Adjusters

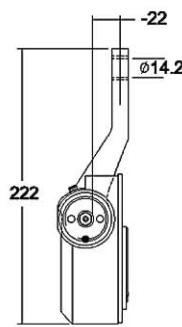
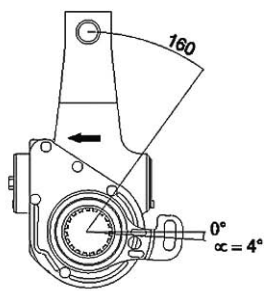
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KB2765



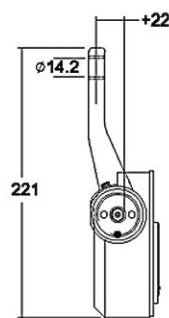
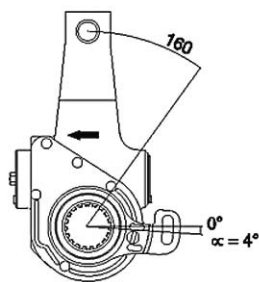
To fit:
Mercedes Truck
 OEM number:
389 420 04 38
 Haldex equivalent:
70754
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB2445

KB2775



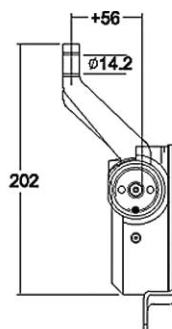
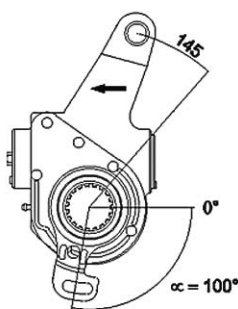
To fit:
Van Hool Bus
 OEM number:
633104610
 Haldex equivalent:
72459
 Spline Type:
19 DIN - 5482
 Opposite hand:
KB2780

KB2780



To fit:
Van Hool Bus
 OEM number:
633104620
 Haldex equivalent:
72460
 Spline Type:
19 DIN - 5482
 Opposite hand:
KB2775

KB2785



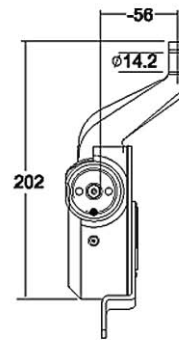
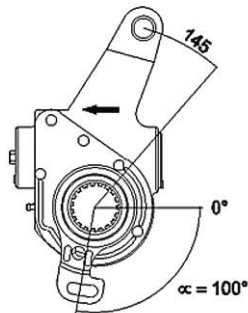
To fit:
Liaz Bus
 OEM number:
070276010
 Haldex equivalent:
72688
 Spline Type:
19 DIN - 5482
 Opposite hand:
KB2790

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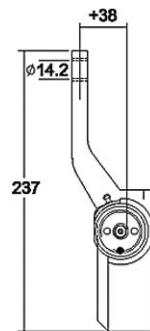
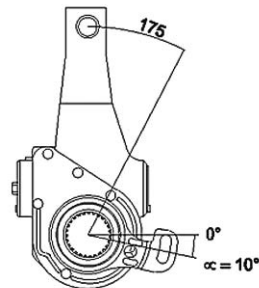
2. Automatic Slack Adjusters

KB2790



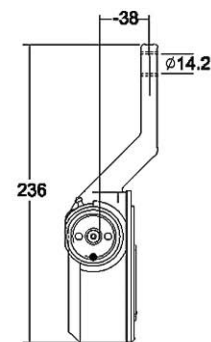
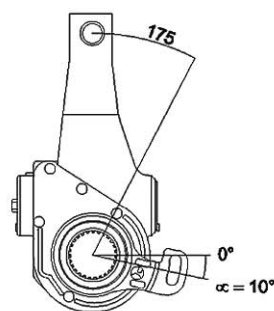
To fit:
Liaz Bus
 OEM number:
070276011
 Haldex equivalent:
72689
 Spline Type:
19 DIN - 5482
 Opposite hand:
KB2785

KB2795



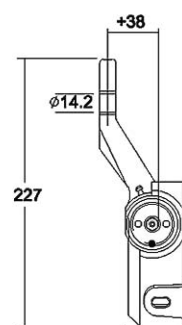
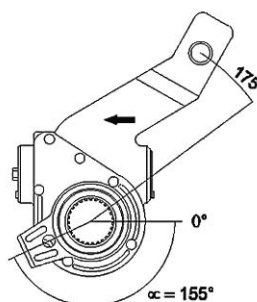
To fit:
Renault Truck
 OEM number:
5000 791 212
 Haldex equivalent:
79017
 Spline Type:
27 E22-151 BNA-42 x 1.5
 Opposite hand:
KB2800

KB2800



To fit:
Renault Truck
 OEM number:
5000 791 213
 Haldex equivalent:
79018
 Spline Type:
27 E22-151 BNA-42 x 1.5
 Opposite hand:
KB2795

KB2815



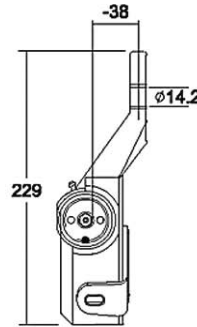
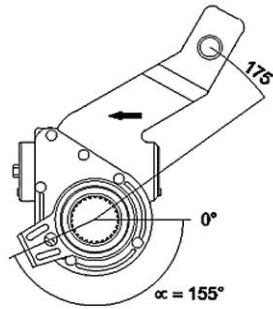
To fit:
Renault Truck and Bus
 OEM number:
5000 787 264
 Haldex equivalent:
79007
 Spline Type:
27 E22-151 BNA-42 x 1.5
 Opposite hand:
KB2820

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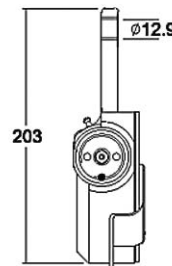
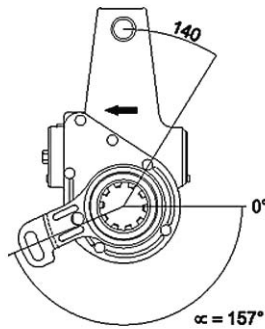
2. Automatic Slack Adjusters

KB2820



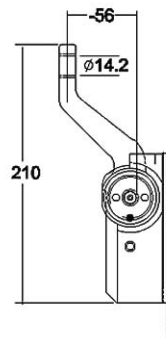
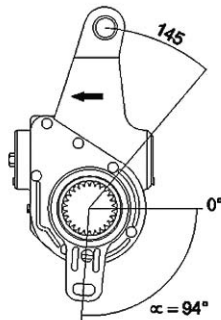
To fit:
Renault Truck and Bus
 OEM number:
5000 787 265
 Haldex equivalent:
79008
 Spline Type:
27 E22-151 BNA-42 x 1.5
 Opposite hand:
KB2815

KB2825



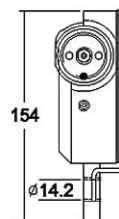
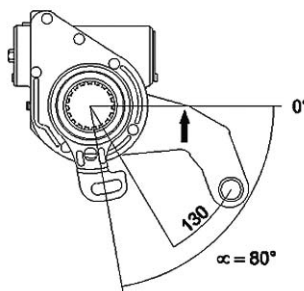
To fit:
Dennis Bus
 OEM number:
611485
 Haldex equivalent:
70986
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB2840



To fit:
Mercedes Truck
 OEM number:
385 420 11 38
 Haldex equivalent:
70917
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB2470

KB2845



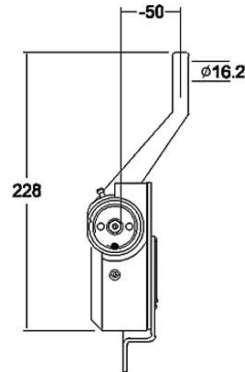
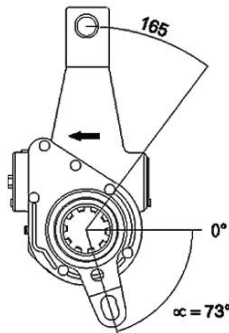
To fit:
Neoplan Bus
 OEM number:
 -
 Haldex equivalent:
72177
 Spline Type:
19 DIN - 5482
 Opposite hand:
 -

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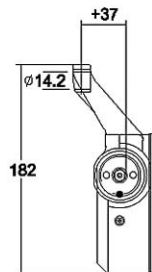
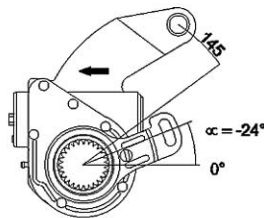
2. Automatic Slack Adjusters

KB2850



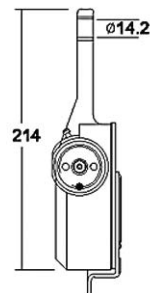
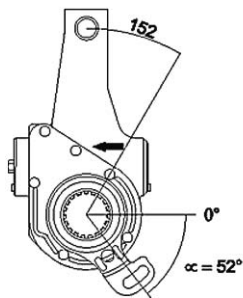
To fit:
Neoplan Bus
 OEM number:
276526
 Haldex equivalent:
72952
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2680

KB2855



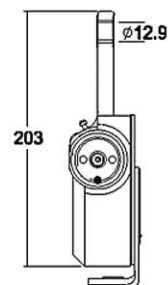
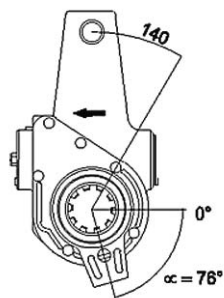
To fit:
Mercedes Truck
 OEM number:
619 420 02 38
 Haldex equivalent:
72234
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB2990

KB2860



To fit:
MAN Bus
 OEM number:
63-31066.50
 Haldex equivalent:
72326
 Spline Type:
19 DIN - 5482
 Opposite hand:
 -

KB2865



To fit:
Dennis Bus
 OEM number:
651777
 Haldex equivalent:
72393
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

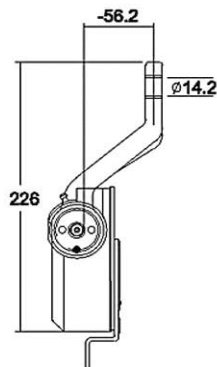
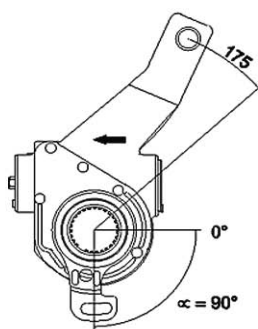
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2. Automatic Slack Adjusters

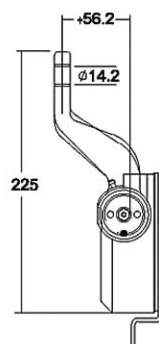
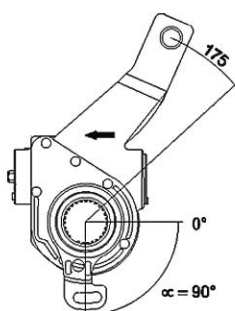
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KB2870



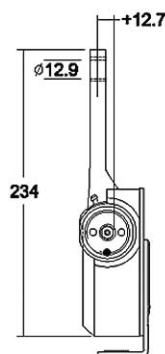
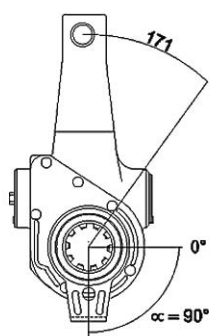
To fit:
Renault Truck and Bus
 OEM number:
5010 067 156
 Haldex equivalent:
79628
 Spline Type:
27 E22-151 BNA-42 x 1.5
 Opposite hand:
KB2875

KB2875



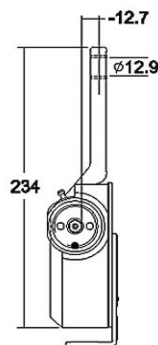
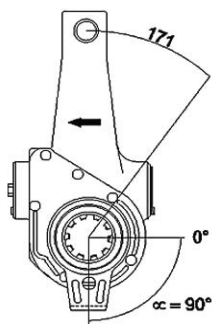
To fit:
Renault Truck and Bus
 OEM number:
5010 067 157
 Haldex equivalent:
79629
 Spline Type:
27 E22-151 BNA-42 x 1.5
 Opposite hand:
KB2870

KB2890



To fit:
Leyland Bus
 OEM number:
CAL2240
 Haldex equivalent:
70785
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2895

KB2895



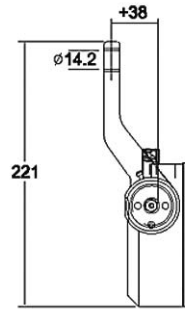
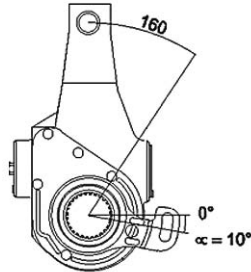
To fit:
Leyland Bus
 OEM number:
CAL2241
 Haldex equivalent:
70786
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2890

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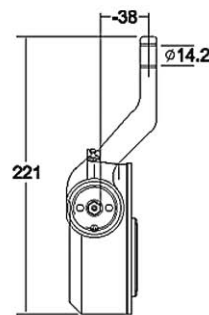
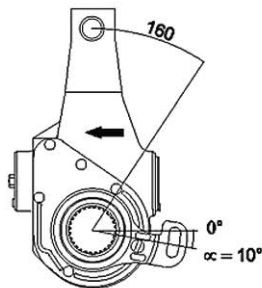
2. Automatic Slack Adjusters

KB2905



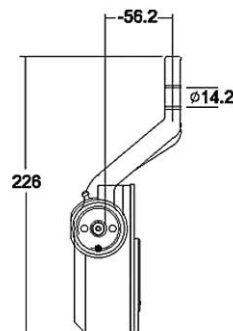
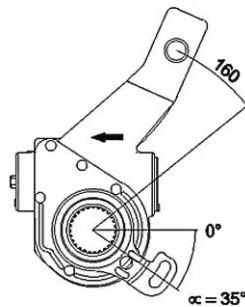
To fit:
Renault Truck
 OEM number:
5010 098 831
 Haldex equivalent:
79288
 Spline Type:
28 ANSI-B92.1 - 1996
 Opposite hand:
KB2910

KB2910



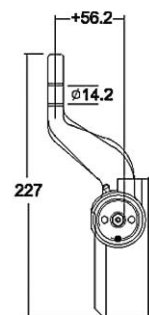
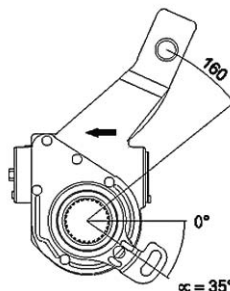
To fit:
Renault Truck
 OEM number:
5010 098 832
 Haldex equivalent:
79289
 Spline Type:
28 ANSI-B92.1 - 1996
 Opposite hand:
KB2905

KB2920



To fit:
Renault Truck
 OEM number:
5010 098 860
 Haldex equivalent:
79294
 Spline Type:
27 E22-151 BNA-42 x 1.5
 Opposite hand:
KB2925

KB2925



To fit:
Renault Truck
 OEM number:
5010 098 861
 Haldex equivalent:
79295
 Spline Type:
27 E22-151 BNA-42 x 1.5
 Opposite hand:
KB2920

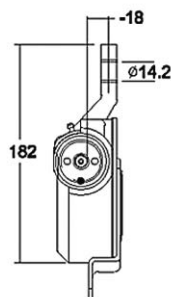
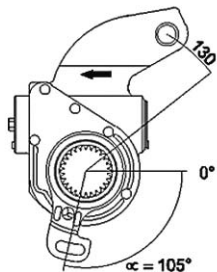
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2. Automatic Slack Adjusters

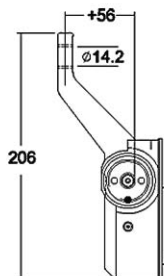
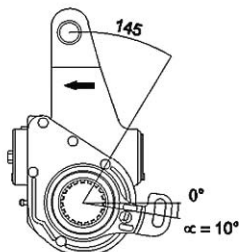
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KB2930



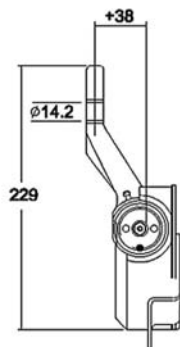
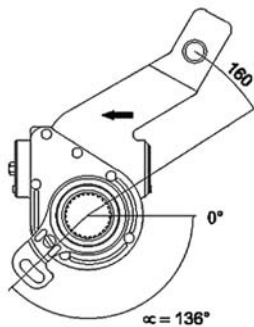
To fit:
Mercedes Bus
 OEM number:
357 420 13 38
 Haldex equivalent:
72809
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB3155

KB2935



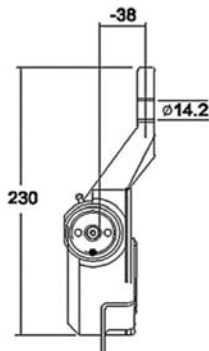
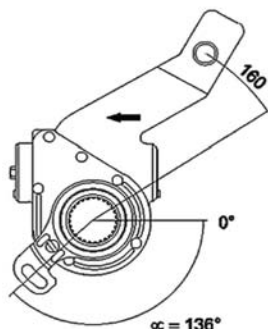
To fit:
DAB Bus
 OEM number:
 -
 Haldex equivalent:
72854
 Spline Type:
19 DIN - 5482
 Opposite hand:
KB3065

KB2940



To fit:
Renault Truck
 OEM number:
5010 216 904
 Haldex equivalent:
79301
 Spline Type:
27 E22-151 BNA-42 x 1.5
 Opposite hand:
KB2945

KB2945



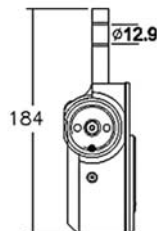
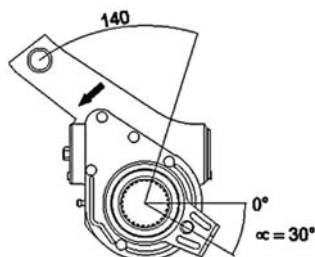
To fit:
Renault Truck
 OEM number:
5010 216 905
 Haldex equivalent:
79302
 Spline Type:
27 E22-151 BNA-42 x 1.5
 Opposite hand:
KB2940

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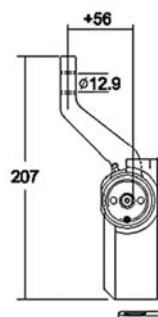
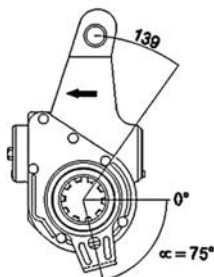
2. Automatic Slack Adjusters

KB2955



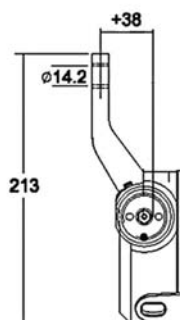
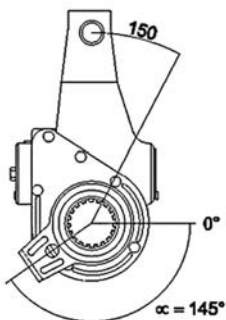
To fit:
Optare Bus
 OEM number:
L2220055
 Haldex equivalent:
79177
 Spline Type:
28 ANSI-B92.1 - 1996
 Opposite hand:
 -

KB2970



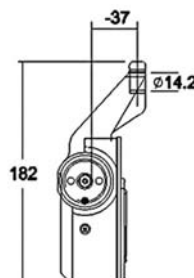
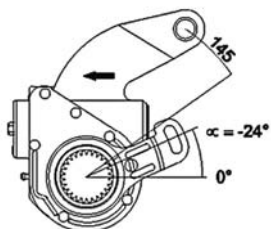
To fit:
MCW Bus
 OEM number:
 -
 Haldex equivalent:
70931
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB3170

KB2975



To fit:
Kässbohrer Bus
 OEM number:
82850002140
 Haldex equivalent:
72592
 Spline Type:
19 DIN - 5482
 Opposite hand:
KB3575

KB2990



To fit:
Mercedes Truck
 OEM number:
619 420 03 38
 Haldex equivalent:
72235
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB2855

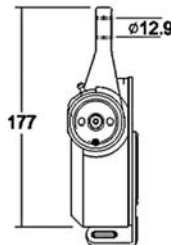
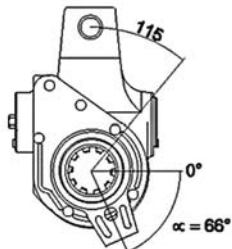
ALL DIMENSIONS ARE IN MILLIMETRES

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2. Automatic Slack Adjusters

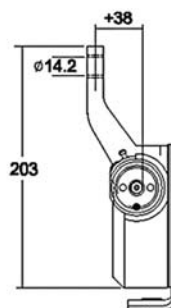
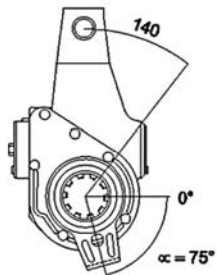
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KB2995



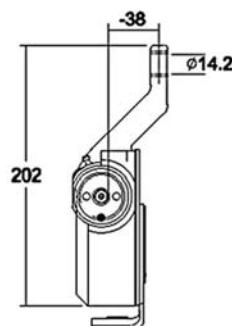
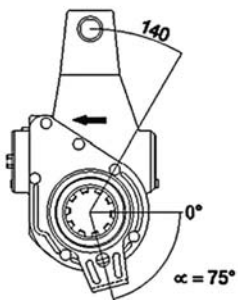
To fit:
MCW Bus
 OEM number:
653509
 Haldex equivalent:
72361
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB3000



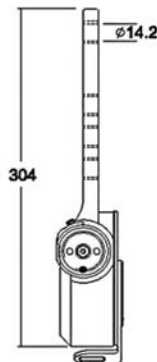
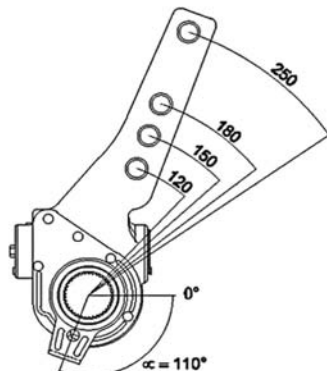
To fit:
DAF Bus
 OEM number:
 -
 Haldex equivalent:
72816
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB3005

KB3005



To fit:
DAF Bus
 OEM number:
 -
 Haldex equivalent:
72815
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB3000

KB3015



To fit:
Kässbohrer Trailer
 OEM number:
014265271135
 Haldex equivalent:
72416
 Spline Type:
37 DIN 5481
 Opposite hand:
 -

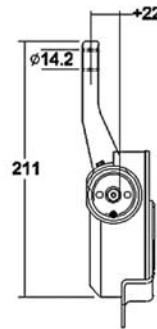
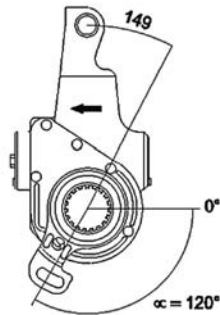
ALL DIMENSIONS ARE IN MILLIMETRES

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2. Automatic Slack Adjusters

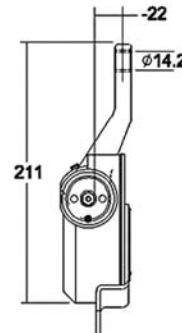
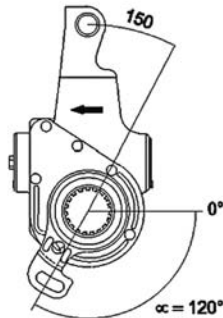
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KB3030



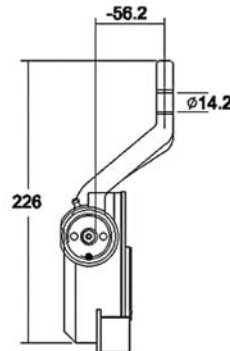
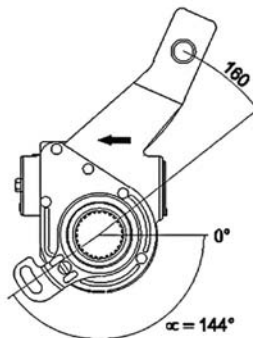
To fit:
Van Hool Bus
 OEM number:
633104690
 Haldex equivalent:
72462
 Spline Type:
19 DIN - 5482
 Opposite hand:
KB3035

KB3035



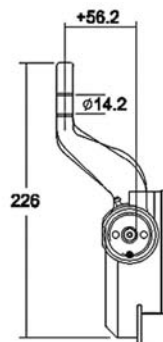
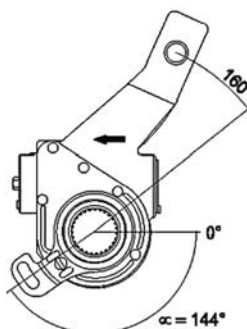
To fit:
Van Hool Bus
 OEM number:
633104700
 Haldex equivalent:
72461
 Spline Type:
19 DIN - 5482
 Opposite hand:
KB3030

KB3040



To fit:
Renault Truck
 OEM number:
5010 260 117
 Haldex equivalent:
79310
 Spline Type:
27 E22-151 BNA-42 x 1.5
 Opposite hand:
KB3045

KB3045



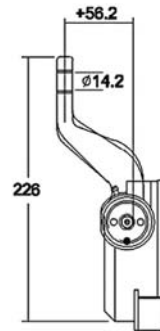
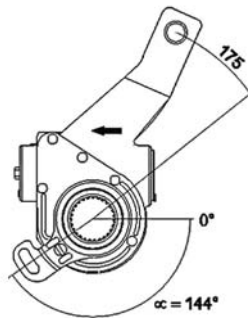
To fit:
Renault Truck
 OEM number:
5010 260 118
 Haldex equivalent:
79311
 Spline Type:
27 E22-151 BNA-42 x 1.5
 Opposite hand:
KB3040

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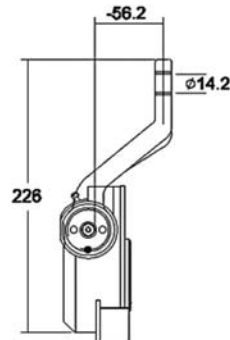
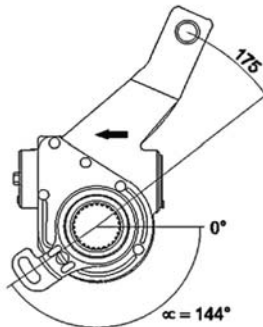
2. Automatic Slack Adjusters

KB3050



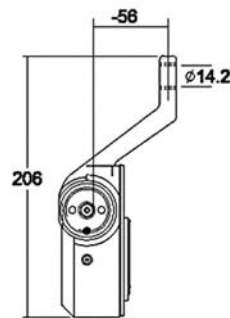
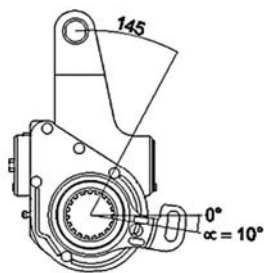
To fit:
Renault Truck
 OEM number:
5010 260 116
 Haldex equivalent:
79309
 Spline Type:
27 E22-151 BNA-42 x 1.5
 Opposite hand:
KB3055

KB3055



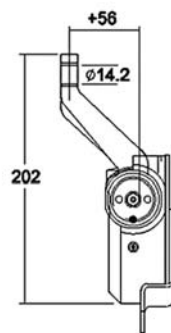
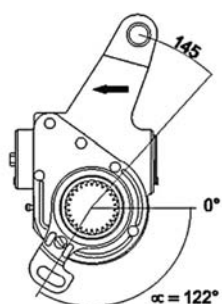
To fit:
Renault Truck
 OEM number:
5010 260 115
 Haldex equivalent:
79308
 Spline Type:
27 E22-151 BNA-42 x 1.5
 Opposite hand:
KB3050

KB3065



To fit:
DAB Bus
 OEM number:
 -
 Haldex equivalent:
72855
 Spline Type:
19 DIN - 5482
 Opposite hand:
KB2935

KB3075



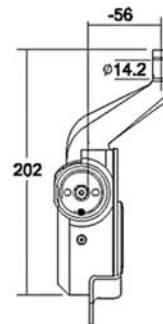
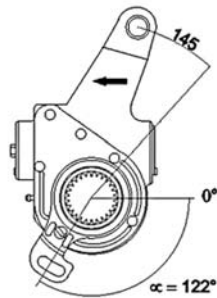
To fit:
Mercedes Truck
 OEM number:
619 420 06 38
 Haldex equivalent:
72616
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB3080

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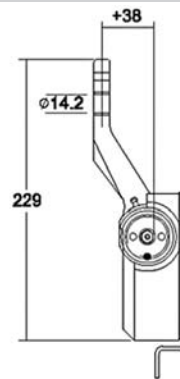
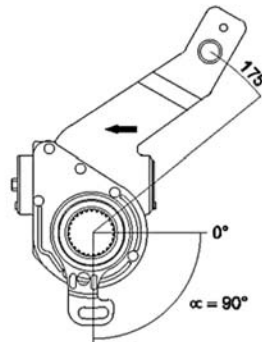
2. Automatic Slack Adjusters

KB3080



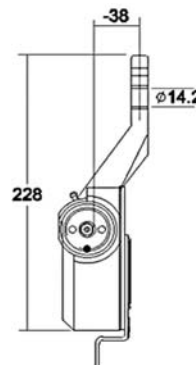
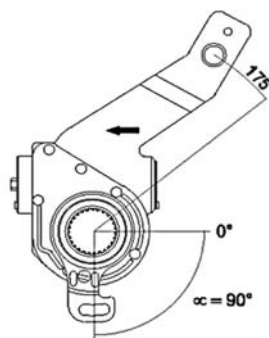
To fit:
Mercedes Truck
 OEM number:
619 420 07 38
 Haldex equivalent:
72617
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB3075

KB3085



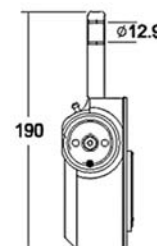
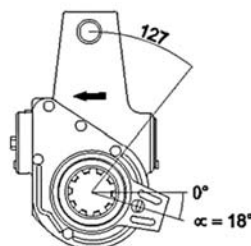
To fit:
Renault Bus
 OEM number:
5010 013 393
 Haldex equivalent:
79020
 Spline Type:
27 E22-151 BNA-42 x 1.5
 Opposite hand:
KB3090

KB3090



To fit:
Renault Bus
 OEM number:
5010 013 394
 Haldex equivalent:
79021
 Spline Type:
27 E22-151 BNA-42 x 1.5
 Opposite hand:
KB3085

KB3095



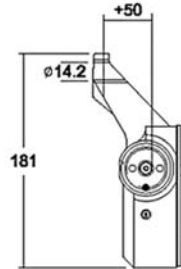
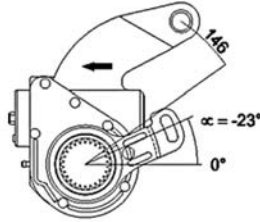
To fit:
Dennis Bus
 OEM number:
651626
 Haldex equivalent:
72362
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

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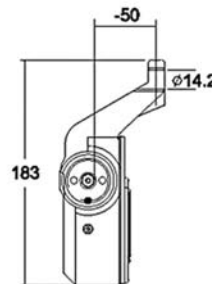
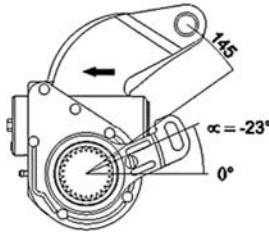
2. Automatic Slack Adjusters

KB3105



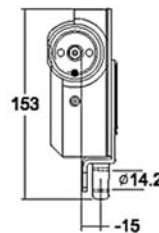
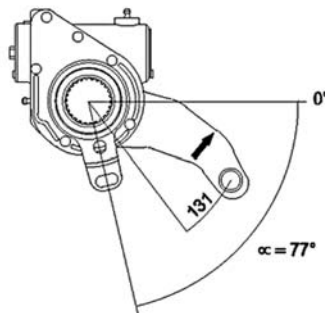
To fit:
Mercedes Truck
 OEM number:
654 420 00 38
 Haldex equivalent:
72597
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB3110

KB3110



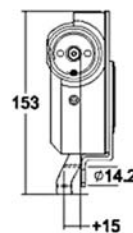
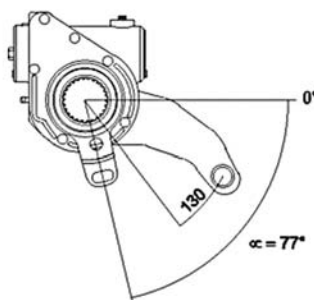
To fit:
Mercedes Truck
 OEM number:
654 420 01 38
 Haldex equivalent:
72598
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB3105

KB3115



To fit:
MAN Bus
 OEM number:
81.50610-6222
 Haldex equivalent:
79225
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB3120

KB3120



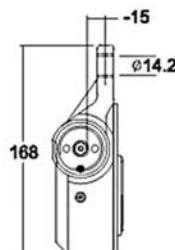
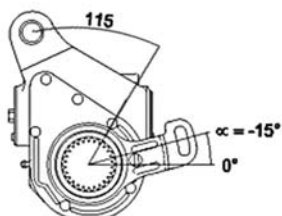
To fit:
MAN Bus
 OEM number:
81.50610-6223
 Haldex equivalent:
79226
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB3115

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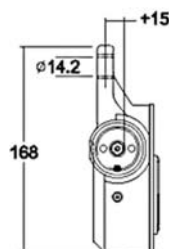
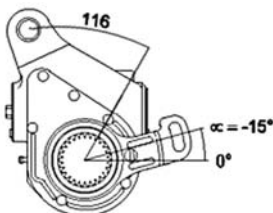
2. Automatic Slack Adjusters

KB3125



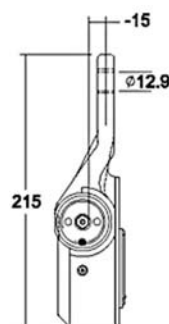
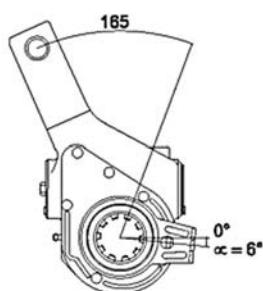
To fit:
Mercedes Bus
 OEM number:
307 420 01 38
 Haldex equivalent:
70772
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB3130

KB3130



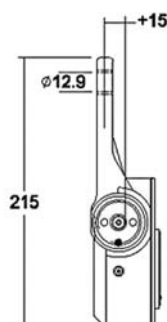
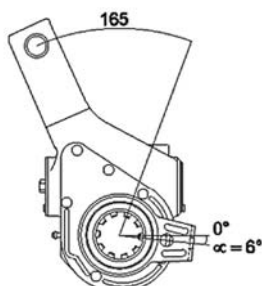
To fit:
Mercedes Bus
 OEM number:
307 420 02 38
 Haldex equivalent:
70771
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB3125

KB3135



To fit:
Volvo Bus
 OEM number:
1197966
 Haldex equivalent:
72785
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB3140

KB3140



To fit:
Volvo Bus
 OEM number:
1197965
 Haldex equivalent:
72784
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB3135

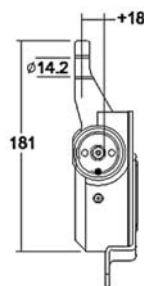
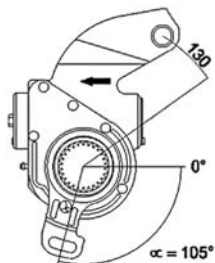
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2. Automatic Slack Adjusters

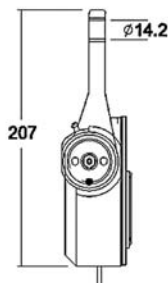
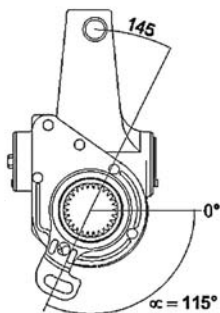
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KB3155



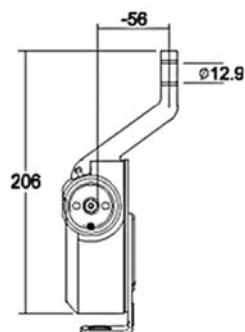
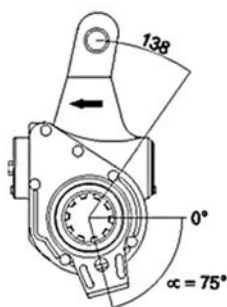
To fit:
Mercedes Bus
 OEM number:
357 420 14 38
 Haldex equivalent:
72810
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB2930

KB3165



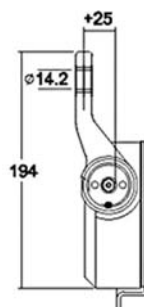
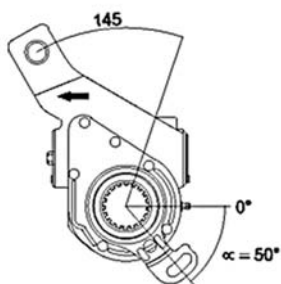
To fit:
MAN Truck
 OEM number:
81.50610-6216
 Haldex equivalent:
79227
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
 -

KB3170



To fit:
MCW Bus
 OEM number:
 -
 Haldex equivalent:
70930
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB2970

KB3175



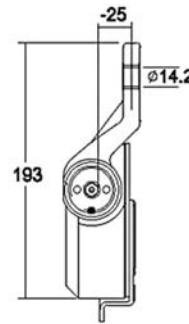
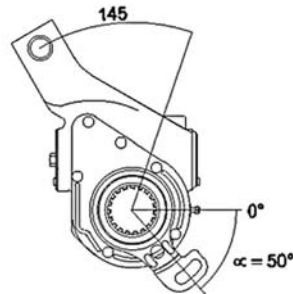
To fit:
Dennis Bus
 OEM number:
656995-105
 Haldex equivalent:
79430
 Spline Type:
19 DIN - 5482
 Opposite hand:
KB3180

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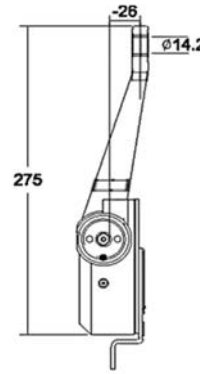
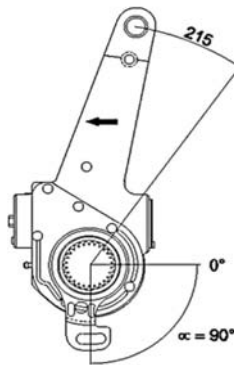
2. Automatic Slack Adjusters

KB3180



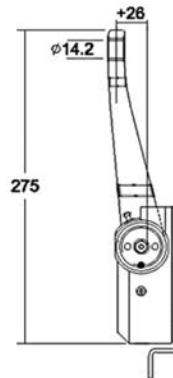
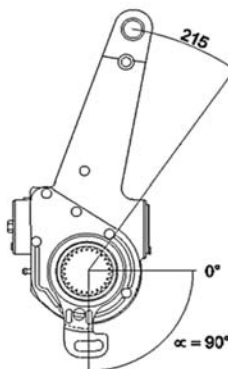
To fit:
Dennis Bus
 OEM number:
656995-104
 Haldex equivalent:
79429
 Spline Type:
19 DIN - 5482
 Opposite hand:
KB3175

KB3185



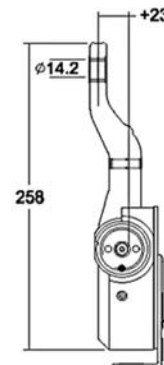
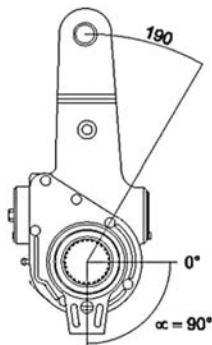
To fit:
MAN
 OEM number:
81.50610-6189
 Haldex equivalent:
79197
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB3190

KB3190



To fit:
MAN
 OEM number:
81.50610-6190
 Haldex equivalent:
79198
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB3185

KB3195



To fit:
Renault Truck and Bus
 OEM number:
5000 785 205
 Haldex equivalent:
79150
 Spline Type:
27 E22-151 BNA-42 x 1.5
 Opposite hand:
KB3200

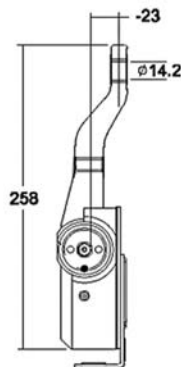
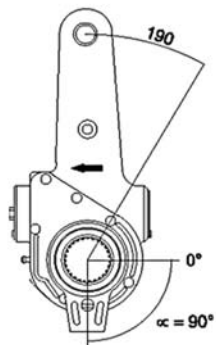
ALL DIMENSIONS ARE IN MILLIMETRES

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2. Automatic Slack Adjusters

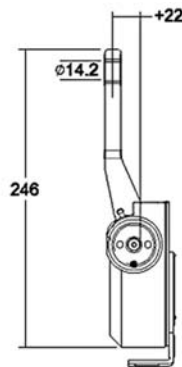
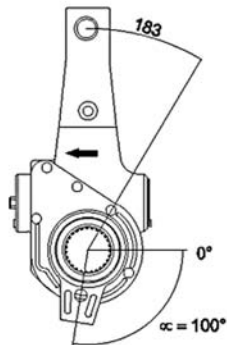
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KB3200



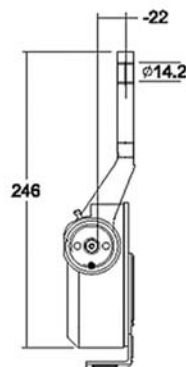
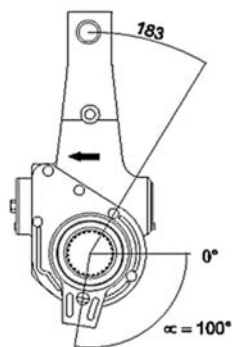
To fit:
Renault Truck and Bus
 OEM number:
5000 785 206
 Haldex equivalent:
79151
 Spline Type:
27 E22-151 BNA-42 x 1.5
 Opposite hand:
KB3195

KB3215



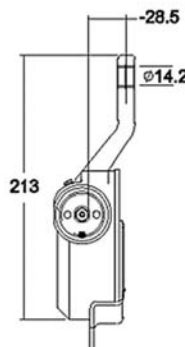
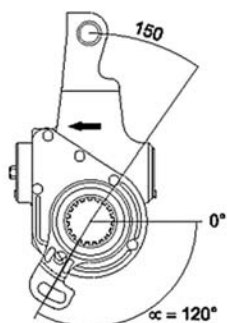
To fit:
Renault Bus
 OEM number:
5000 785 204
 Haldex equivalent:
79153
 Spline Type:
27 E22-151 BNA-42 x 1.5
 Opposite hand:
KB3220

KB3220



To fit:
Renault Bus
 OEM number:
5000 785 203
 Haldex equivalent:
79152
 Spline Type:
27 E22-151 BNA-42 x 1.5
 Opposite hand:
KB3215

KB3225



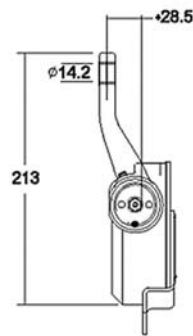
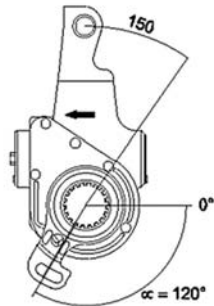
To fit:
Van Hool Bus
 OEM number:
633106150
 Haldex equivalent:
72646
 Spline Type:
19 DIN - 5482
 Opposite hand:
KB3230

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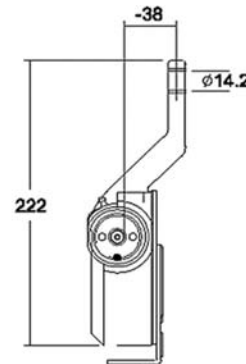
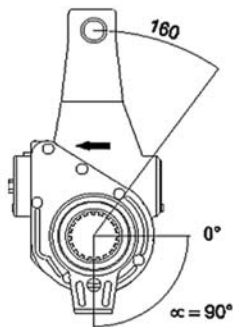
2. Automatic Slack Adjusters

KB3230



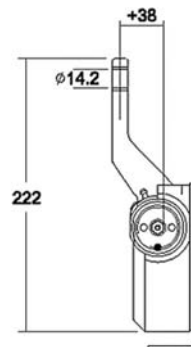
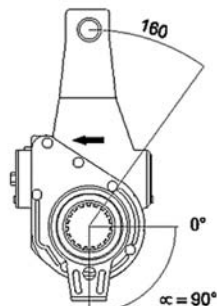
To fit:
Van Hool Bus
 OEM number:
633106140
 Haldex equivalent:
72647
 Spline Type:
19 DIN - 5482
 Opposite hand:
KB3225

KB3255



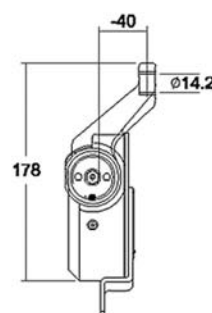
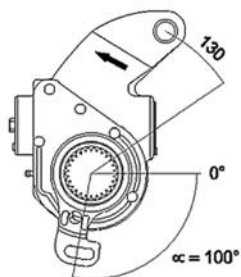
To fit:
Kässbohrer Bus
 OEM number:
82830005520
 Haldex equivalent:
72014
 Spline Type:
19 DIN - 5482
 Opposite hand:
KB3260

KB3260



To fit:
Kässbohrer Bus
 OEM number:
82830005530
 Haldex equivalent:
72015
 Spline Type:
19 DIN - 5482
 Opposite hand:
KB3255

KB3265



To fit:
MAN Bus
 OEM number:
81.50610-6206
 Haldex equivalent:
79216
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB3270

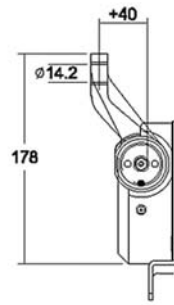
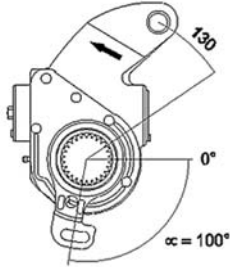
ALL DIMENSIONS ARE IN MILLIMETRES

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2. Automatic Slack Adjusters

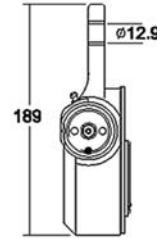
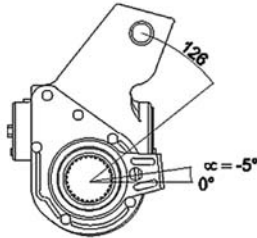
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KB3270



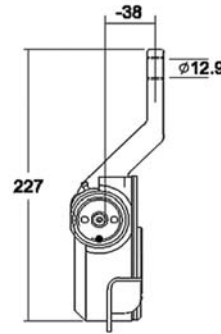
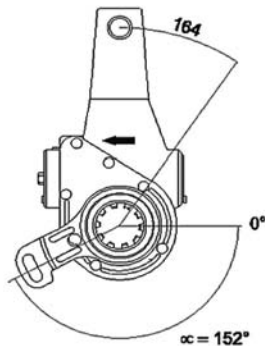
To fit:
MAN Bus
 OEM number:
81.50610-6205
 Haldex equivalent:
79217
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB3265

KB3300



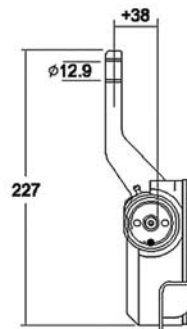
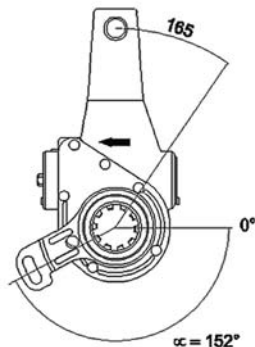
To fit:
Foden Truck
 OEM number:
2700040000
 Haldex equivalent:
72939
 Spline Type:
28 ANSI-B92.1
 Opposite hand:
 -

KB3325



To fit:
Dennis Bus
 OEM number:
656007-30
 Haldex equivalent:
79156
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB3330

KB3330



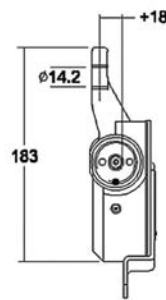
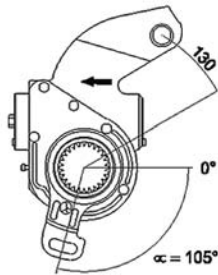
To fit:
Dennis Bus
 OEM number:
656007-29
 Haldex equivalent:
79157
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB3325

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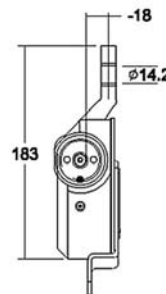
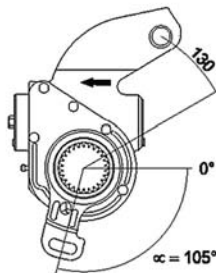
2. Automatic Slack Adjusters

KB3335



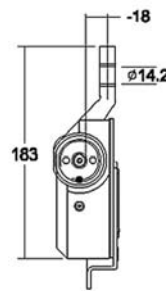
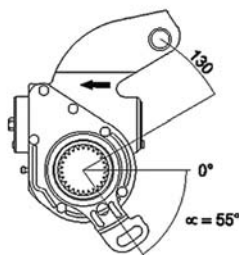
To fit:
MAN Bus
 OEM number:
81.50610-6203
 Haldex equivalent:
79220
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB3340

KB3340



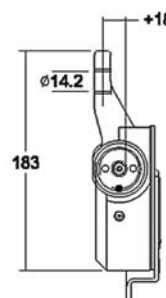
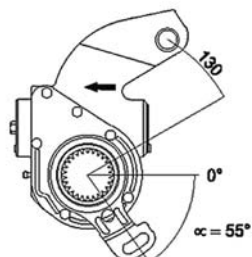
To fit:
MAN Bus
 OEM number:
81.50610-6204
 Haldex equivalent:
79219
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB3335

KB3345



To fit:
MAN Bus
 OEM number:
81.50610-6229
 Haldex equivalent:
79229
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB3350

KB3350



To fit:
MAN Bus
 OEM number:
81.50610-6228
 Haldex equivalent:
79228
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB3345

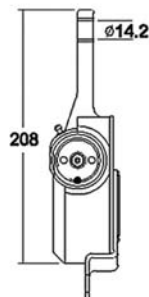
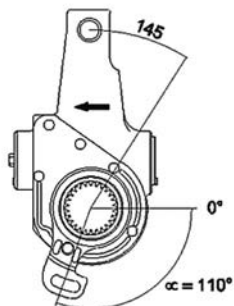
ALL DIMENSIONS ARE IN MILLIMETRES

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2. Automatic Slack Adjusters

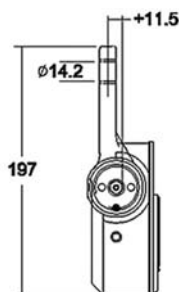
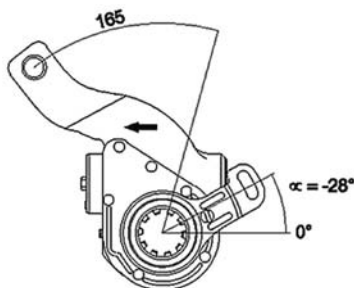
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KB3400



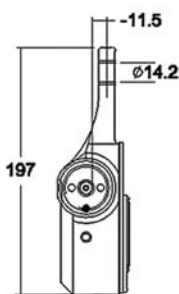
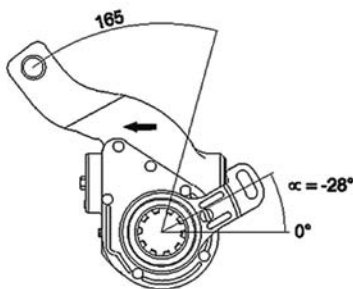
To fit:
MAN Truck and Bus
 OEM number:
81.50610-6217
 Haldex equivalent:
79207
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
 -

KB3425



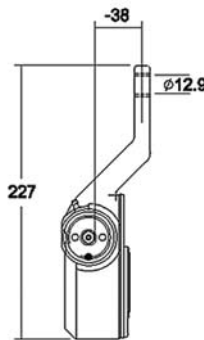
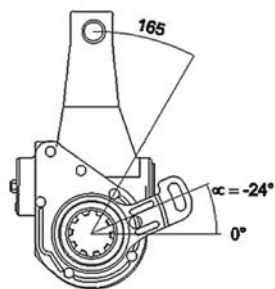
To fit:
DAF Truck
 OEM number:
1282111
 Haldex equivalent:
79024
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB3430

KB3430



To fit:
DAF Truck
 OEM number:
12821112
 Haldex equivalent:
79025
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB3425

KB3440

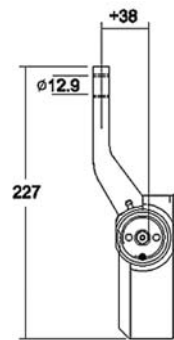
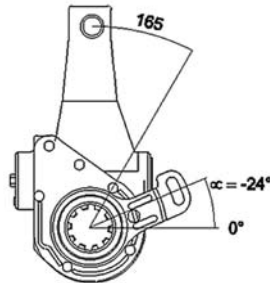


To fit:
Foden Truck
 OEM number:
 -
 Haldex equivalent:
72417
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB3445

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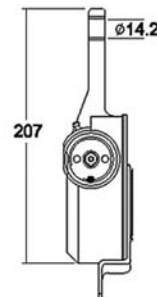
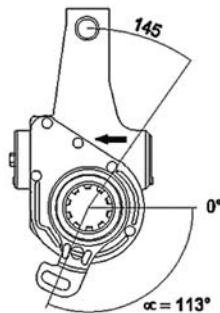
2. Automatic Slack Adjusters

KB3445



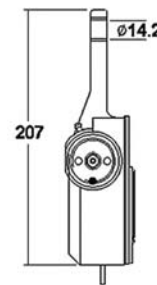
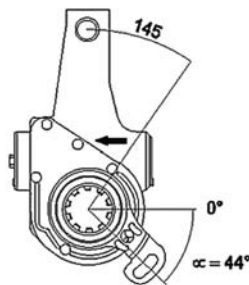
To fit:
Foden Truck
 OEM number:
 -
 Haldex equivalent:
72418
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB3440

KB3450



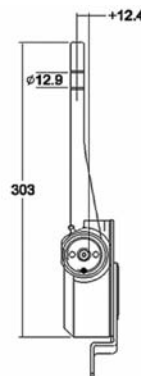
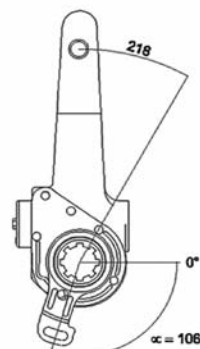
To fit:
Sisu Axle
 OEM number:
1465300811
 Haldex equivalent:
72429
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB3455

KB3455



To fit:
Sisu Axle
 OEM number:
1465300611
 Haldex equivalent:
72428
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB3450

KB3470



To fit:
Iveco Truck
 OEM number:
 -
 Haldex equivalent:
72034
 Spline Type:
8 x DIN 5363
 Opposite hand:
KB3475

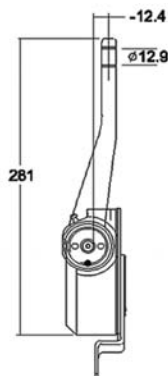
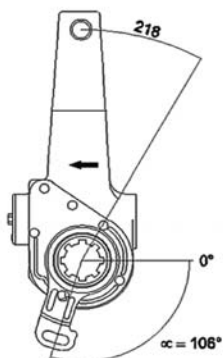
ALL DIMENSIONS ARE IN MILLIMETRES

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2. Automatic Slack Adjusters

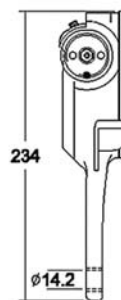
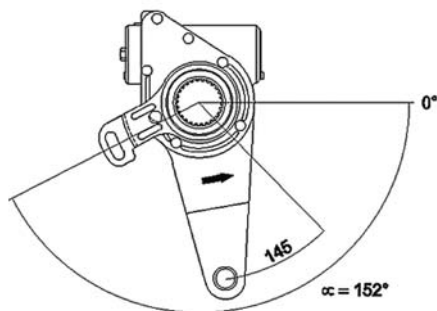
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KB3475



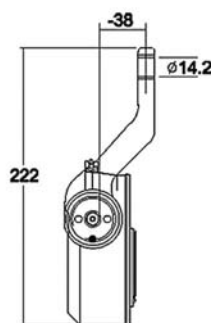
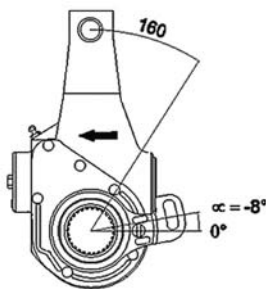
To fit:
Iveco Truck
 OEM number:
 -
 Haldex equivalent:
72033
 Spline Type:
8 x DIN 5363
 Opposite hand:
KB3470

KB3480



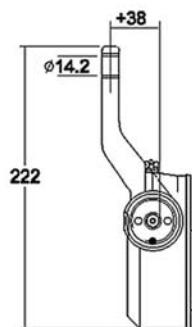
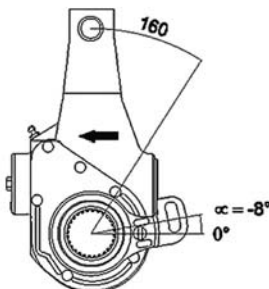
To fit:
Mercedes Bus
 OEM number:
345 420 12 38
 Haldex equivalent:
72178
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
 -

KB3485



To fit:
Renault Truck
 OEM number:
5010 260 027
 Haldex equivalent:
79304
 Spline Type:
28 ANSI-B92.1 - 1996
 Opposite hand:
KB3490

KB3490



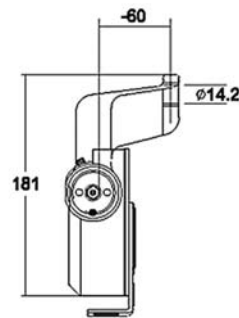
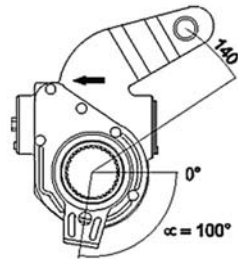
To fit:
Renault Truck
 OEM number:
5010 260 028
 Haldex equivalent:
79305
 Spline Type:
28 ANSI-B92.1 - 1996
 Opposite hand:
KB3485

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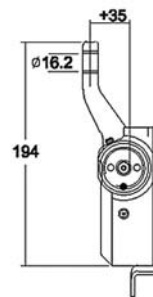
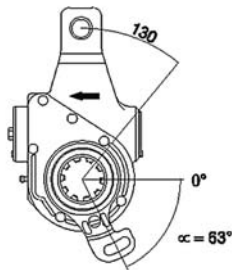
2. Automatic Slack Adjusters

KB3515



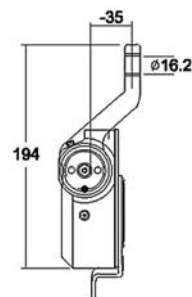
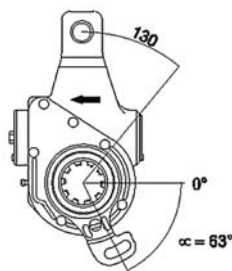
To fit:
-
OEM number:
-
Haldex equivalent:
72603
Spline Type:
33 ANSI-B92.1
Opposite hand:
-

KB3520



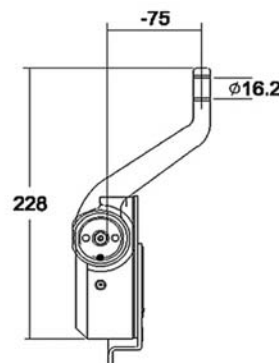
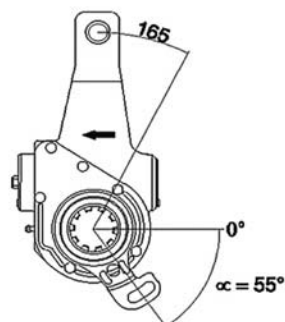
To fit:
Scania Truck
OEM number:
394195
Haldex equivalent:
72729
Spline Type:
10 SAE 1-1/2" - 10c
Opposite hand:
KB3525

KB3525



To fit:
Scania Truck
OEM number:
394196
Haldex equivalent:
72730
Spline Type:
10 SAE 1-1/2" - 10c
Opposite hand:
KB3520

KB3550



To fit:
DAF Truck
OEM number:
219860
Haldex equivalent:
79105
Spline Type:
10 SAE 1-1/2" - 10c
Opposite hand:
KB3555

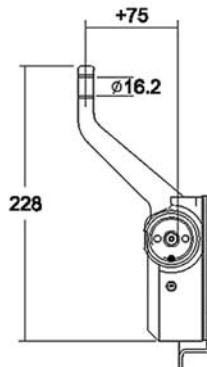
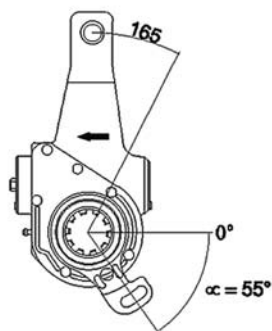
ALL DIMENSIONS ARE IN MILLIMETRES

OEM part numbers used in this catalogue are for cross reference purposes only and do not imply anything about the origin or manufacturer of the product.

2. Automatic Slack Adjusters

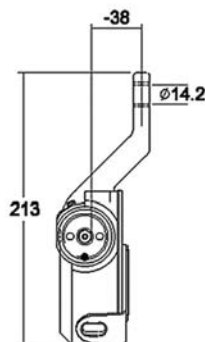
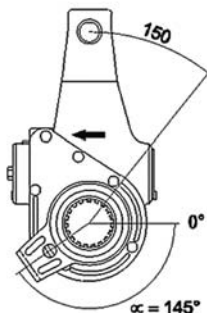
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KB3555



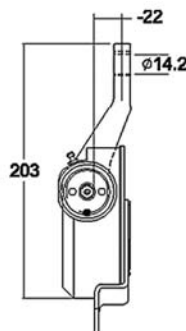
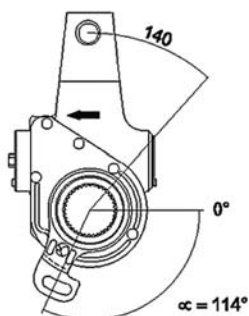
To fit:
DAF Truck
 OEM number:
219859
 Haldex equivalent:
79106
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB3550

KB3575



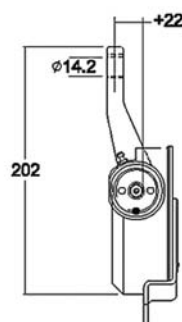
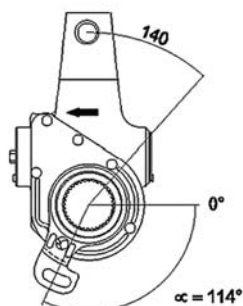
To fit:
Kässbohrer Bus
 OEM number:
82850002130
 Haldex equivalent:
72591
 Spline Type:
19 DIN - 5482
 Opposite hand:
KB2975

KB3585



To fit:
Tatra Truck
 OEM number:
 -
 Haldex equivalent:
72760
 Spline Type:
36 DIN 5481
 Opposite hand:
KB3590

KB3590



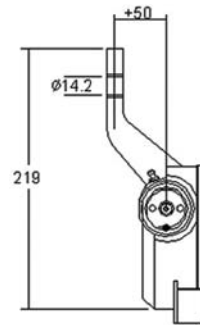
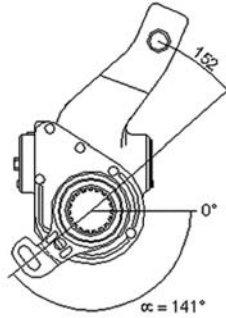
To fit:
Tatra Truck
 OEM number:
 -
 Haldex equivalent:
72759
 Spline Type:
36 DIN 5481
 Opposite hand:
KB3585

ALL DIMENSIONS ARE IN MILLIMETRES

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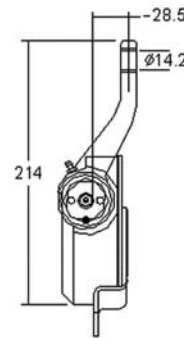
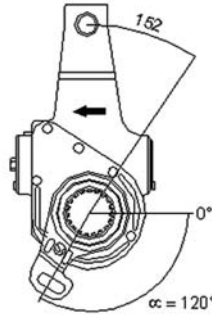
2. Automatic Slack Adjusters

KB3645



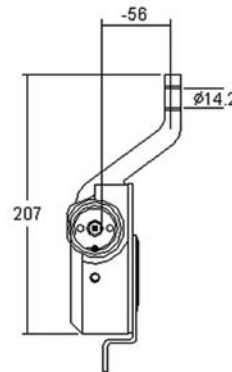
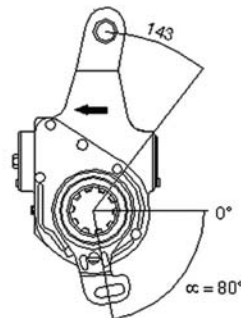
To fit:
Iveco Bus
 OEM number:
3231273
 Haldex equivalent:
72929
 Spline Type:
19 DIN - 5482
 Opposite hand:
KB3650

KB3650



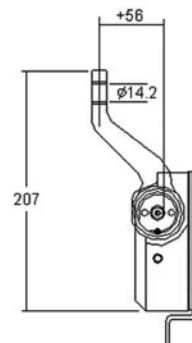
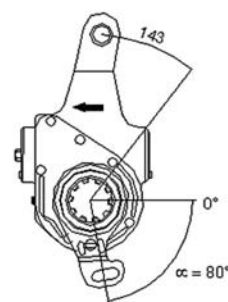
To fit:
Iveco Bus
 OEM number:
3231343
 Haldex equivalent:
72930
 Spline Type:
19 DIN - 5482
 Opposite hand:
KB3645

KB3655



To fit:
DAF Truck
 OEM number:
0159563
 Haldex equivalent:
72544
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB3660

KB3660



To fit:
DAF Truck
 OEM number:
0159564
 Haldex equivalent:
72545
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB3655

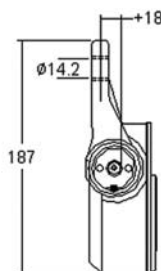
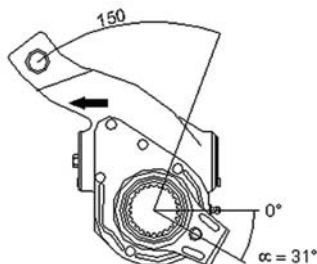
ALL DIMENSIONS ARE IN MILLIMETRES

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2. Automatic Slack Adjusters

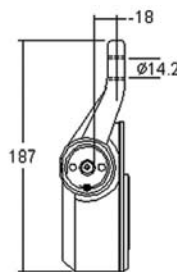
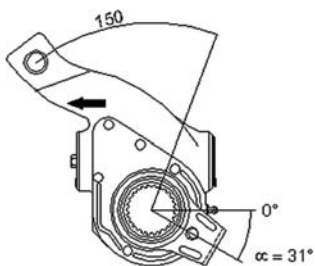
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KB3670



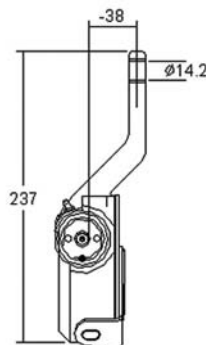
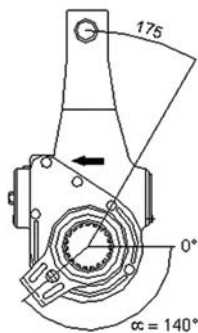
To fit:
Liaz Truck
 OEM number:
 -
 Haldex equivalent:
72357
 Spline Type:
26 Spline
 Opposite hand:
KB3675

KB3675



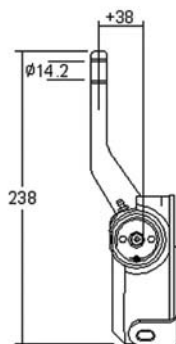
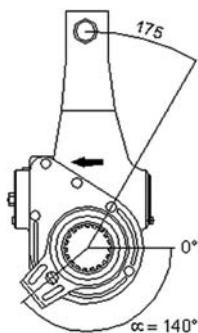
To fit:
Liaz Truck
 OEM number:
 -
 Haldex equivalent:
72358
 Spline Type:
26 Spline
 Opposite hand:
KB3670

KB3680



To fit:
Kässbohrer Bus
 OEM number:
82850000900
 Haldex equivalent:
79040
 Spline Type:
19 DIN - 5482
 Opposite hand:
KB3685

KB3685



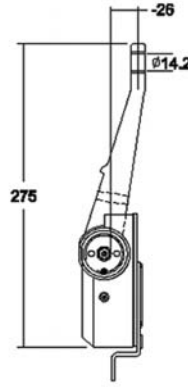
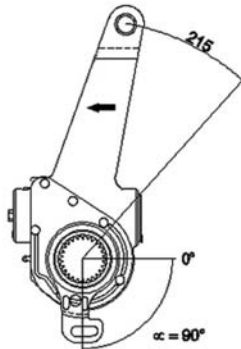
To fit:
Kässbohrer Bus
 OEM number:
82850000890
 Haldex equivalent:
79041
 Spline Type:
19 DIN - 5482
 Opposite hand:
KB3680

ALL DIMENSIONS ARE IN MILLIMETRES

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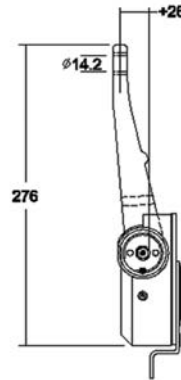
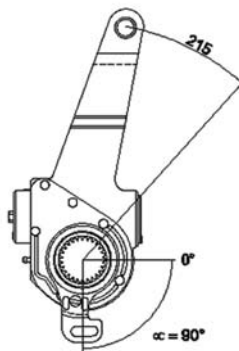
2. Automatic Slack Adjusters

KB3690



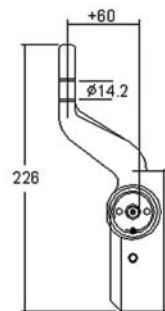
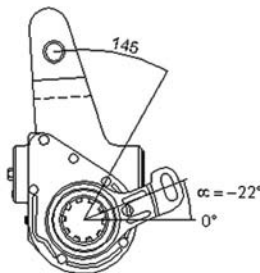
To fit:
MAN Truck
 OEM number:
81.50610-6219
 Haldex equivalent:
79221
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB3695

KB3695



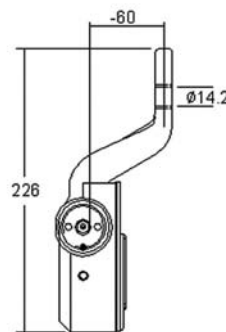
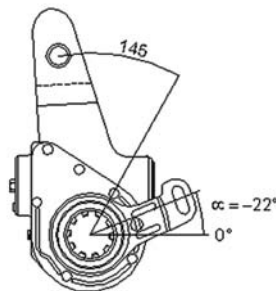
To fit:
MAN Truck
 OEM number:
81.50610-6218
 Haldex equivalent:
79222
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB3690

KB3700



To fit:
DAF Truck
 OEM number:
0755616
 Haldex equivalent:
72704
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB3705

KB3705



To fit:
DAF Truck
 OEM number:
0755617
 Haldex equivalent:
72705
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB3700

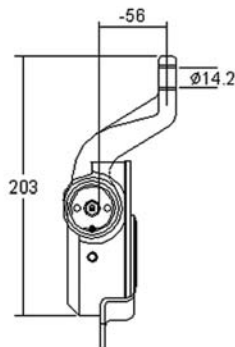
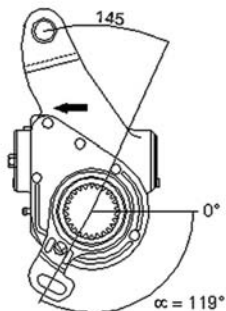
ALL DIMENSIONS ARE IN MILLIMETRES

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2. Automatic Slack Adjusters

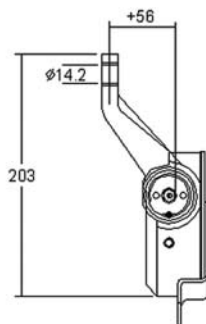
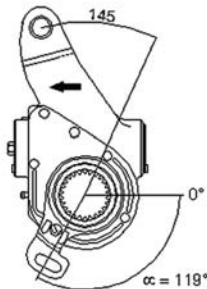
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KB3725



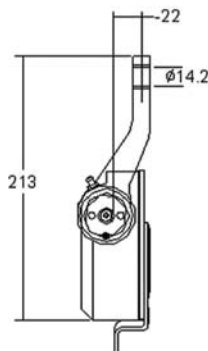
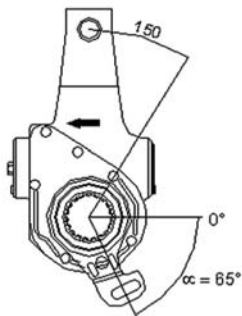
To fit:
MAN Truck
 OEM number:
81.50610-6161
 Haldex equivalent:
79195
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB3730

KB3730



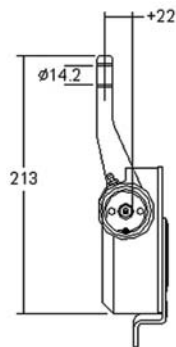
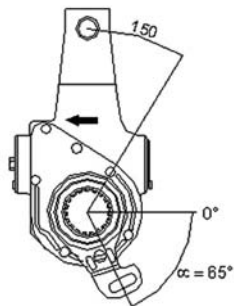
To fit:
MAN Truck
 OEM number:
81.50610-6160
 Haldex equivalent:
79196
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB3725

KB3745



To fit:
Graziano Bus
 OEM number:
 -
 Haldex equivalent:
79064
 Spline Type:
19 DIN - 5482
 Opposite hand:
KB3750

KB3750

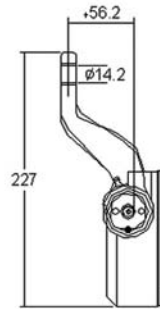
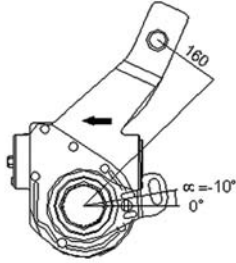


To fit:
Graziano Bus
 OEM number:
 -
 Haldex equivalent:
79063
 Spline Type:
19 DIN - 5482
 Opposite hand:
KB3745

ALL DIMENSIONS ARE IN MILLIMETRES

2. Automatic Slack Adjusters

KB3755



To fit:

Renault

OEM number:

5010 197 578

Haldex equivalent:

79441

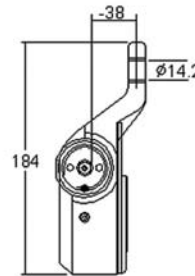
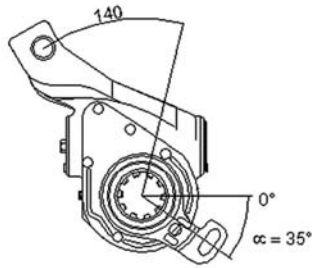
Spline Type:

27 E22-151 BNA-42 x 1.5

Opposite hand:

KB4200

KB3760



To fit:

DAB Bus

OEM number:

0097775

Haldex equivalent:

72680

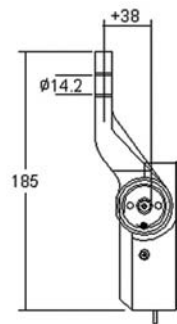
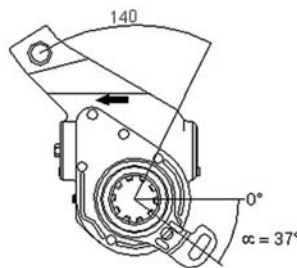
Spline Type:

10 SAE 1-1/2" - 10c

Opposite hand:

KB3790

KB3790



To fit:

DAB Bus

OEM number:

0097774

Haldex equivalent:

72679

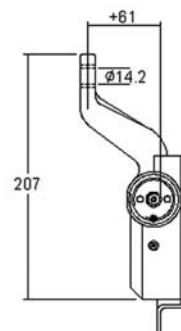
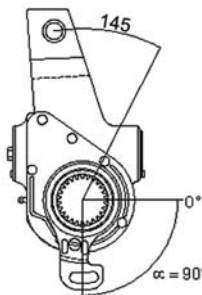
Spline Type:

10 SAE 1-1/2" - 10c

Opposite hand:

KB3760

KB3795



To fit:

Mercedes Truck

OEM number:

623 420 00 38

Haldex equivalent:

72054

Spline Type:

26 DIN 5480 N42 x 1.5

Opposite hand:

KB3800

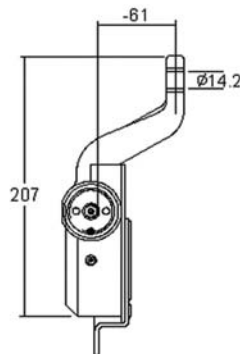
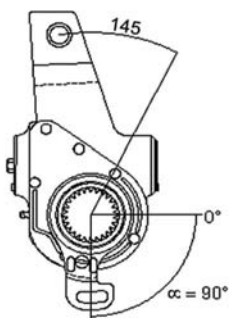
ALL DIMENSIONS ARE IN MILLIMETRES

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2. Automatic Slack Adjusters

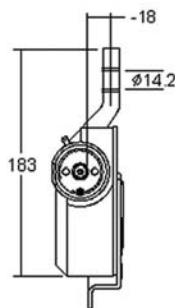
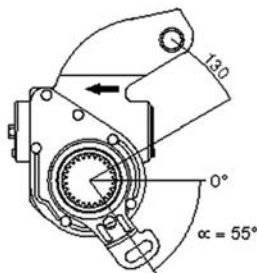
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KB3800



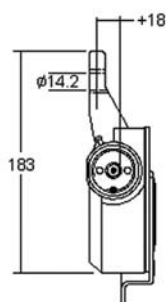
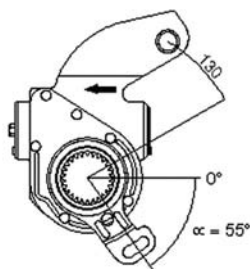
To fit:
Mercedes Truck
 OEM number:
623 420 01 38
 Haldex equivalent:
72055
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB3795

KB3815



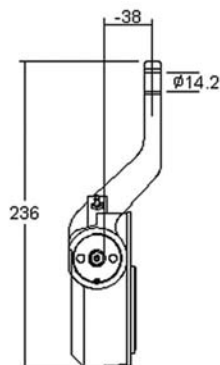
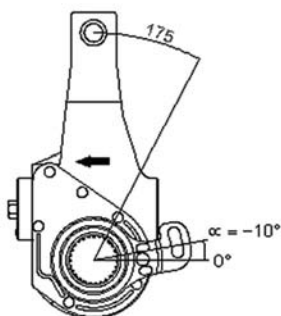
To fit:
Mercedes Bus
 OEM number:
357 420 15 38
 Haldex equivalent:
72811
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB3820

KB3820



To fit:
Mercedes Bus
 OEM number:
357 420 16 38
 Haldex equivalent:
72812
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB3815

KB3840

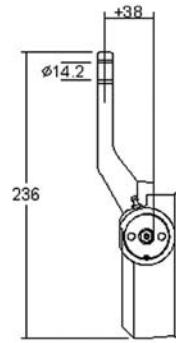
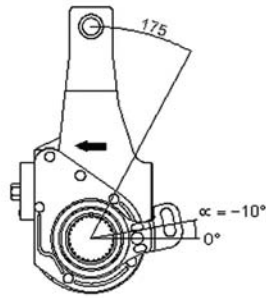


To fit:
Renault Truck
 OEM number:
5010 260 023
 Haldex equivalent:
79306
 Spline Type:
27 E22-151 BNA-42 x 1.5
 Opposite hand:
KB3845

ALL DIMENSIONS ARE IN MILLIMETRES

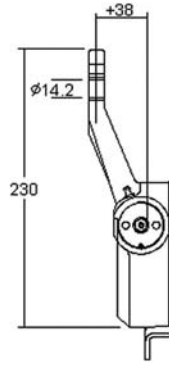
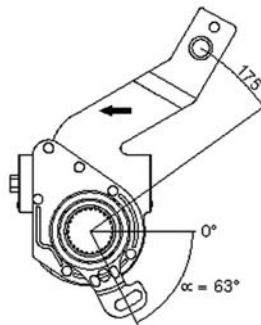
2. Automatic Slack Adjusters

KB3845



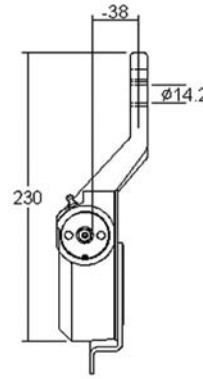
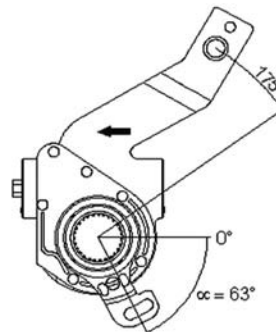
To fit:
Renault Truck
 OEM number:
5010 260 024
 Haldex equivalent:
79307
 Spline Type:
27 E22-151 BNA-42 x 1.5
 Opposite hand:
KB3840

KB3850



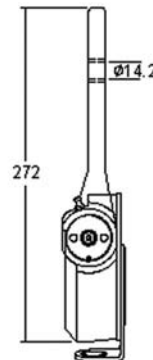
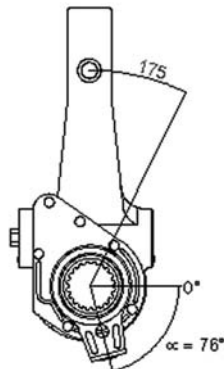
To fit:
Renault Truck
 OEM number:
5010 260 379
 Haldex equivalent:
79312
 Spline Type:
27 E22-151 BNA-42 x 1.5
 Opposite hand:
KB3855

KB3855



To fit:
Renault Truck
 OEM number:
5010 260 380
 Haldex equivalent:
79313
 Spline Type:
27 E22-151 BNA-42 x 1.5
 Opposite hand:
KB3850

KB3900



To fit:
Liaz Bus
 OEM number:
 -
 Haldex equivalent:
79056
 Spline Type:
20 DIN - 5482
 Opposite hand:
 -

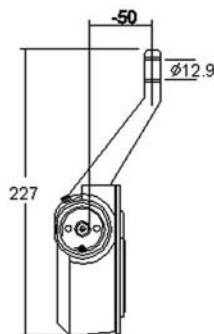
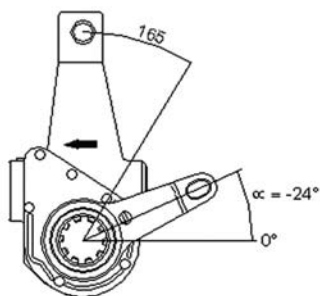
ALL DIMENSIONS ARE IN MILLIMETRES

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2. Automatic Slack Adjusters

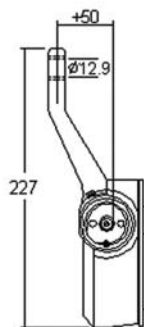
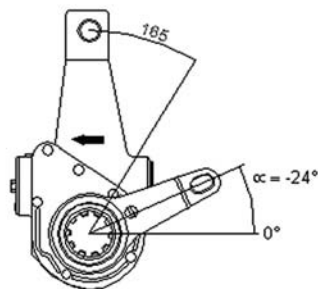
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KB3910



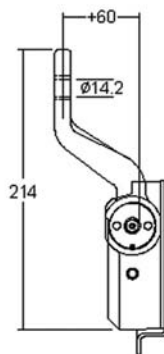
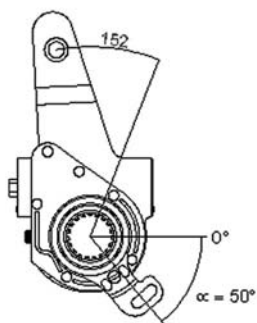
To fit:
Volvo Bus
 OEM number:
3193400
 Haldex equivalent:
79275
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB3915

KB3915



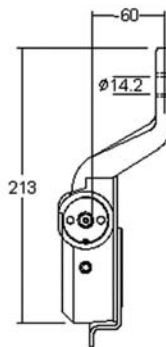
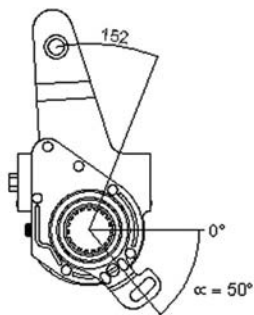
To fit:
Volvo Bus
 OEM number:
3193401
 Haldex equivalent:
79276
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB3910

KB3955



To fit:
Van Hool Bus
 OEM number:
 -
 Haldex equivalent:
72921
 Spline Type:
19 DIN - 5482
 Opposite hand:
KB3960

KB3960



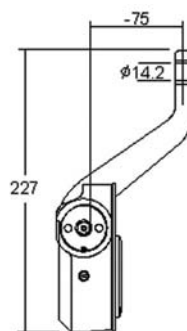
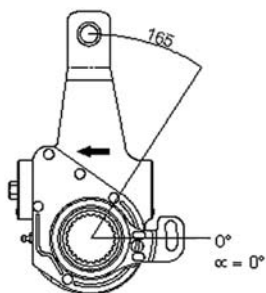
To fit:
Van Hool Bus
 OEM number:
 -
 Haldex equivalent:
72922
 Spline Type:
19 DIN - 5482
 Opposite hand:
KB3955

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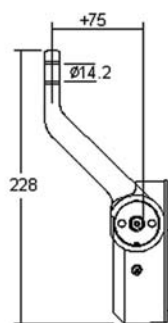
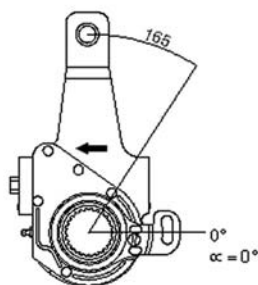
2. Automatic Slack Adjusters

KB3965



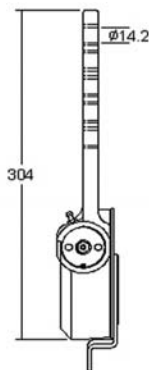
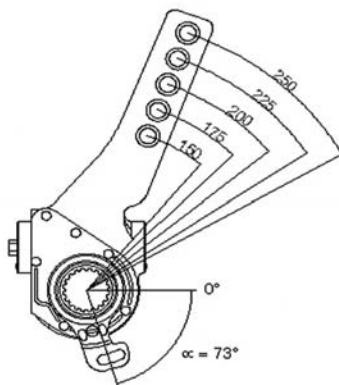
To fit:
Sisu Axle
 OEM number:
5465302011
 Haldex equivalent:
79396
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB3970

KB3970



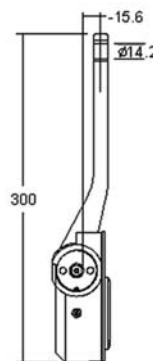
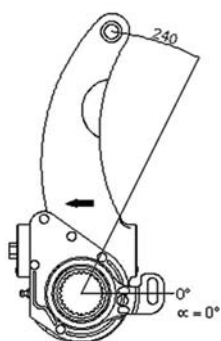
To fit:
Sisu Axle
 OEM number:
5465302021
 Haldex equivalent:
79397
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB3965

KB3995



To fit:
Panav Axle
 OEM number:
 -
 Haldex equivalent:
72888
 Spline Type:
20 DIN - 5482
 Opposite hand:
 -

KB4025



To fit:
Karosa Bus
 OEM number:
 -
 Haldex equivalent:
79059
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB4030

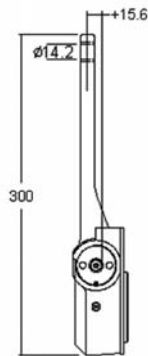
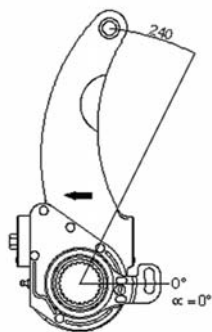
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2. Automatic Slack Adjusters

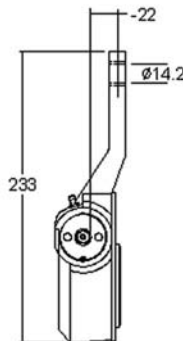
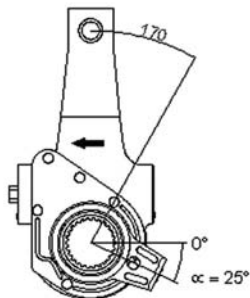
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KB4030



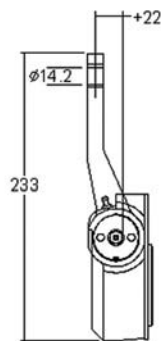
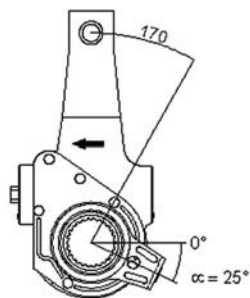
To fit:
Karosa Bus
 OEM number:
 -
 Haldex equivalent:
79060
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB4025

KB4035



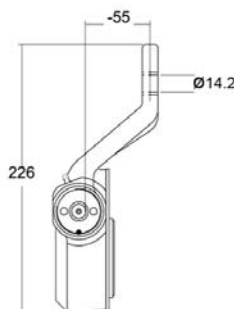
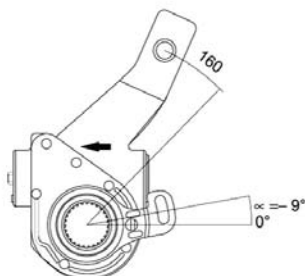
To fit:
Karosa Bus
 OEM number:
 -
 Haldex equivalent:
79057
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB4040

KB4040



To fit:
Karosa Bus
 OEM number:
 -
 Haldex equivalent:
79058
 Spline Type:
26 DIN 5480 N42 x 1.5
 Opposite hand:
KB4035

KB4200



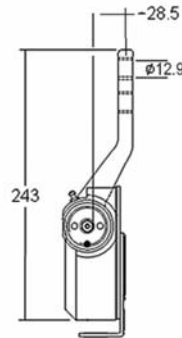
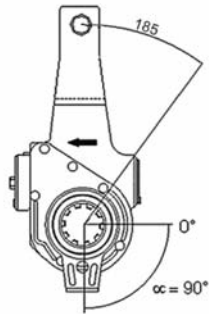
To fit:
Renault
 OEM number:
5010 197 577
 Haldex equivalent:
79440
 Spline Type:
27 E22-151 BNA-42 x 1.5
 Opposite hand:
KB3755

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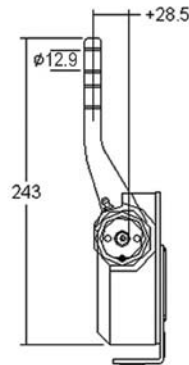
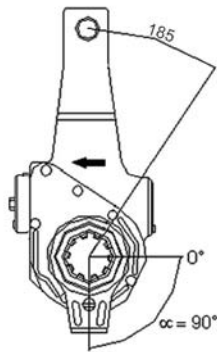
2. Automatic Slack Adjusters

KB4255



To fit:
Volvo Bus
 OEM number:
 -
 Haldex equivalent:
79641
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB4260

KB4260



To fit:
Volvo Bus
 OEM number:
 -
 Haldex equivalent:
79642
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
KB4255

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2. Automatic Slack Adjusters

Notes

2

3. Self-setting Automatic Slack Adjuster - Explanation of Operation

The Knorr-Bremse Self-setting Automatic Slack Adjuster (S-ASA) is a development of the ASA and it offers various technical advantages.

The most obvious difference to the ASA is that the control arm of the S-ASA can be connected to the anchor bracket at any point within its arc of rotation (-16° to +130°).

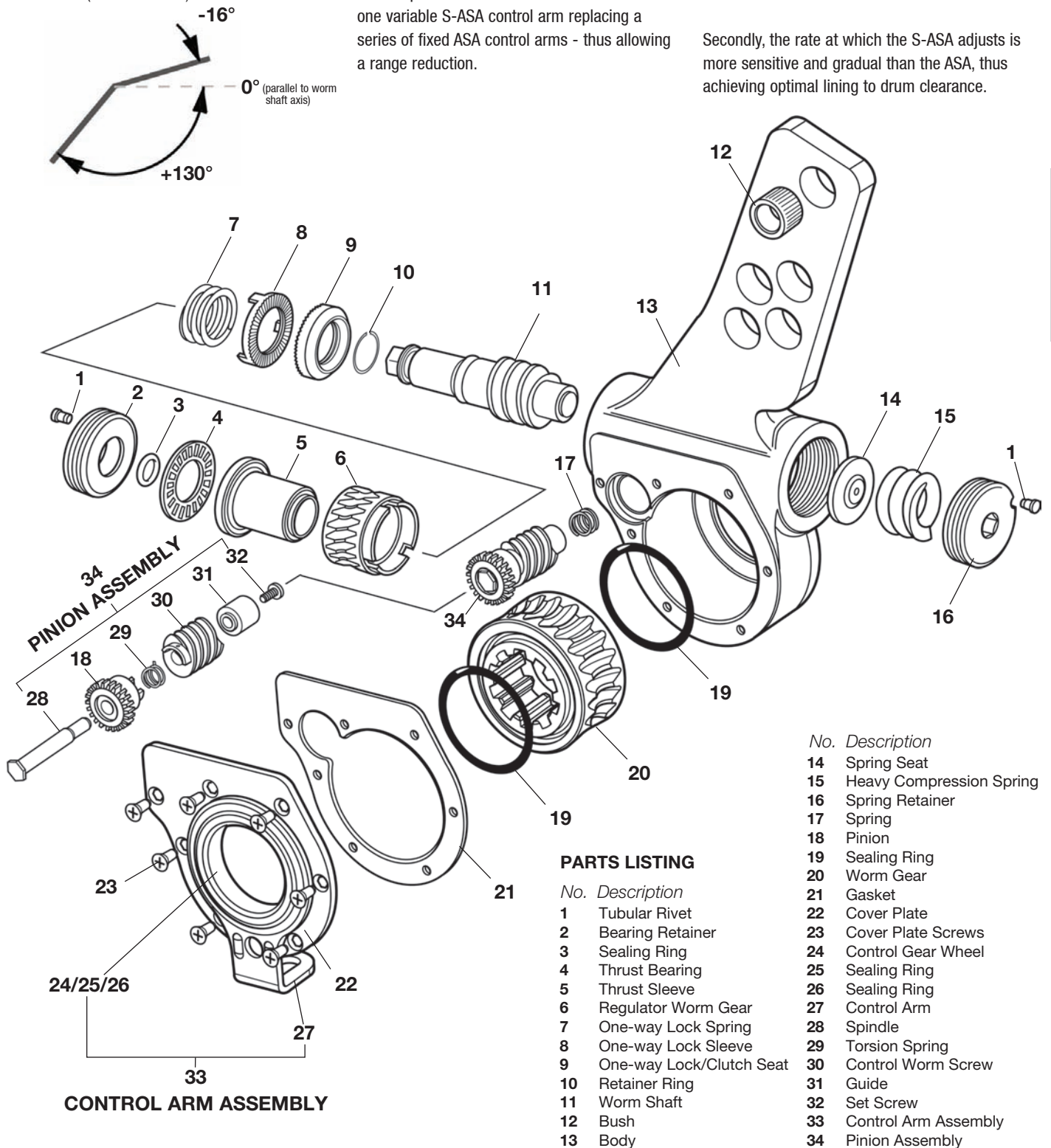
This makes the S-ASA easier to fit than the ASA because there is no need to ensure that the control arm of the S-ASA is rotated to its maximum point of rotation before fixing it. This eliminates a major source of operator error.

It also means that one S-ASA reference can be used in place of more than one ASA reference: one variable S-ASA control arm replacing a series of fixed ASA control arms - thus allowing a range reduction.

However, although superficially the same as the ASA, the internal mechanism of the S-ASA is radically different and two major benefits follow from these differences:

Firstly, the 'O' ring and gasket seals that prevent ingress of dirt and moisture are even more effective than those of the ASA.

Secondly, the rate at which the S-ASA adjusts is more sensitive and gradual than the ASA, thus achieving optimal lining to drum clearance.



3. Self-setting Automatic Slack Adjuster - Explanation of Operation

The purpose of a slack adjuster is to minimise the gap that develops between the brake lining and the brake drum as repeated application of the brake causes wear to the surface of both components.

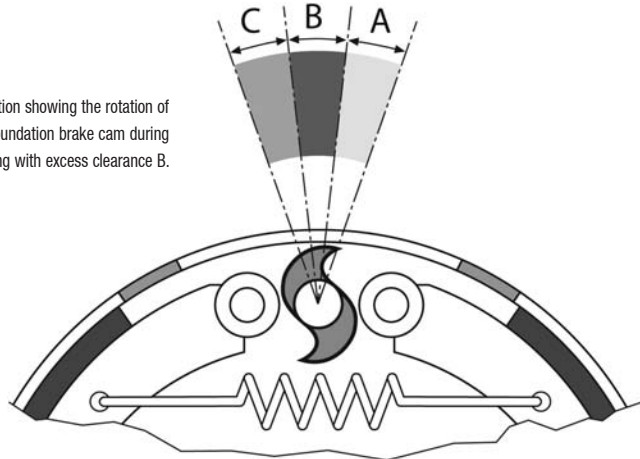
To do this, an automatic slack adjuster (ASA) has to distinguish between the three parts of the braking stroke and only adjust for the appropriate part.

When the brake is applied the slack adjuster rotates the cam through:

- A. The normal preset running clearance angle A - for which no adjustment should be made.
- B. The excess clearance angle B, which develops when linings and drum wear - for which adjustment should be made.

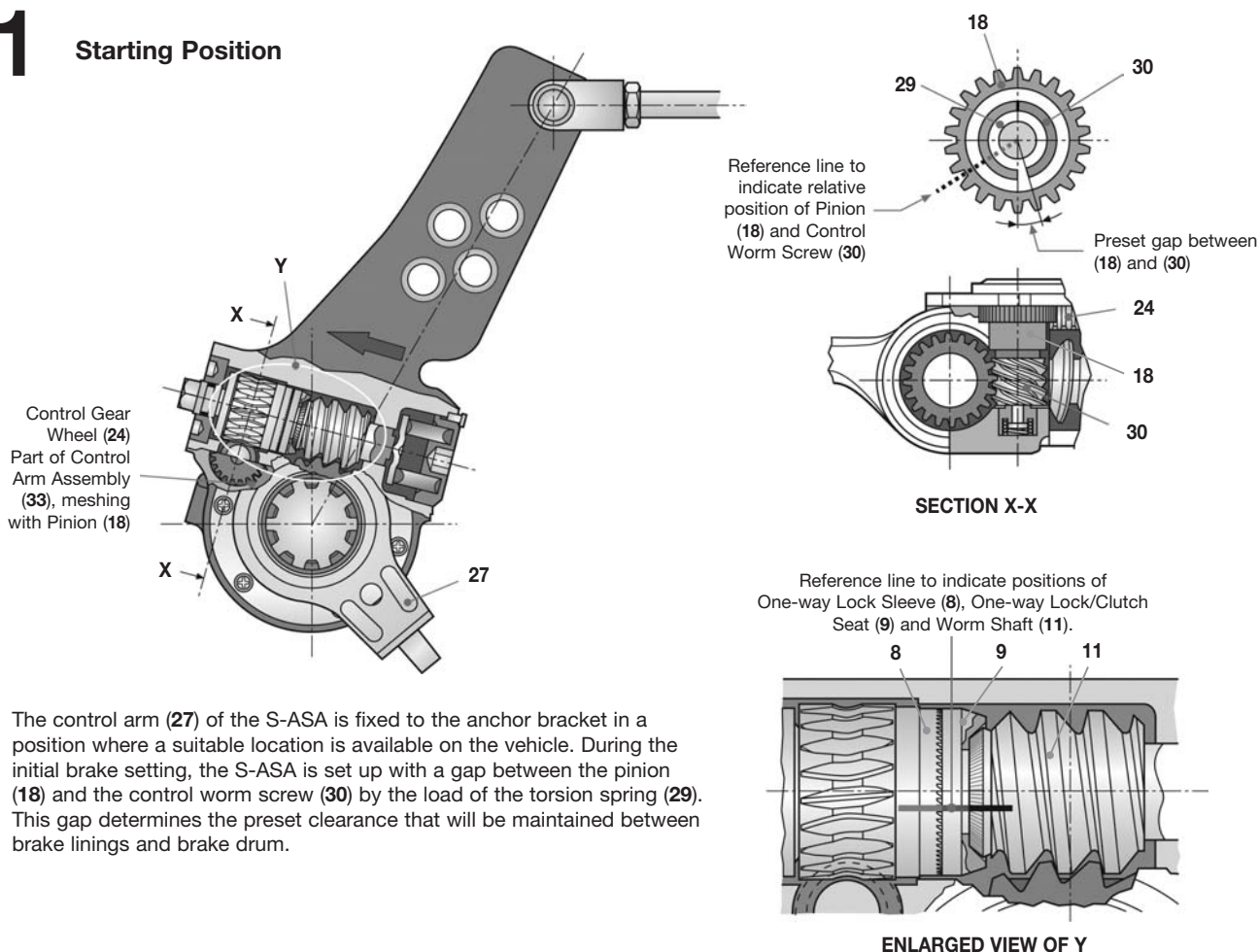
C. The elasticity angle C of the foundation brake, which develops when torque within the foundation brake rises as the brake is applied - for which no adjustment should be made.

Illustration showing the rotation of the foundation brake cam during braking with excess clearance B.



The Self-setting Automatic Slack Adjuster (S-ASA) achieves the correct adjustment as follows:

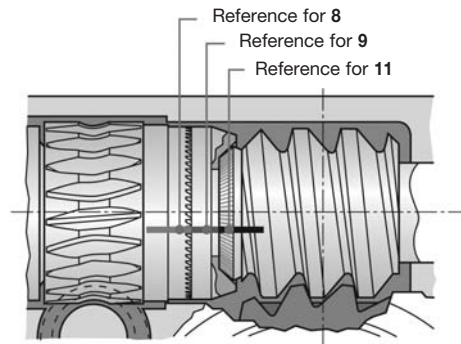
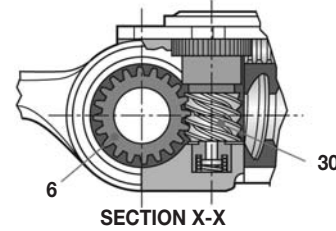
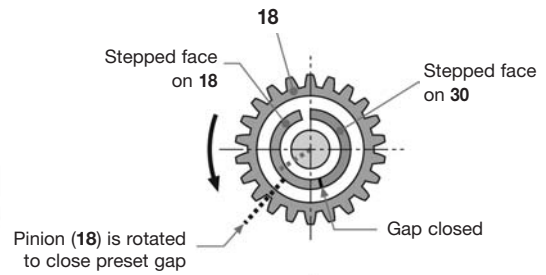
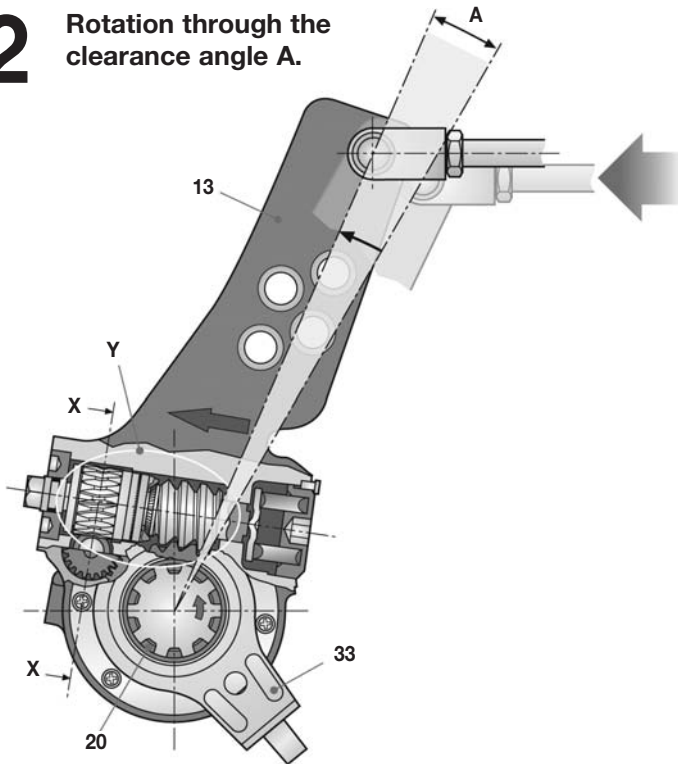
1 Starting Position



The control arm (27) of the S-ASA is fixed to the anchor bracket in a position where a suitable location is available on the vehicle. During the initial brake setting, the S-ASA is set up with a gap between the pinion (18) and the control worm screw (30) by the load of the torsion spring (29). This gap determines the preset clearance that will be maintained between brake linings and brake drum.

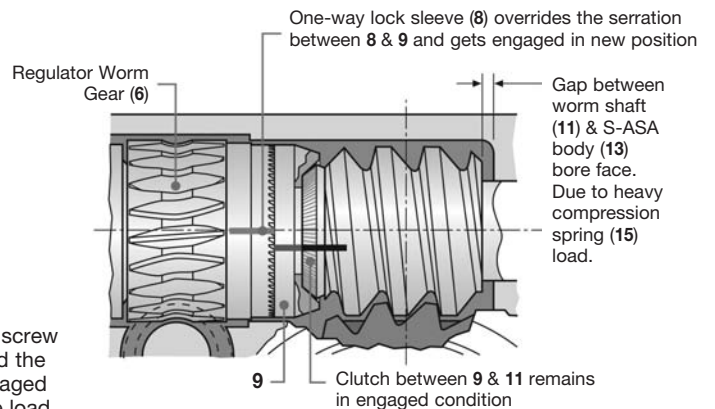
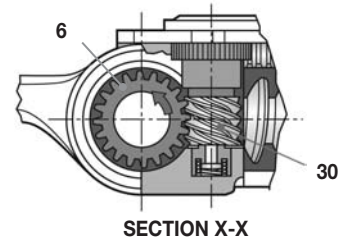
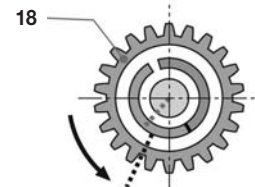
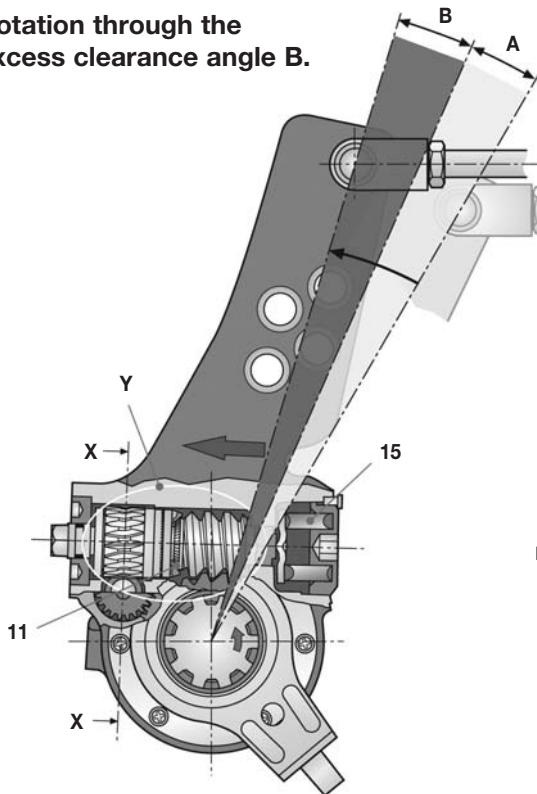
3. Self-setting Automatic Slack Adjuster - Explanation of Operation

2 Rotation through the clearance angle A.



During the initial brake application, the S-ASA rotates through the angle A. The pinion (18) is rotated to point at which the stepped faces of the control worm screw (30) and the pinion (18) meet. The preset gap is eliminated as the body (13) rotates the worm gear (20) which in turn rotates the camshaft, thus lifting the brake linings towards the brake drum. The brake shoes are expanded but, when excess clearance exists, the linings do not touch the brake drum.

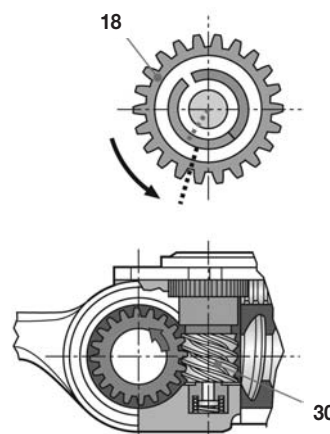
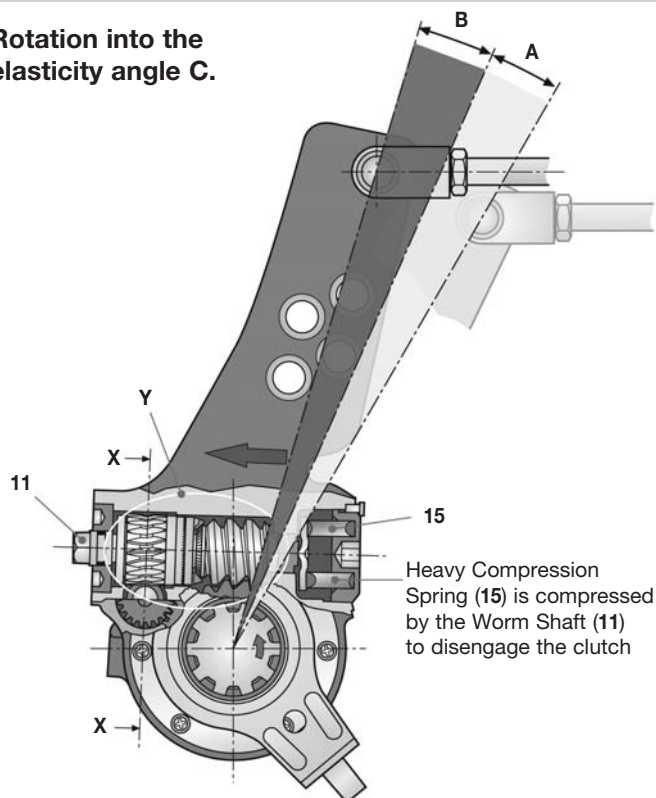
3 Rotation through the excess clearance angle B.



As the S-ASA continues to rotate, the pinion (18) and the control worm screw (30) are also rotated. This in turn rotates the regulator worm gear (6) and the one-way lock sleeve (8). As the one-way lock/clutch seat (9) is fully engaged on the worm shaft (11) by way of the mating serrations on each and the load exerted by the compression spring (15), the one-way lock sleeve (8) rides over the serration between it and the one-way lock/clutch seat (9) becoming engaged in a new position.

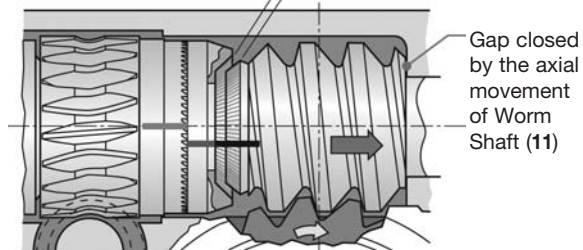
3. Self-setting Automatic Slack Adjuster - Explanation of Operation

4 Rotation into the elasticity angle C.



SECTION X-X

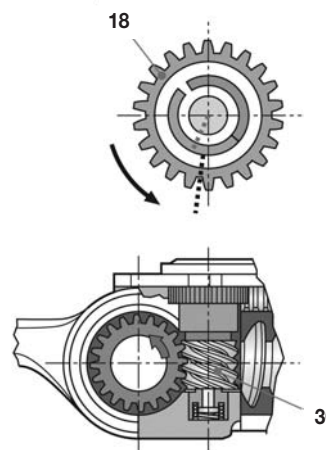
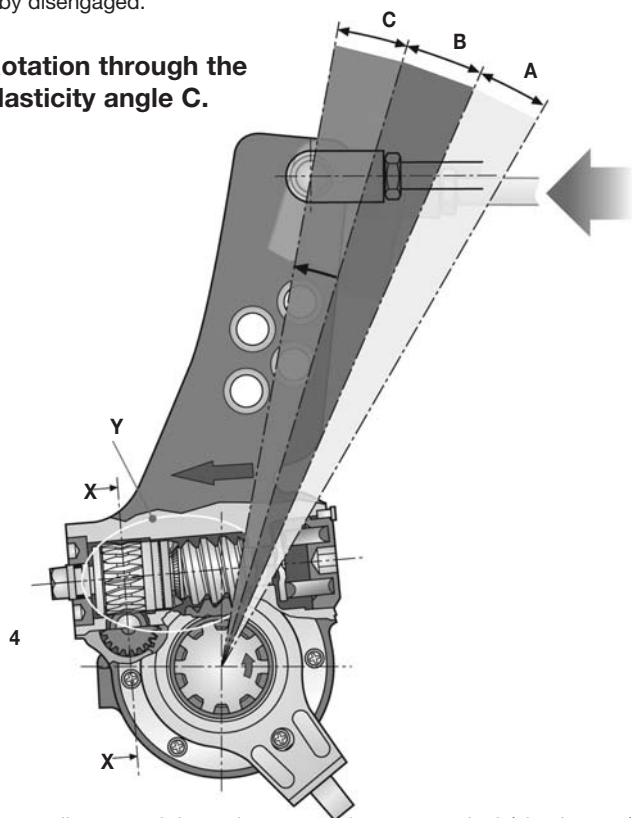
Worm Shaft (11) serration is disengaged from One-way Lock/Clutch (9) serration



ENLARGED VIEW OF Y

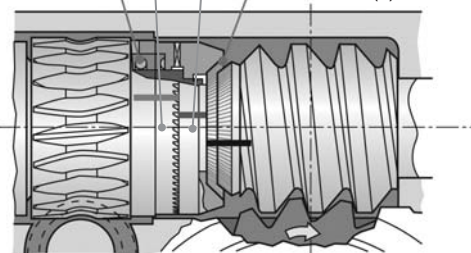
As the brake linings are pressed with increasing force against the brake drum, the counter force on the camshaft and worm wheel increases rapidly. This force, transmitted through the worm gear (20), forces the worm shaft (11) back onto the compression spring (15) which compresses so that the serrated portion of the worm shaft (11) is moved away from the one-way lock/clutch seat (9) and the clutch is thereby disengaged.

5 Rotation through the elasticity angle C.



SECTION X-X

Disengaged clutch allows One-way Lock/Clutch Seat (9) to rotate freely with the One-way Lock Sleeve (8).

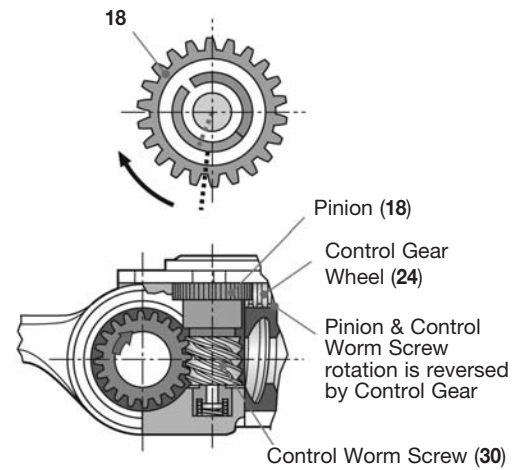
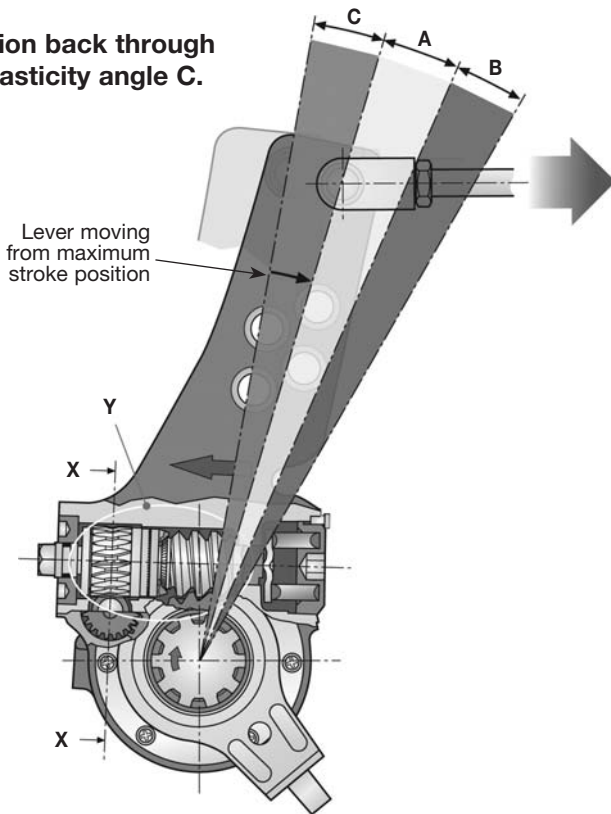


ENLARGED VIEW OF Y

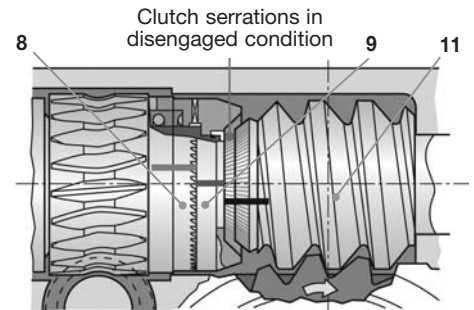
As the clutch is now disengaged the resistance on the one-way lock/clutch seat (9) is greatly reduced and it rotates with the one-way lock sleeve (8), as though it were one unit, retaining the relative positions of the two components. During this operation, if there is any partial engagement between the one-way lock sleeve (8) and the one-way lock/clutch seat (9), it will slip back slightly because of the load from the one-way lock spring (7) and engage at the preceding point of engagement.

3. Self-setting Automatic Slack Adjuster - Explanation of Operation

6 Rotation back through the elasticity angle C.



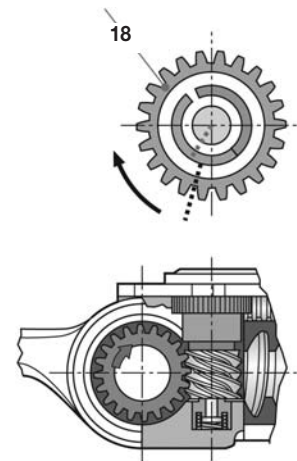
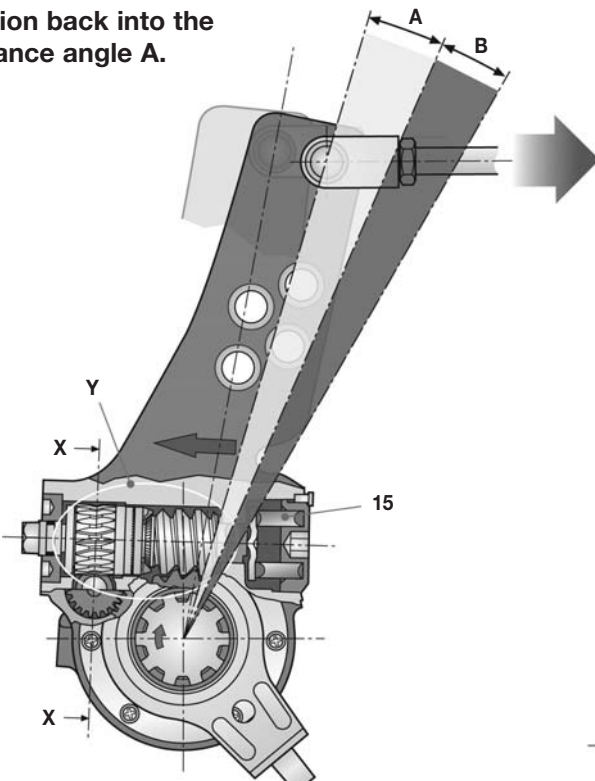
SECTION X-X



ENLARGED VIEW OF Y

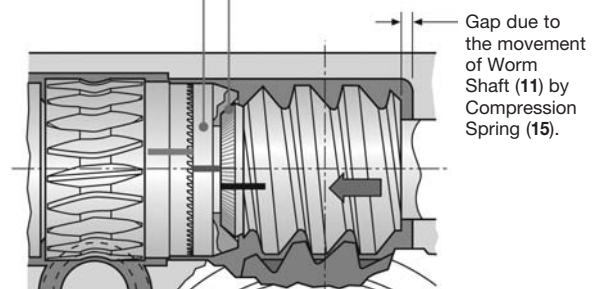
When the brake is released, the pinion (18) is rotated in a clockwise direction by the control gear wheel (24) and the control worm screw (30) follows the rotation on the pinion (18). The regulator worm gear (6) also follows the pinion rotation together with the one-way lock/clutch seat (9) and the one-way lock sleeve (8). However, the worm shaft (11) remains static because the clutch between the worm shaft (11) and the one-way lock/clutch seat (9) is still disengaged.

7 Rotation back into the clearance angle A.



SECTION X-X

Serration of One Way Lock/Clutch Seat (9) and Worm Shaft (11) engaged.

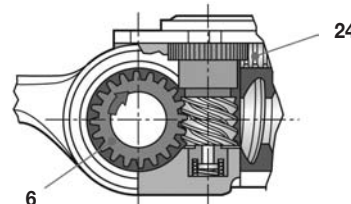
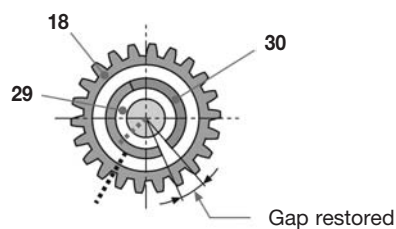
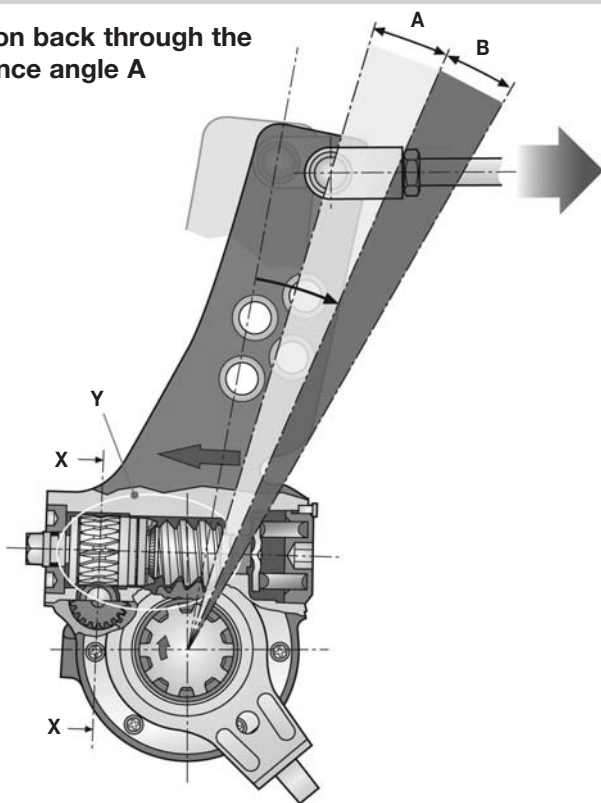


ENLARGED VIEW OF Y

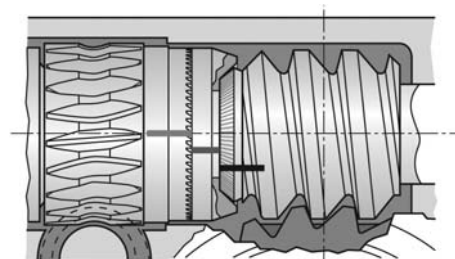
As the brake linings move away from the brake drum, the force is reduced and the load of the heavy compression spring (15) moves the worm shaft (11) to engage the clutch, preventing the free rotation of the one-way lock/clutch seat (9) and the one-way lock sleeve (8).

3. Self-setting Automatic Slack Adjuster - Explanation of Operation

8 Rotation back through the clearance angle A



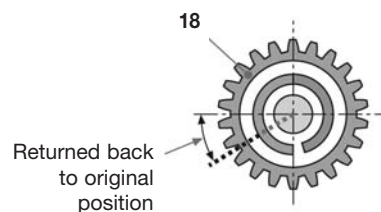
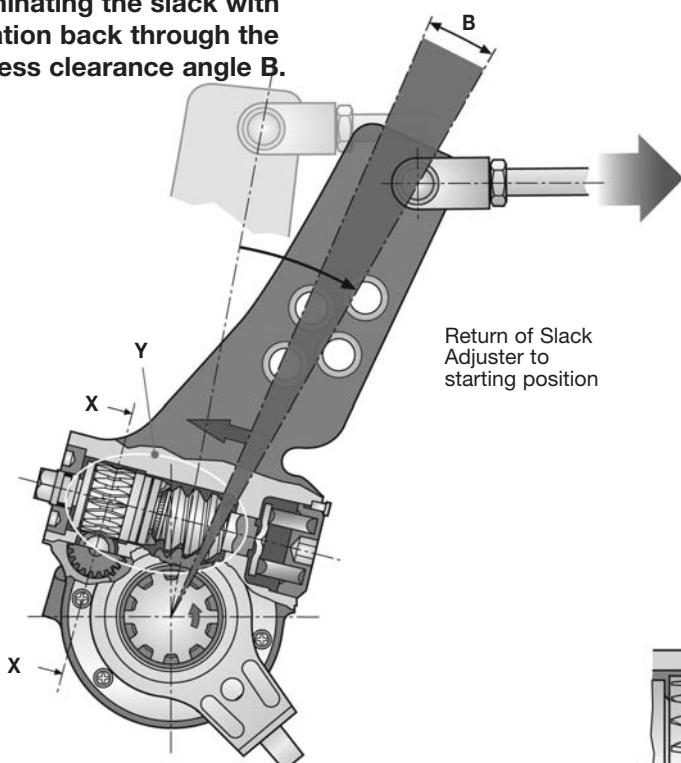
SECTION X-X



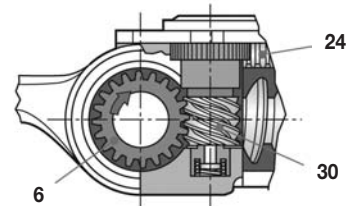
ENLARGED VIEW OF Y

As the S-ASA rotates back in a clockwise direction, the control gear wheel (24) continues to rotate the pinion (18) but because of the friction on the one-way lock/clutch seat (9), which is in the clutch engaged condition, the regulator worm gear (6) is retained in the same position along with the control worm screw (30). The pinion (18) alone is rotated until the gap between the stepped faces of the control worm screw (30) and the pinion (18) is restored.

9 Eliminating the slack with rotation back through the excess clearance angle B.

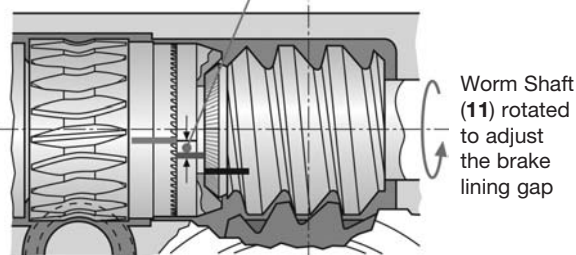


Returned back to original position



SECTION X-X

Brake adjusted to compensate excess clearance by the rotation of the Worm Shaft (11)



ENLARGED VIEW OF Y

As the S-ASA finishes the rotation back to its starting position, the pinion (18) which is rotated by the control gear wheel (24), rotates the control worm screw (30). Because the regulator worm gear (6) along with the one-way lock sleeve (8) and the one-way lock/clutch seat (9) are engaged with the worm shaft (11) by the clutch, further rotation of the pinion (18) rotates the worm shaft (11) which, in turn, rotates the worm gear (20) and the camshaft. This rotation of the camshaft reduces the excess clearance between the brake linings and the brake drum, and so automatic adjustment is complete.

4. Self-setting Automatic Slack Adjusters

Introduction

For information on where to find the part number on the slack adjuster see Section 5. Each part number shown in this section of the manual is represented by three images.

Image 1 - Photograph of the listed part.

It shows the general appearance of the slack adjuster and the angle of the photograph is such that the offset and inclination of the body can be easily discerned.

Image 2 - Front view drawing.

The distance from the centre of the worm gear to the centre of the clevis pin hole(s) is indicated in millimetres.

The angle of the control arm is not defined as this is not relevant on self-setting automatic slack adjusters.

Image 3 - Side view drawing.

The overall length, shown in millimetres, does not include the control arm extension. The internal diameter of each clevis pin bush is shown in millimetres. A dimension shown applies to the bush and any bush at a smaller radius. Sometimes the outer hole in trailer slack adjusters is used for a mechanical hand brake attachment, often without a bush, and in this case is a larger size (see diagram for Image 3 - in the example shown the outer hole has a diameter of 16.2mm and the inner five have a bush diameter of 14.2mm).

If the body casting is offset this measurement is taken as follows:

Take the distance from the centre of the body casting where the hexagon nut extends to the centre of the casting at the last clevis pin hole (the example in Image 3 shows a straight arm unit, i.e. 0 offset). "-" in front of the offset indicates that the offset is to the right when viewing the hexagon nut and "+" indicates that the offset is to the left.

To the right of the three images information concerning the listed part is displayed:

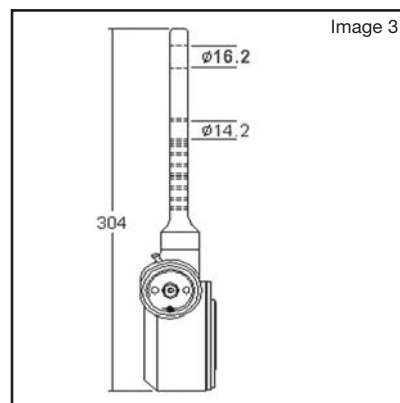
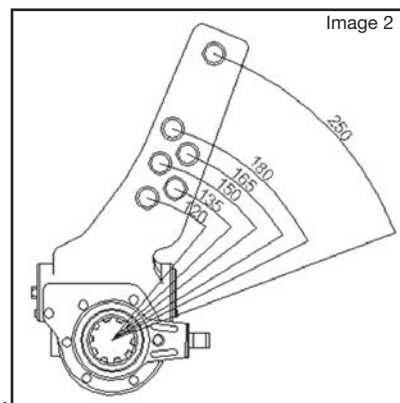
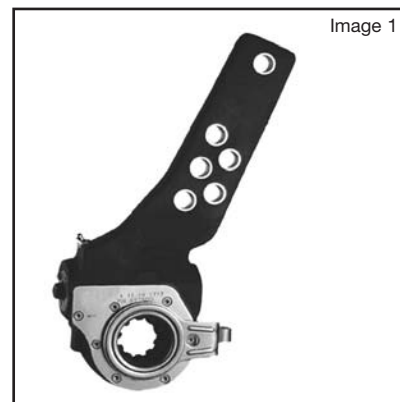
"To fit:" gives details of the Original Equipment vehicle application.

"OEM number:" shows the part number of the Original Equipment Manufacturer (OEM). Other manufacturer numbers can be found in Section 7.

"Haldex equivalent:" gives the part number of the equivalent automatic slack adjuster made by Haldex.

"Spline Type:" shows the specification of the mounting spline.

"Opposite hand:" gives the part number of the matching opposite hand adjuster for units with an offset.

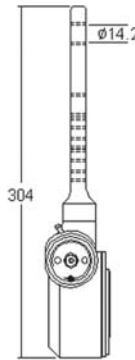
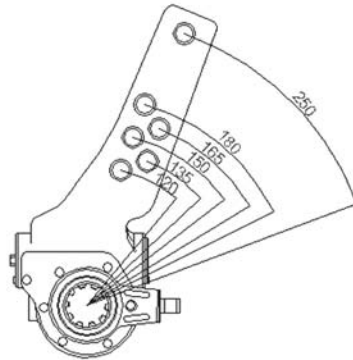


To fit:
BPW Trailer Axle
 OEM number:
0517482222
 Haldex equivalent:
80099
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

ALL DIMENSIONS ARE IN MILLIMETRES

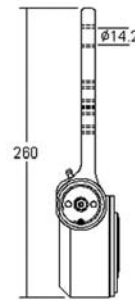
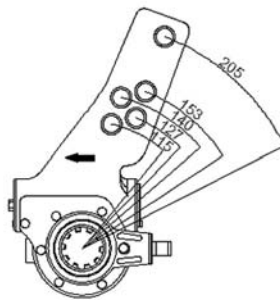
4. Self-setting Automatic Slack Adjusters

KB1500



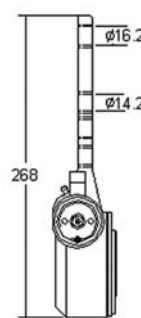
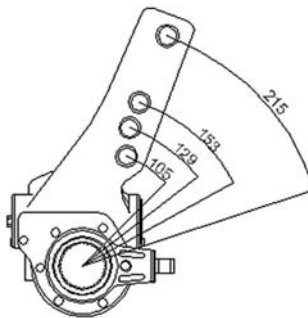
To fit:
BPW Trailer Axle
 OEM number:
0517482212
 Haldex equivalent:
80019
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB1505



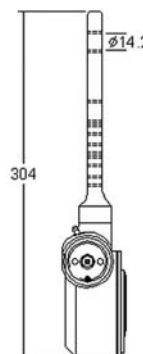
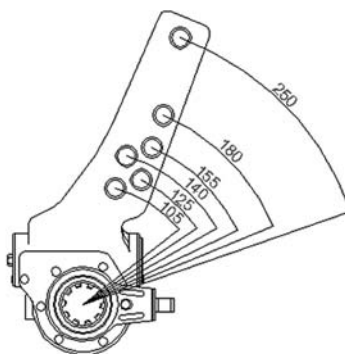
To fit:
Meritor Trailer Axle
 OEM number:
21229249
 Haldex equivalent:
80020
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB1510



To fit:
Fruehauf Trailer Axle
 OEM number:
AJB0743001
 Haldex equivalent:
80021
 Spline Type:
37 ANSI-B92.1
 Opposite hand:
 -

KB1515



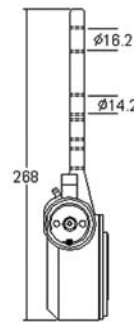
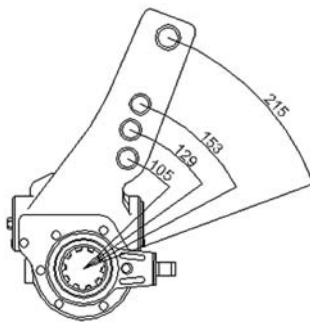
To fit:
SAF Trailer Axle
 OEM number:
4175024900
 Haldex equivalent:
80022
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

ALL DIMENSIONS ARE IN MILLIMETRES

OEM part numbers used in this catalogue are for cross reference purposes only and do not imply anything about the origin or manufacturer of the product.

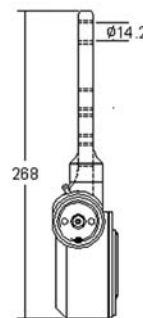
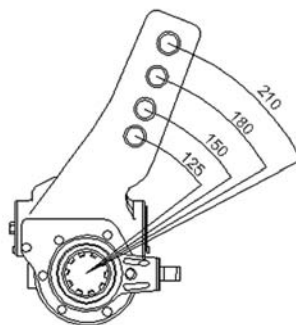
4. Self-setting Automatic Slack Adjusters

KB1520



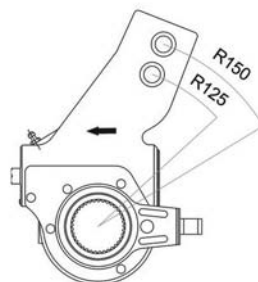
To fit:
SMB Trailer Axle
 OEM number:
MO02416
 Haldex equivalent:
80023
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB1525



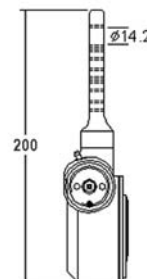
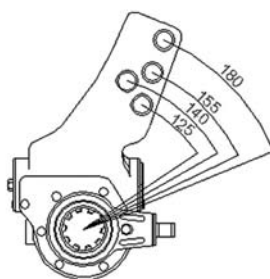
To fit:
Trailor Trailer Axle
 OEM number:
TOO17649Z
 Haldex equivalent:
80024
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

KB1530



To fit:
Henred Trailer Axle
 OEM number:
 -
 Haldex equivalent:
80037
 Spline Type:
37 ANSI-B92.1
 Opposite hand:
 -

KB1535



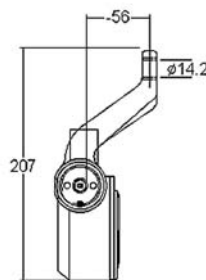
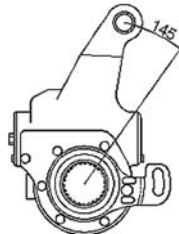
To fit:
SAF Trailer Axle
 OEM number:
4175026200
 Haldex equivalent:
80041
 Spline Type:
10 SAE 1-1/2" - 10c
 Opposite hand:
 -

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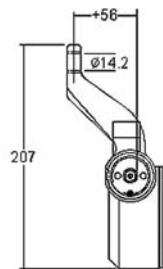
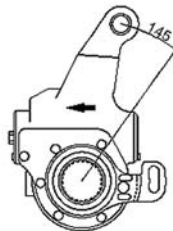
4. Self-setting Automatic Slack Adjusters

KB6500



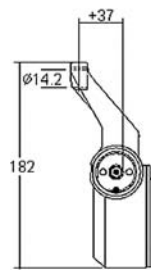
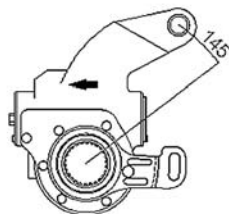
To fit:
Mercedes Actros
 OEM number:
945 420 02 38
 Haldex equivalent:
80000
 Spline Type:
26 DIN5480 N42 x 1.5
 Opposite hand:
KB6505

KB6505



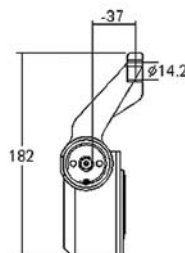
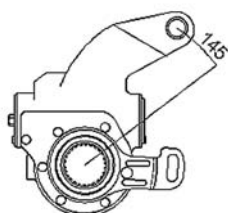
To fit:
Mercedes Actros
 OEM number:
945 420 03 38
 Haldex equivalent:
80001
 Spline Type:
26 DIN5480 N42 x 1.5
 Opposite hand:
KB6500

KB6510



To fit:
Mercedes Actros
 OEM number:
945 420 00 38
 Haldex equivalent:
80008
 Spline Type:
26 DIN5480 N42 x 1.5
 Opposite hand:
KB6515

KB6515



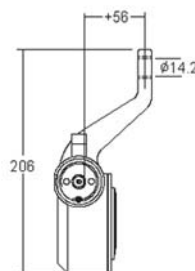
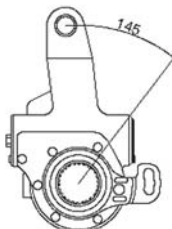
To fit:
Mercedes Actros
 OEM number:
945 420 01 38
 Haldex equivalent:
80009
 Spline Type:
26 DIN5480 N42 x 1.5
 Opposite hand:
KB6510

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4. Self-setting Automatic Slack Adjusters

KB6520



To fit:

Mercedes Actros

OEM number:

945 420 08 38

Haldex equivalent:

80010

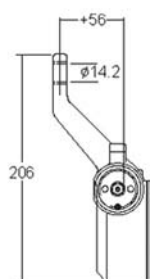
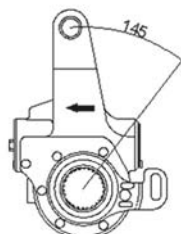
Spline Type:

26 DIN5480 N42 x 1.5

Opposite hand:

KB6525

KB6525



To fit:

Mercedes Actros

OEM number:

945 420 07 38

Haldex equivalent:

80011

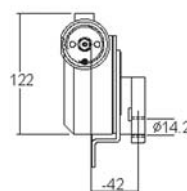
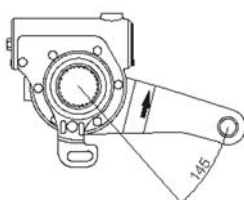
Spline Type:

26 DIN5480 N42 x 1.5

Opposite hand:

KB6520

KB6530



To fit:

Mercedes Actros

OEM number:

945 420 05 38

Haldex equivalent:

80012

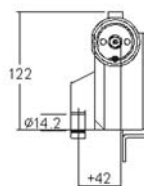
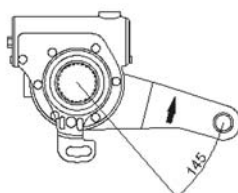
Spline Type:

26 DIN5480 N42 x 1.5

Opposite hand:

KB6535

KB6535



To fit:

Mercedes Actros

OEM number:

945 420 06 38

Haldex equivalent:

80013

Spline Type:

26 DIN5480 N42 x 1.5

Opposite hand:

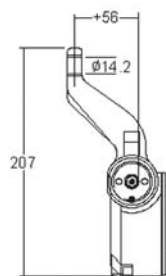
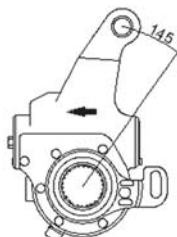
KB6530

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4. Self-setting Automatic Slack Adjusters

KB6540



To Fit:

Mercedes Actros

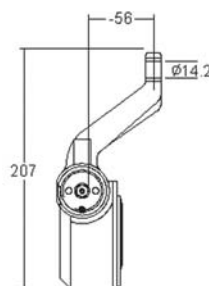
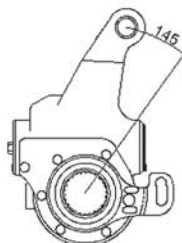
OEM number:
945 420 04 38

Haldex equivalent:
80014

Spline Type:
26 DIN5480 N42 x 1.5

Opposite hand:
KB6545

KB6545



To Fit:

Mercedes Actros

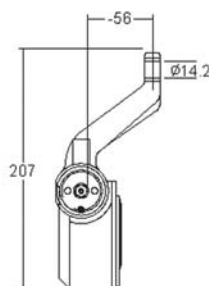
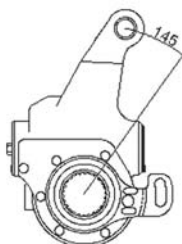
OEM number:
945 420 09 38

Haldex equivalent:
80030

Spline Type:
26 DIN5480 N42 x 1.5

Opposite hand:
KB6540

KB6620



To fit:

MAN TGA

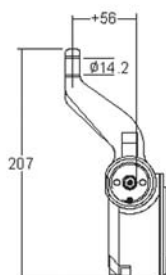
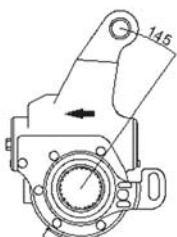
OEM number:
81.50610-6263

Haldex equivalent:
80176

Spline Type:
26 DIN5480 N42 x 1.5

Opposite hand:
KB6625

KB6625



To fit:

MAN TGA

OEM number:
81.50610-6266

Haldex equivalent:
80183

Spline Type:
26 DIN5480 N42 x 1.5

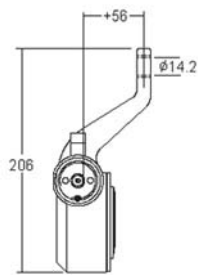
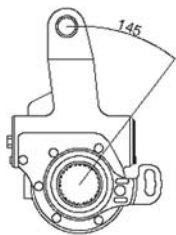
Opposite hand:
KB6620

ALL DIMENSIONS ARE IN MILLIMETRES

OEM part numbers used in this catalogue are for cross reference purposes only and do not imply anything about the origin or manufacturer of the product.

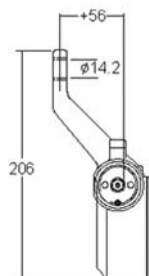
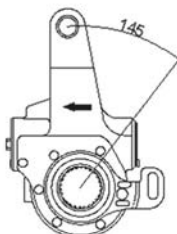
4. Self-setting Automatic Slack Adjusters

KB6630



To fit:
MAN TGA
 OEM number:
81.50610-6261
 Haldex equivalent:
80180
 Spline Type:
26 DIN5480 N42 x 1.5
 Opposite hand:
KB6660

KB6660



To fit:
MAN TGA
 OEM number:
81.50610-6262
 Haldex equivalent:
80181
 Spline Type:
26 DIN5480 N42 x 1.5
 Opposite hand:
KB6630

4

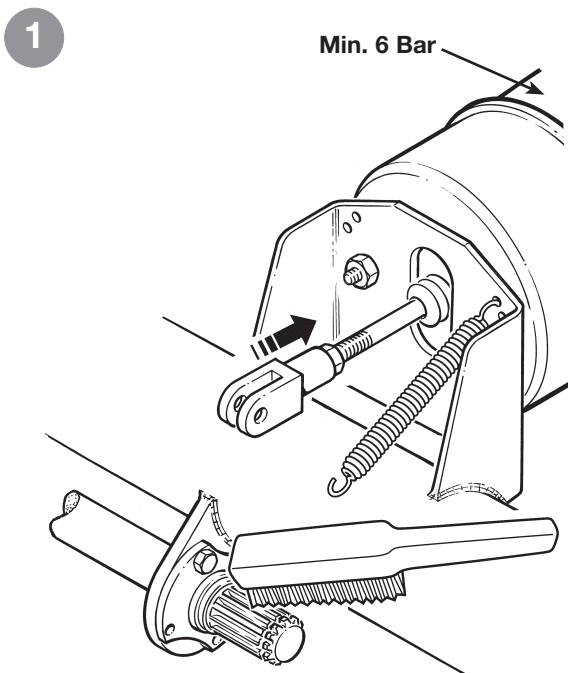
4. Self-setting Automatic Slack Adjusters

Notes

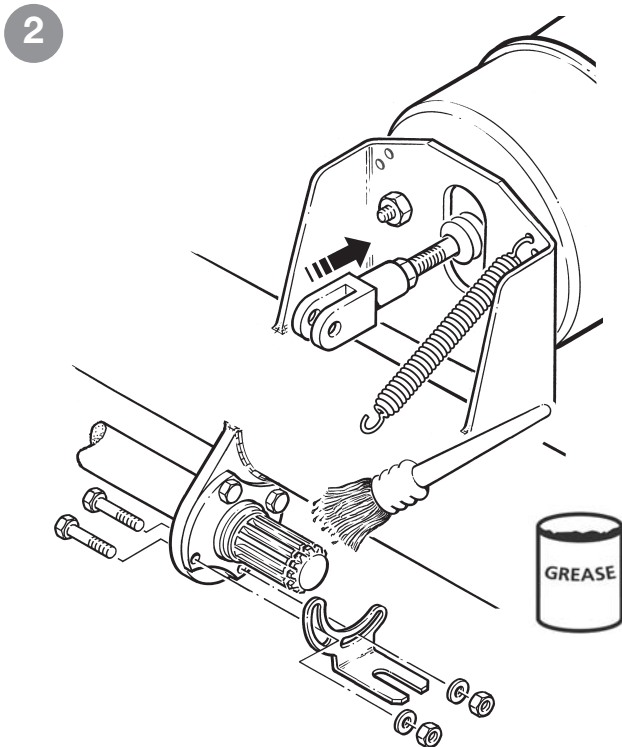
4

Installation

Detailed fitting instructions are supplied with every Knorr-Bremse Automatic Slack Adjuster (ASA and S-ASA). Those instructions are appropriate for the particular part number supplied. However, allowing for differences in the exact configuration, the following procedure should be undertaken to fit all ASAs and S-ASAs.



- Check that the brake actuator push rod is in its fully released position.
- If a spring brake is fitted, a minimum pressure of 6 bar is recommended in the spring portion of the actuator. Ensure that the hand valve in the vehicle's braking system supplies sufficient pressure to release the brake and has sufficient air available to keep the brake fully released. See the Safety Advice on page 6 of this manual for further information.
- If the slack adjuster has more than one hole for the clevis pin, note which hole is connected to the clevis. Remove the old slack adjuster.
- Clean the camshaft spline.

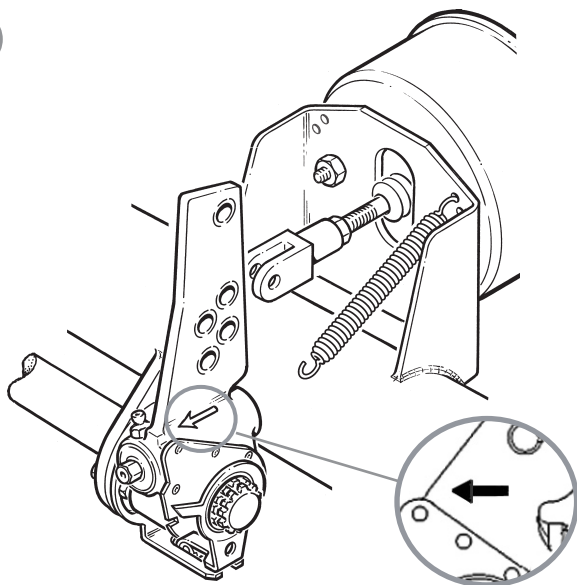


- Grease the camshaft spline.
- If a new anchor bracket is supplied with the new unit (Fast Fit versions) it should be fitted to the existing camshaft support bracket but the mounting bolts should not be tightened.

5. Installation and Maintenance

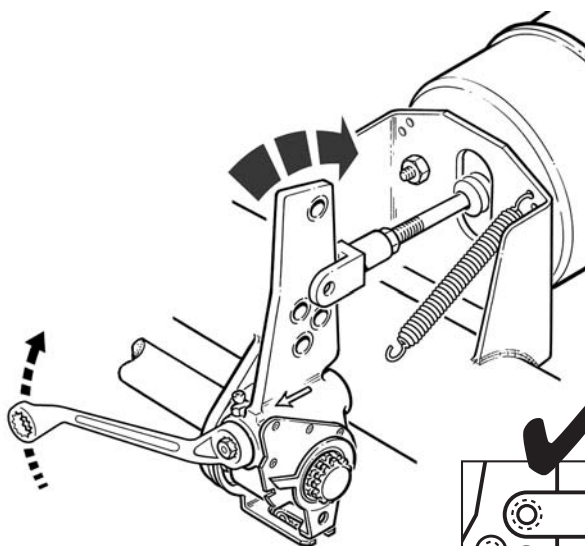
Installation (contd.)

3



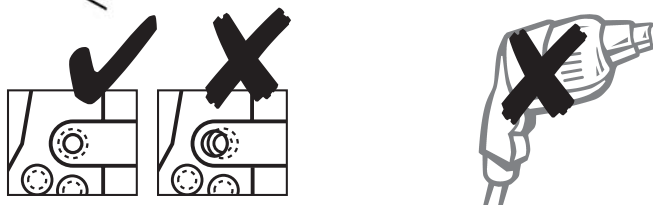
Fit the new ASA onto the camshaft, so that the arrow on the body points in the direction of the application of the ASA, and the control arm end engages with the anchor bracket.

4

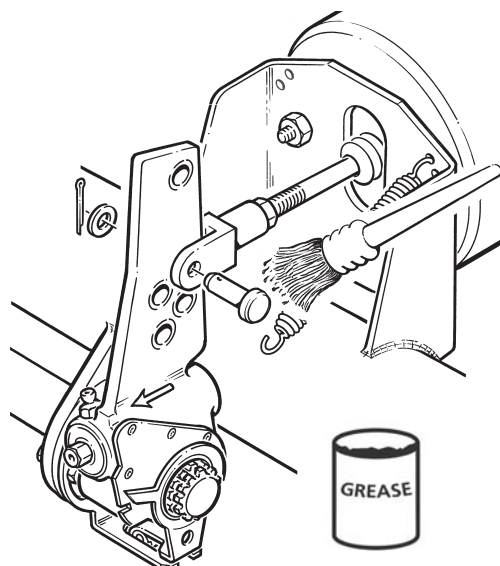


Wind the ASA into the clevis on the brake chamber push rod by rotating the hexagon nut on the ASA in a clockwise direction until the appropriate hole in the ASA arm coincides with the holes in the clevis. Note - if the slack adjuster has more than one hole for the clevis pin, ensure that the clevis is re-attached in the same position as was noted when the original slack adjuster was removed.

Do not use an air wrench to do this.



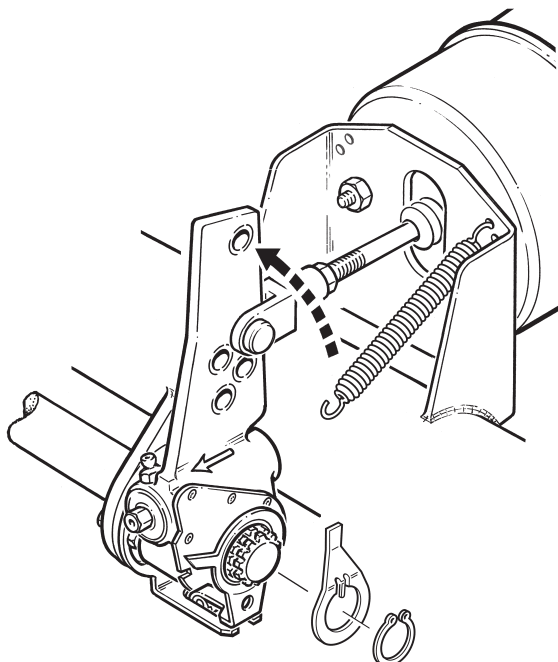
5



- a. Grease the clevis pin then fit it into the clevis, through the ASA and secure it.
- b. The pin should rotate freely when no load is applied.

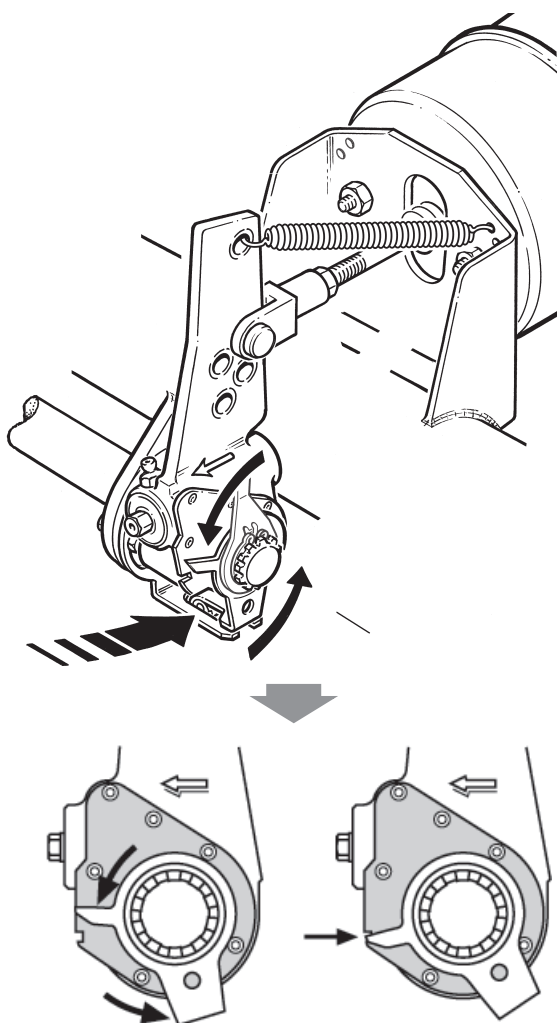
Installation (contd.)

6



- a. Fit a wear indicator and return spring, if either are required, at this stage.
- b. Secure the ASA on the camshaft ensuring it is not pinched or restricted.

7



- a. Rotate the control arm as far as possible, following the direction of the arrow cast on the ASA body.

Do not hammer the control arm.

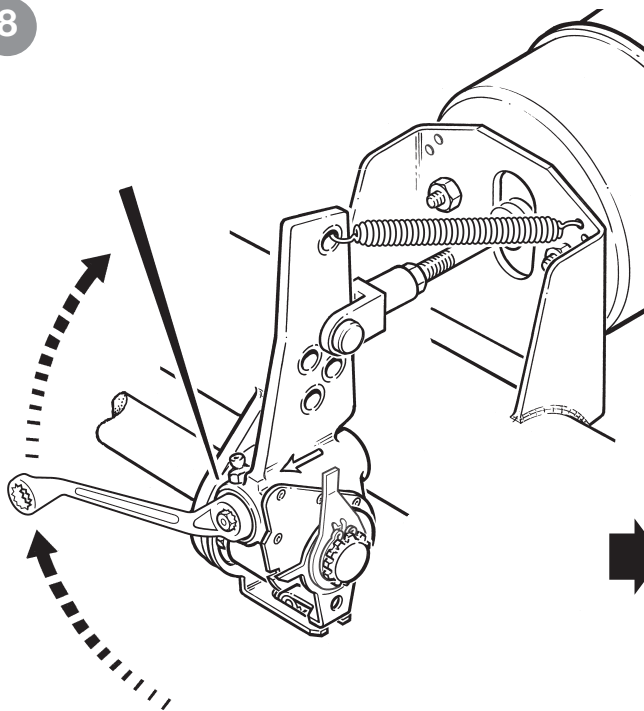


- b. Where the ASA is so equipped, the pointer on the control arm should now be aligned with the notch in the cover plate.
- c. Without moving the position of the control arm, fix the anchor bracket in place by tightening the mounting bolts (Fast Fit versions).

5. Installation and Maintenance

Installation (contd.)

8

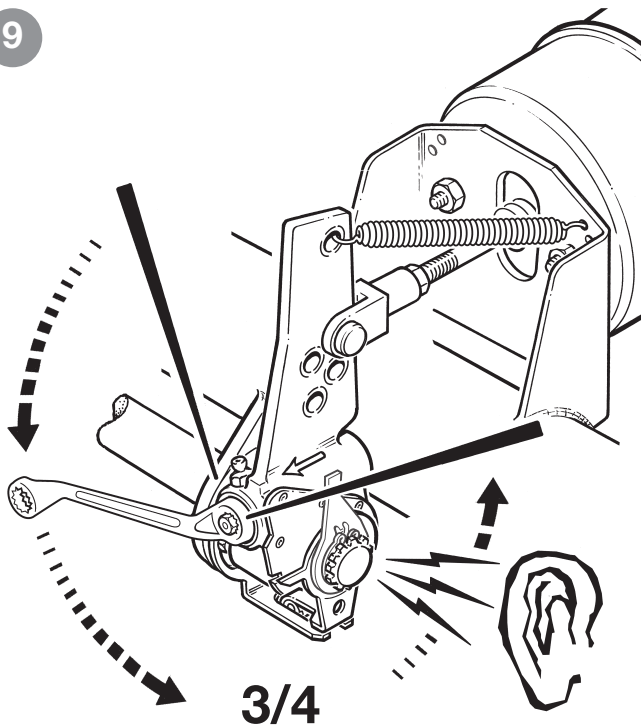


Reduce the brake clearance by rotating the brake drum and at the same time rotating the hexagon nut on the ASA clockwise. Rotate the hexagon nut until the linings can be felt touching the brake drum.

Do not use an air wrench to do this.



9



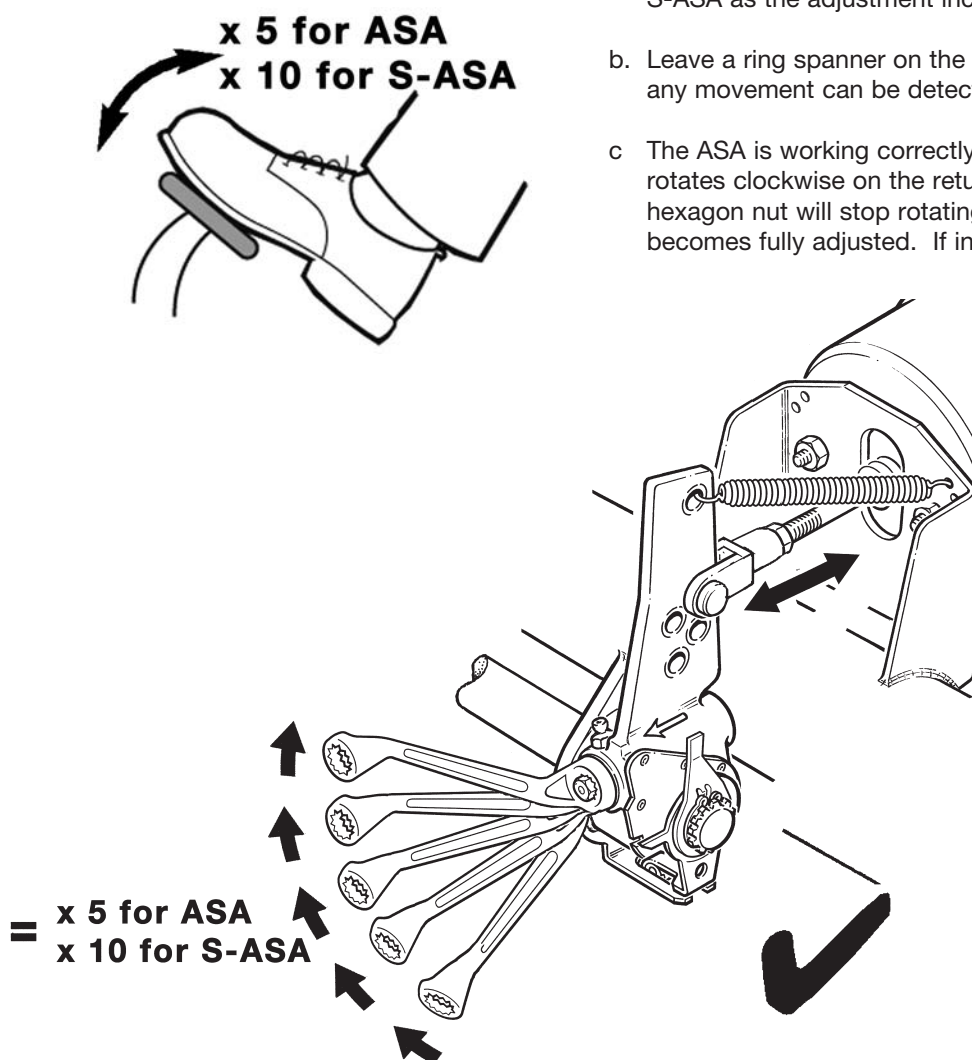
Back-off the brake clearance by rotating the hexagon nut a 3/4 turn anti-clockwise. Backing-off produces a loud clicking noise.

Do not use an air wrench to do this.



Installation (contd.)

10



- a. Check for correct functioning by applying the brakes five times for an ASA or ten times for an S-ASA as the adjustment increment may be smaller.
- b. Leave a ring spanner on the hexagon nut so that any movement can be detected.
- c. The ASA is working correctly when the hexagon nut rotates clockwise on the return stroke. Note - the hexagon nut will stop rotating when the brake becomes fully adjusted. If in doubt repeat 8 to 10.

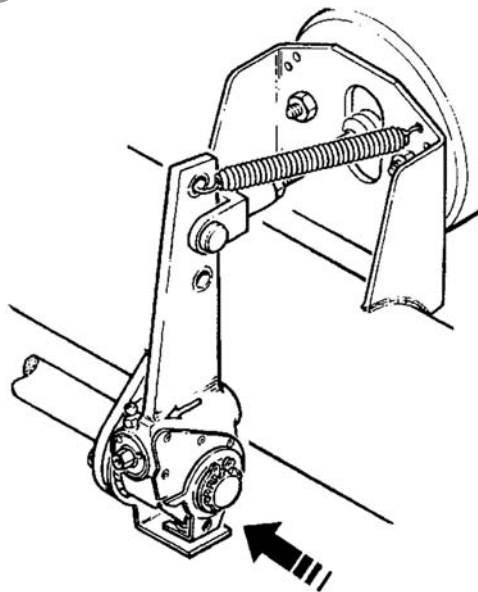
5. Installation and Maintenance

Maintenance

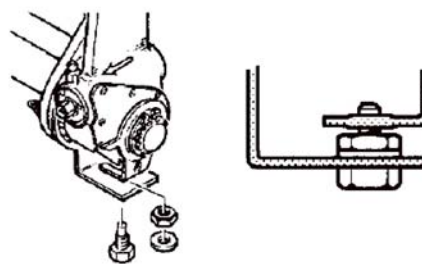
The Automatic Slack Adjuster (ASA or S-ASA) should be lubricated every 6,000 miles (10,000 km).

At intervals that are appropriate to the application of the vehicle the ASA or S-ASA should be checked as follows:

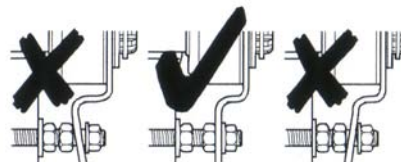
1 Check Anchor Bolt and Anchor Bracket



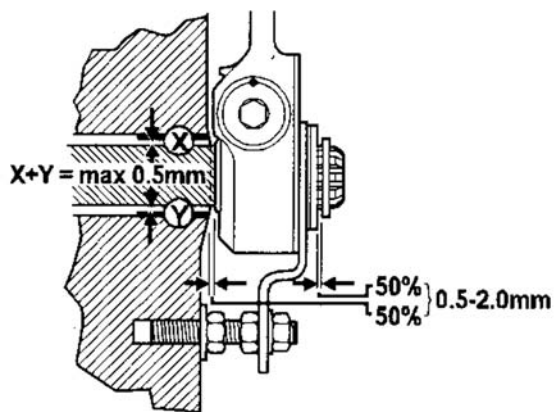
- a. Check the fixing of the anchor point and the condition of the control arm.



- b. If the anchor point is loose, check the anchor bolt and nut for stripped threads and replace if necessary. If the threads are undamaged, refit and tighten.
- c. If the control arm is bent or cracked, remove the automatic slack adjuster and replace it with a new one.



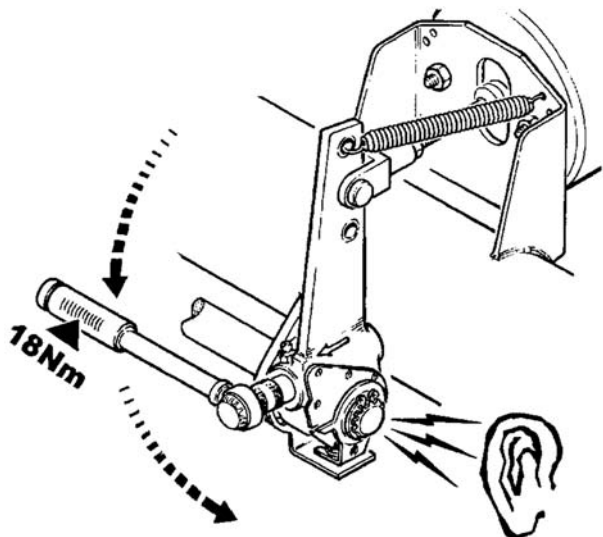
2 Check Camshaft and Camshaft Bush



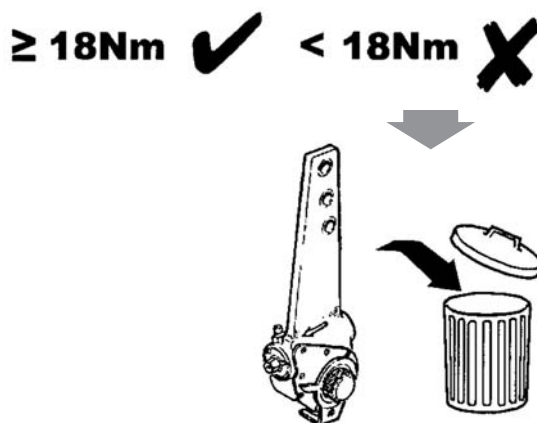
- a. Check the condition of the camshaft and camshaft bush and replace as necessary (see sketch on left for the maximum allowable clearances between components).
- b. If the camshaft and/or camshaft bush are worn and not replaced the working life of any replacement ASA will be severely reduced.

Maintenance (contd.)

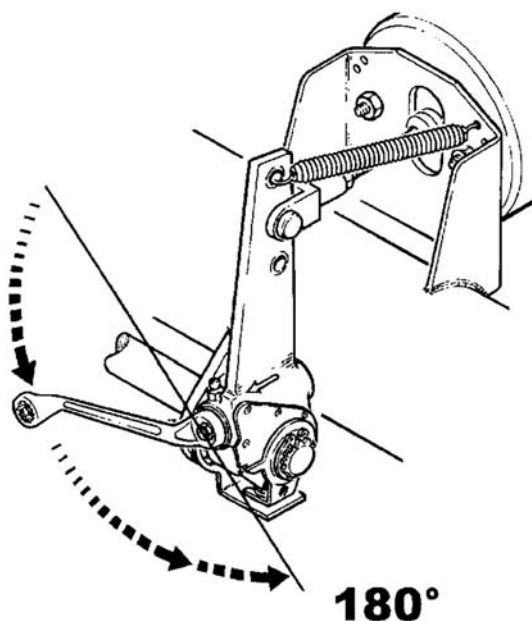
3 Checking the Cone Clutch



- Using a torque wrench, rotate the hexagon nut of the ASA anti-clockwise through approximately 180 degrees.
- There should be an audible 'clicking' sound from the ASA (do not confuse with any clicking from the torque wrench) and the torque required to turn the hexagon nut should be 18Nm or greater.
- If there is no clicking sound or the torque required is less than 18Nm, the ASA should be renewed.



4 Checking the ASA Operation



- Using a ring spanner, rotate the hexagon nut on the ASA anti-clockwise through approximately 180 degrees.

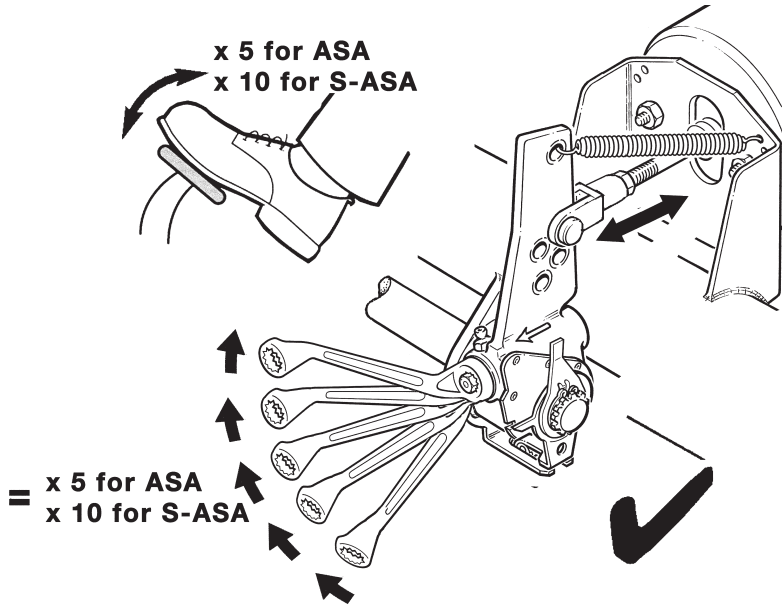
Do not use an air wrench to do this.



5. Installation and Maintenance

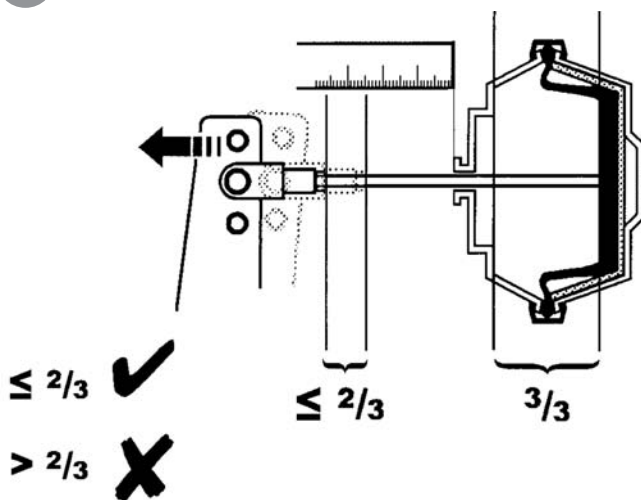
Maintenance (contd.)

5 Checking the ASA Operation (contd.)



- Apply the brake a minimum of five times for ASA and ten times for S-ASA (as the adjustment increment can be smaller with S-ASA) and, if the slack adjuster is working correctly, the spanner will move clockwise each time the brake is released. Note - the hexagon nut will stop rotating when the brake becomes fully adjusted. If in doubt repeat 3 to 5.
- If the spanner does not move, remove the slack adjuster and check the camshaft and camshaft bush, as detailed in 2.
- If the camshaft and camshaft bush are OK, replace the slack adjuster with a new one and proceed with the checks detailed from 3.

6 Final Check

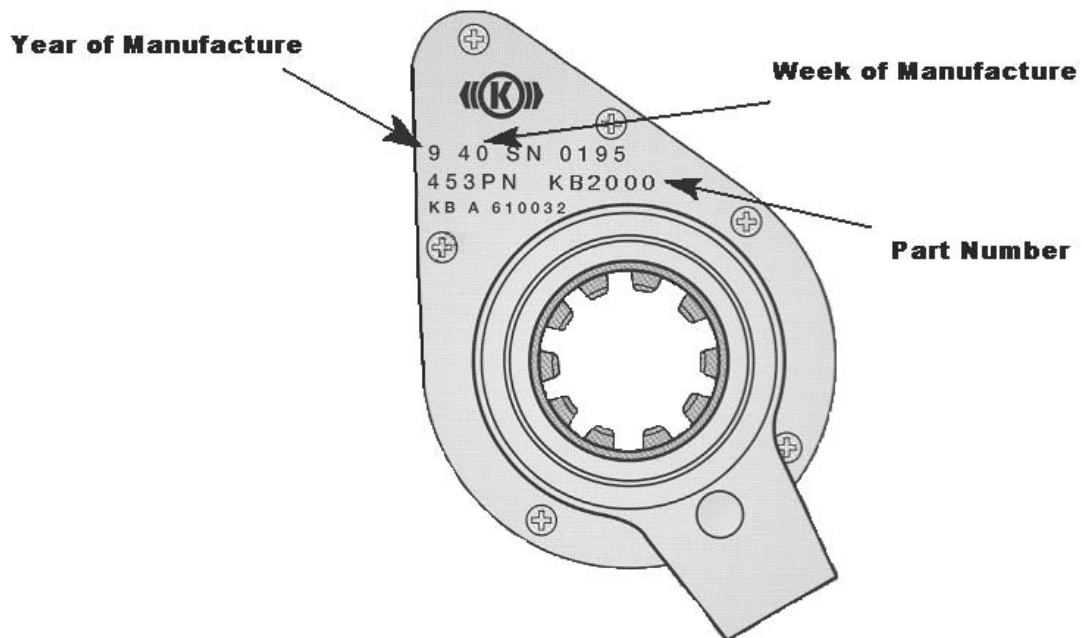


- As a final confirmation, with the brake in its normal running condition (fully adjusted by the ASA), apply the brake and measure the length of stroke of the brake actuator push rod. This length should not be more than 2/3rds of the maximum stroke of the brake actuator.
- If the length of stroke is more than 2/3rds of the maximum stroke of the brake actuator, remove the slack adjuster and examine all aspects of the brake replacing or repairing as necessary. However, if no other causes of failure are found, fit a new slack adjuster and proceed with the checks detailed from 3.

Please note that the automatic slack adjuster cannot compensate for other defects and deficiencies within the braking system, foundation brake and axle. Those defects, such as worn or missing brake return springs, loose wheel bearings, defective brake actuators, binding camshafts, worn cam rollers and worn anchor pins, must be rectified if the braking system is to function properly.

Part Number Identification

Every Knorr-Bremse ASA carries its part number stamped in the cover plate of the unit. In addition to the part number, the cover plate carries other information including the week and year of manufacture (see illustration below). The week number on the cover plate is the calendar week number. If the year of manufacture is shown as a single digit then preceding this with 199 will give the year, in the example shown on the illustration the number is "9" and so the year of manufacture is 1999. For years 2000 and later the year of manufacture is given as two digits, e.g. "06" means 2006.



5. Installation and Maintenance

Notes

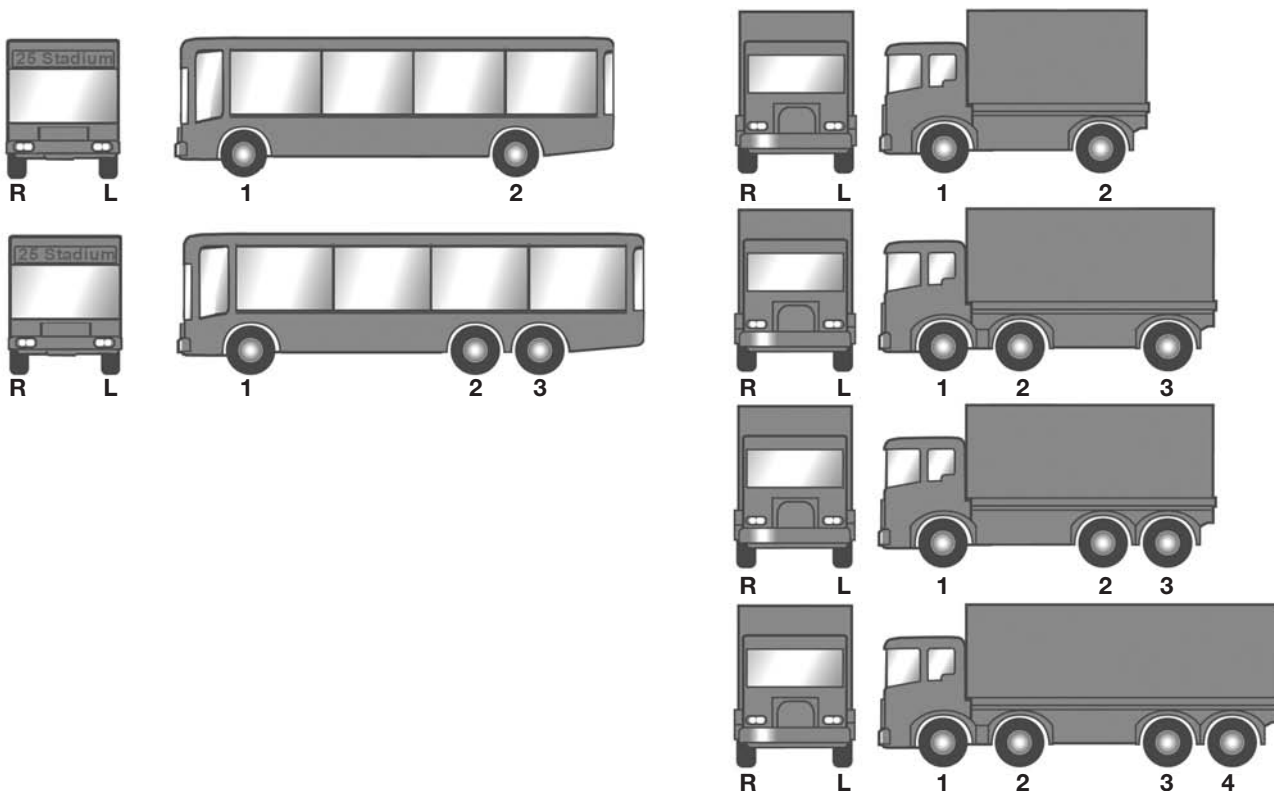
5

Introduction

The information given in this vehicle application section should be used as a guide only. The most accurate way of choosing the correct replacement part is to identify the reference numbers of the part that is being removed from the vehicle. However, as this information is not always readily available these listings give an indication of the vehicle applications appropriate for each Knorr-Bremse Automatic Slack Adjuster.

The application information is separated by vehicle type, namely bus, trailer and truck. In each of these sub-sections the information is listed in manufacturer then model order.

Wherever possible information is included on which axle(s) the adjuster is fitted and on which side of the vehicle. The convention used for displaying this information is as shown below:



The vehicle information contained in this document reflects what is believed to be correct by Knorr-Bremse. This may not be a comprehensive list and additional information may be available. Please also refer to the Disclaimer on page 2.

6. Vehicle Applications - Buses by Manufacturer

| Manufacturer | Application | Model | Axle Number | Axle Side | K-B ASA |
|--------------|-------------|----------------------|-------------|-----------|---------|
| BOVA | BUS | FUTURA | 1 | L | KB2505 |
| BOVA | BUS | FUTURA | 1 | R | KB2510 |
| BOVA | BUS | FUTURA | 2 | L R | KB2000 |
| BOVA | BUS | FUTURA | 2 | L R | KB2515 |
| BOVA | BUS | INTEGRAL COACH | 1 2 | L R | KB2000 |
| BRISTOL VR | BUS | DOUBLE DECK | 1 | L R | KB2650 |
| BRISTOL VR | BUS | DOUBLE DECK | 2 | L | KB2655 |
| BRISTOL VR | BUS | DOUBLE DECK | 2 | R | KB2365 |
| DAB | BUS | MK 1, 2 & 3 | 2 | L | KB2935 |
| DAB | BUS | MK 1, 2 & 3 | 2 | R | KB3065 |
| DAB | BUS | SERIE 12 | 2 | L | KB3790 |
| DAB | BUS | SERIE 12 | 2 | R | KB3760 |
| DAF | BUS | MB200 | 1 | L R | KB2000 |
| DAF | BUS | MB200 | 2 | L R | KB2005 |
| DAF | BUS | MB201 | 1 2 | L R | KB2000 |
| DAF | BUS | MB230 | 2 | L | KB2110 |
| DAF | BUS | MB230 | 2 | R | KB2120 |
| DAF | BUS | SB1605 | 2 | L R | KB2005 |
| DAF | BUS | SB2005 | 2 | L R | KB2000 |
| DAF | BUS | SB201 | 1 2 | L R | KB2000 |
| DAF | BUS | SB220 | 1 | L | KB2400 |
| DAF | BUS | SB220 | 1 | R | KB2425 |
| DAF | BUS | SB220 | 1 | L R | KB2030 |
| DAF | BUS | SB220 | 2 | L | KB3000 |
| DAF | BUS | SB220 | 2 | R | KB3005 |
| DAF | BUS | SB220 | 2 | L R | KB2395 |
| DAF | BUS | SB2300 | 1 2 | L R | KB2000 |
| DAF | BUS | SB250 | 1 | L R | KB2030 |
| DAF | BUS | SB250 | 2 | L | KB3000 |
| DAF | BUS | SB250 | 2 | R | KB3005 |
| DENNIS | BUS | ARROW | 1 | L R | KB2375 |
| DENNIS | BUS | ARROW | 2 | L R | KB2335 |
| DENNIS | BUS | CONDOR | 1 | L R | KB2325 |
| DENNIS | BUS | CONDOR | 2 | L R | KB2825 |
| DENNIS | BUS | DOMINATOR | 1 | L R | KB2325 |
| DENNIS | BUS | DOMINATOR | 2 | L R | KB2825 |
| DENNIS | BUS | DORCHESTER | 2 | L R | KB3095 |
| DENNIS | BUS | DRAGON | 1 | L R | KB2325 |
| DENNIS | BUS | DRAGON | 2 | L R | KB2825 |
| DENNIS | BUS | DUPLE INTEGRAL COACH | 1 | L R | KB2375 |
| DENNIS | BUS | DUPLE INTEGRAL COACH | 2 | L R | KB2865 |
| DENNIS | BUS | FALCON HC | 2 | L R | KB2335 |
| DENNIS | BUS | JAVELIN | 1 | L R | KB2375 |
| DENNIS | BUS | JAVELIN EARLY MODEL | 2 | L R | KB2335 |
| DENNIS | BUS | JAVELIN LATE MODEL | 2 | L R | KB3095 |
| DENNIS | BUS | LANCE | 1 | L R | KB2375 |
| DENNIS | BUS | LANCE EARLY MODEL | 2 | L R | KB2335 |
| DENNIS | BUS | LANCE LATE MODEL | 2 | L R | KB3095 |
| DENNIS | BUS | LANCET | 1 | L R | KB2375 |
| DENNIS | BUS | LANCET | 2 | L R | KB3095 |
| DENNIS | BUS | TRIDENT | 1 | L | KB3325 |
| DENNIS | BUS | TRIDENT | 1 | R | KB3330 |
| DENNIS | BUS | TRIDENT | 2 | L | KB3180 |
| DENNIS | BUS | TRIDENT | 2 | R | KB3175 |
| DROGMOLLER | BUS | PULLMAN | 1 | L R | KB2100 |
| DROGMOLLER | BUS | PULLMAN | 2 | L R | KB2440 |
| ERF | BUS | SINGLE DECK | 2 | L R | KB2865 |
| ERF | BUS | SOUTH AFRICA | 2 | L R | KB2865 |
| FIAT | BUS | 421 | | L | KB3475 |
| FIAT | BUS | 421 | | R | KB3470 |
| GUY VICTORY | BUS | EXPORT | 2 | L R | KB2330 |
| HEULIEZ | BUS | ARTICULE | 1 | L R | KB2100 |
| HEULIEZ | BUS | ARTICULE | 2 3 | L | KB3125 |
| HEULIEZ | BUS | ARTICULE | 2 3 | R | KB3130 |
| IVECO | BUS | 491 | | L | KB3650 |
| IVECO | BUS | 491 | | R | KB3645 |
| JONCKHEERE | BUS | | 2 | L | KB3750 |
| JONCKHEERE | BUS | | 2 | R | KB3745 |
| KAROSA | BUS | 730 | 1 | L | KB4025 |

6. Vehicle Applications - Buses by Manufacturer

| Manufacturer | Application | Model | Axle Number | Axle Side | K-B ASA |
|--------------|-------------|--------------------|-------------|-----------|---------|
| KAROSA | BUS | 730 | 1 | R | KB4030 |
| KAROSA | BUS | 730 | 2 | L | KB4035 |
| KAROSA | BUS | 730 | 2 | R | KB4040 |
| KAROSA | BUS | 740 | 1 | L | KB4025 |
| KAROSA | BUS | 740 | 1 | R | KB4030 |
| KAROSA | BUS | 740 | 2 | L | KB4035 |
| KAROSA | BUS | 740 | 2 | R | KB4040 |
| KASSBOHRER | BUS | COACH | 1 | L | KB3255 |
| KASSBOHRER | BUS | COACH | 1 | R | KB3260 |
| KASSBOHRER | BUS | COACH | 2 | L | KB3680 |
| KASSBOHRER | BUS | COACH | 2 | R | KB3685 |
| KASSBOHRER | BUS | S215 | 2 | L | KB3680 |
| KASSBOHRER | BUS | S215 | 2 | R | KB3685 |
| KASSBOHRER | BUS | S300 | 2 | L | KB2975 |
| KASSBOHRER | BUS | S300 | 2 | R | KB3575 |
| KASSBOHRER | BUS | SG180 | 1 | L | KB3255 |
| KASSBOHRER | BUS | SG180 | 1 | R | KB3260 |
| LEYLAND | BUS | AEC RELIANCE COACH | 2 | L R | KB2465 |
| LEYLAND | BUS | ATLANTEAN AN68 | 1 2 | L | KB2320 |
| LEYLAND | BUS | ATLANTEAN AN68 | 1 2 | R | KB2435 |
| LEYLAND | BUS | ATLANTEAN PDR 1/1 | 1 2 | L | KB2320 |
| LEYLAND | BUS | ATLANTEAN PDR 1/1 | 1 2 | R | KB2435 |
| LEYLAND | BUS | B50 COACH | 1 | L | KB2475 |
| LEYLAND | BUS | B50 COACH | 1 | R | KB2480 |
| LEYLAND | BUS | B50 COACH | 2 | L R | KB2330 |
| LEYLAND | BUS | B60 | 1 | L | KB2320 |
| LEYLAND | BUS | B60 | 1 | R | KB2435 |
| LEYLAND | BUS | B60 | 2 | L | KB2495 |
| LEYLAND | BUS | B60 | 2 | R | KB2500 |
| LEYLAND | BUS | DAB 2 AXLE | 2 | L R | KB2430 |
| LEYLAND | BUS | DAB ARCTIC | 1 | L | KB2475 |
| LEYLAND | BUS | DAB ARCTIC | 1 | R | KB2480 |
| LEYLAND | BUS | DAB ARCTIC | 2 | L R | KB2330 |
| LEYLAND | BUS | LEOPARD PSU 3 & 4 | 1 | L | KB2320 |
| LEYLAND | BUS | LEOPARD PSU 3 & 4 | 1 | R | KB2435 |
| LEYLAND | BUS | LEOPARD PSU 3 & 4 | 2 | L R | KB2370 |
| LEYLAND | BUS | LEOPARD PSU5 12m | 1 | L | KB2320 |
| LEYLAND | BUS | LEOPARD PSU5 12m | 1 | R | KB2435 |
| LEYLAND | BUS | LEOPARD PSU5 12m | 2 | L R | KB2430 |
| LEYLAND | BUS | LION | 1 | L | KB2200 |
| LEYLAND | BUS | LION | 1 | R | KB2205 |
| LEYLAND | BUS | LION | 2 | L R | KB2195 |
| LEYLAND | BUS | LYNX | 1 | L | KB2320 |
| LEYLAND | BUS | LYNX | 1 | R | KB2435 |
| LEYLAND | BUS | LYNX | 2 | L | KB2495 |
| LEYLAND | BUS | LYNX | 2 | R | KB2500 |
| LEYLAND | BUS | NATIONAL | 1 | L | KB2390 |
| LEYLAND | BUS | NATIONAL | 1 | R | KB2355 |
| LEYLAND | BUS | NATIONAL | 2 | L R | KB2330 |
| LEYLAND | BUS | OLYMPIAN | 1 | L | KB2345 |
| LEYLAND | BUS | OLYMPIAN | 1 | R | KB2350 |
| LEYLAND | BUS | OLYMPIAN | 1 | L | KB2475 |
| LEYLAND | BUS | OLYMPIAN | 1 | R | KB2480 |
| LEYLAND | BUS | OLYMPIAN | 2 | L R | KB2340 |
| LEYLAND | BUS | OLYMPIAN | 2 3 | L R | KB2315 |
| LEYLAND | BUS | PANTHER PSU R1 | 1 | L | KB2320 |
| LEYLAND | BUS | PANTHER PSU R1 | 1 | R | KB2435 |
| LEYLAND | BUS | ROYAL TIGER | 1 | L | KB2475 |
| LEYLAND | BUS | ROYAL TIGER | 1 | R | KB2480 |
| LEYLAND | BUS | ROYAL TIGER | 2 | L R | KB2330 |
| LEYLAND | BUS | TIGER | 1 | L | KB2475 |
| LEYLAND | BUS | TIGER | 1 | R | KB2480 |
| LEYLAND | BUS | TIGER | 2 | L R | KB2330 |
| LEYLAND | BUS | TIGER 88 | 1 | L | KB2200 |
| LEYLAND | BUS | TIGER 88 | 1 | R | KB2205 |
| LEYLAND | BUS | TIGER 88 | 2 | L R | KB2195 |
| LEYLAND | BUS | TITAN | 1 | L | KB2895 |
| LEYLAND | BUS | TITAN | 1 | R | KB2890 |
| LIAZ | BUS | 260 | 2 | L R | KB3900 |

6. Vehicle Applications - Buses by Manufacturer

| Manufacturer | Application | Model | Axle Number | Axle Side | K-B ASA |
|--------------|-------------|------------------|-------------|-----------|---------|
| LIAZ | BUS | 280 | 2 | L R | KB3900 |
| LIAZ | BUS | 350 | 2 | L R | KB3900 |
| LIAZ | BUS | 415 | 2 | L R | KB3900 |
| LIAZ | BUS | 417 | 3 | | KB2785 |
| LIAZ | BUS | 417 | 3 | | KB2790 |
| LIAZ | BUS | 435 | 2 3 | L R | KB3900 |
| MAN | BUS | 280 | 2 | L R | KB2860 |
| MAN | BUS | | 1 | R | KB3115 |
| MAN | BUS | | 1 | L | KB3120 |
| MAN | BUS | | 1 | L R | KB2080 |
| MAN | BUS | | 2 | L | KB2625 |
| MAN | BUS | | 2 | R | KB2620 |
| MAN | BUS | | 2 | L | KB3265 |
| MAN | BUS | | 2 | R | KB3270 |
| MAN | BUS | | 2 | L | KB3335 |
| MAN | BUS | | 2 | R | KB3340 |
| MAN | BUS | | 2 | L R | KB3400 |
| MCW | BUS | CR126 METROLINER | 1 | L | KB2310 |
| MCW | BUS | CR126 METROLINER | 1 | R | KB2700 |
| MCW | BUS | DR130 METROLINER | 1 | L | KB2310 |
| MCW | BUS | DR130 METROLINER | 1 | R | KB2700 |
| MCW | BUS | DR130 METROLINER | 2 | L | KB3170 |
| MCW | BUS | DR130 METROLINER | 2 | R | KB2970 |
| MCW | BUS | DR137 METROBUS | 1 | L | KB2310 |
| MCW | BUS | DR137 METROBUS | 1 | R | KB2700 |
| MCW | BUS | DR137 METROBUS | 2 | L | KB3170 |
| MCW | BUS | DR137 METROBUS | 2 | R | KB2970 |
| MCW | BUS | METROBUS | 1 2 | L | KB2310 |
| MCW | BUS | METROBUS | 1 2 | R | KB2700 |
| MCW | BUS | METROBUS | 2 | L | KB3170 |
| MCW | BUS | METROBUS | 2 | R | KB2970 |
| MCW | BUS | METROBUS | 3 | L R | KB2995 |
| MCW | BUS | METROBUS 11m | 1 | L | KB2310 |
| MCW | BUS | METROBUS 11m | 1 | R | KB2700 |
| MCW | BUS | METROBUS 11m | 2 | L | KB3170 |
| MCW | BUS | METROBUS 11m | 2 | R | KB2970 |
| MERCEDES | BUS | 1418 | 1 | L R | KB2045 |
| MERCEDES | BUS | 1418 | 2 | L R | KB3480 |
| MERCEDES | BUS | O303 | 1 | L R | KB2040 |
| MERCEDES | BUS | O303 | 1 | L R | KB2100 |
| MERCEDES | BUS | O303 | 2 | L R | KB2130 |
| MERCEDES | BUS | O303 | 2 | L R | KB2440 |
| MERCEDES | BUS | O305 | 1 | L R | KB2100 |
| MERCEDES | BUS | O305 | 1 | L R | KB2420 |
| MERCEDES | BUS | O305 | 2 | L | KB3125 |
| MERCEDES | BUS | O305 | 2 | R | KB3130 |
| MERCEDES | BUS | O305G | 1 | L R | KB2100 |
| MERCEDES | BUS | O305G | 2 3 | L | KB3125 |
| MERCEDES | BUS | O305G | 2 3 | R | KB3130 |
| MERCEDES | BUS | O307 | 1 | L R | KB2100 |
| MERCEDES | BUS | O307 | 2 | L | KB3125 |
| MERCEDES | BUS | O307 | 2 | R | KB3130 |
| MERCEDES | BUS | O371 R | 1 | L R | KB2040 |
| MERCEDES | BUS | O371 RS | 1 | L R | KB2040 |
| MERCEDES | BUS | O371 U | 1 | L R | KB2040 |
| MERCEDES | BUS | O371 UP | 1 | L R | KB2040 |
| MERCEDES | BUS | O371 RSD | 1 | L R | KB2040 |
| MERCEDES | BUS | O371 RSD | 3 | L R | KB2045 |
| MERCEDES | BUS | O404 | 1 | L R | KB2040 |
| MERCEDES | BUS | O404 | 2 | L | KB3125 |
| MERCEDES | BUS | O404 | 2 | R | KB3130 |
| MERCEDES | BUS | O405 | 1 | L R | KB2040 |
| MERCEDES | BUS | O405 | 2 | L | KB2715 |
| MERCEDES | BUS | O405 | 2 | R | KB2720 |
| MERCEDES | BUS | O405G | 1 | L R | KB2040 |
| MERCEDES | BUS | O405G | 2 3 | L | KB2715 |
| MERCEDES | BUS | O405G | 2 3 | R | KB2720 |
| MERCEDES | BUS | O405N | 1 | L R | KB2040 |
| MERCEDES | BUS | O405N | 2 | L | KB2715 |

6. Vehicle Applications - Buses by Manufacturer

| Manufacturer | Application | Model | Axle Number | Axle Side | K-B ASA |
|--------------|-------------|-----------------|-------------|-----------|---------|
| MERCEDES | BUS | O405N | 2 | R | KB2720 |
| MERCEDES | BUS | O405NG | 1 | L R | KB2040 |
| MERCEDES | BUS | O405NG | 2 | L | KB2930 |
| MERCEDES | BUS | O405NG | 2 | R | KB3155 |
| MERCEDES | BUS | O405NG | 3 | L | KB3815 |
| MERCEDES | BUS | O405NG | 3 | R | KB3820 |
| MERCEDES | BUS | O407 | 1 | L R | KB2040 |
| MERCEDES | BUS | O407 | 2 | L | KB2715 |
| MERCEDES | BUS | O407 | 2 | R | KB2720 |
| MERCEDES | BUS | OF1315 | 1 | L R | KB2045 |
| MERCEDES | BUS | OF1318 | 1 | L R | KB2045 |
| MERCEDES | BUS | OF1618 | 1 | L R | KB2045 |
| MERCEDES | BUS | OF1618 | 2 | L | KB2135 |
| MERCEDES | BUS | OF1618 | 2 | R | KB2140 |
| METRO SCANIA | BUS | DOUBLE DECK | 2 | L | KB2270 |
| METRO SCANIA | BUS | DOUBLE DECK | 2 | R | KB2265 |
| NEOPLAN | BUS | CITYLINER N116 | 1 3 | L R | KB2100 |
| NEOPLAN | BUS | CITYLINER N116 | 2 | L | KB3125 |
| NEOPLAN | BUS | CITYLINER N116 | 2 | R | KB3130 |
| NEOPLAN | BUS | CITYLINER N116 | 2 | L R | KB2440 |
| NEOPLAN | BUS | JETLINER N 216 | 1 | L R | KB2100 |
| NEOPLAN | BUS | JETLINER N 216 | 2 | L R | KB2440 |
| NEOPLAN | BUS | METROBUS | 1 | L | KB2680 |
| NEOPLAN | BUS | METROBUS | 1 | R | KB2850 |
| NEOPLAN | BUS | SKYLINER N122 | 1 3 | L R | KB2100 |
| NEOPLAN | BUS | SKYLINER N122 | 2 | L R | KB2440 |
| NEOPLAN | BUS | SKYLINER N122 | 2 | L | KB3125 |
| NEOPLAN | BUS | SKYLINER N122 | 2 | R | KB3130 |
| NEOPLAN | BUS | SPACELINER N117 | 1 3 | L R | KB2100 |
| NEOPLAN | BUS | SPACELINER N117 | 2 | L | KB3125 |
| NEOPLAN | BUS | SPACELINER N117 | 2 | R | KB3130 |
| NEOPLAN | BUS | STARLINER | 1 | L | KB2505 |
| NEOPLAN | BUS | STARLINER | 1 | R | KB2510 |
| NEOPLAN | BUS | STARLINER | 2 | L R | KB2845 |
| OPTARE | BUS | EXCEL | 1 2 | R | KB3115 |
| OPTARE | BUS | EXCEL | 1 2 | L | KB3120 |
| OPTARE | BUS | SPECTRA | 1 | L | KB2015 |
| OPTARE | BUS | SPECTRA | 1 | R | KB2010 |
| OPTARE | BUS | EXCEL | 2 | L R | KB2955 |
| PEGASO | BUS | 6420 | 1 | R | KB3115 |
| PEGASO | BUS | 6420 | 1 | L | KB3120 |
| PEGASO | BUS | 6420.22 | 1 | R | KB3115 |
| PEGASO | BUS | 6420.22 | 1 | L | KB3120 |
| RENAULT | BUS | FR1 | 2 | L | KB2815 |
| RENAULT | BUS | FR1 | 2 | L | KB3085 |
| RENAULT | BUS | FR1 | 2 | R | KB2820 |
| RENAULT | BUS | FR1 | 2 | R | KB3090 |
| RENAULT | BUS | PR100 | 1 | L | KB3195 |
| RENAULT | BUS | PR100 | 1 | R | KB3200 |
| RENAULT | BUS | PR100 | 2 | L | KB3220 |
| RENAULT | BUS | PR100 | 2 | R | KB3215 |
| RENAULT | BUS | PR14 | 1 | L | KB3195 |
| RENAULT | BUS | PR14 | 1 | R | KB3200 |
| RENAULT | BUS | PR180 | 1 | L | KB3195 |
| RENAULT | BUS | PR180 | 1 | R | KB3200 |
| RENAULT | BUS | PR180 | 2 3 | L | KB3220 |
| RENAULT | BUS | PR180 | 2 3 | R | KB3215 |
| RENAULT | BUS | PR8C | 1 | L | KB2225 |
| RENAULT | BUS | PR8C | 1 | R | KB2245 |
| RENAULT | BUS | PR8C | 2 | L | KB2795 |
| RENAULT | BUS | PR8C | 2 | R | KB2800 |
| RENAULT | BUS | R332 | 1 | L | KB2225 |
| RENAULT | BUS | R332 | 1 | R | KB2245 |
| RENAULT | BUS | R332 | 2 | L | KB3085 |
| RENAULT | BUS | R332 | 2 | R | KB3090 |
| SCANIA | BUS | B86 | 2 | L R | KB2710 |
| SCANIA | BUS | BF86 | 2 | L R | KB2710 |
| SCANIA | BUS | BR112 | 1 | L | KB2215 |
| SCANIA | BUS | BR112 | 1 | L | KB2525 |

6. Vehicle Applications - Buses by Manufacturer

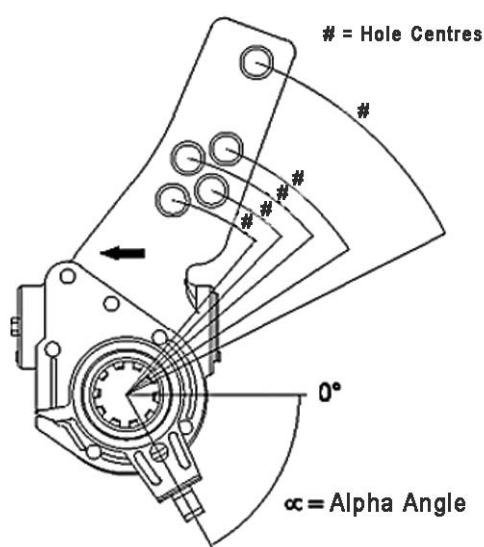
| Manufacturer | Application | Model | Axle Number | Axle Side | K-B ASA |
|--------------|-------------|---------------------|-------------|-----------|---------|
| SCANIA | BUS | BR112 | 1 | R | KB2210 |
| SCANIA | BUS | BR112 | 1 | R | KB2520 |
| SCANIA | BUS | BR112 | 2 | L R | KB2710 |
| SCANIA | BUS | BR112DH DOUBLE DECK | 2 | L | KB2270 |
| SCANIA | BUS | BR112DH DOUBLE DECK | 2 | R | KB2265 |
| SCANIA | BUS | BR116 | 2 | L R | KB2710 |
| SCANIA | BUS | BR86 | 2 | L R | KB2710 |
| SCANIA | BUS | DR113 | 1 | L | KB2215 |
| SCANIA | BUS | DR113 | 1 | R | KB2210 |
| SCANIA | BUS | DR113 | 2 | L | KB2270 |
| SCANIA | BUS | DR113 | 2 | R | KB2265 |
| SCANIA | BUS | F113 | 1 | L | KB2215 |
| SCANIA | BUS | F113 | 1 | R | KB2210 |
| SCANIA | BUS | F113 | 2 | L R | KB2250 |
| SCANIA | BUS | F82 | 1 | L | KB2215 |
| SCANIA | BUS | F82 | 1 | R | KB2210 |
| SCANIA | BUS | F82 | 2 | L | KB2220 |
| SCANIA | BUS | F82 | 2 | R | KB2260 |
| SCANIA | BUS | K112 | 1 | L | KB2215 |
| SCANIA | BUS | K112 | 1 | R | KB2210 |
| SCANIA | BUS | K112 | 2 | L R | KB2710 |
| SCANIA | BUS | K113 | 1 | L | KB2360 |
| SCANIA | BUS | K113 | 1 | R | KB2595 |
| SCANIA | BUS | K113 | 2 | L | KB2220 |
| SCANIA | BUS | K113 | 2 | R | KB2260 |
| SCANIA | BUS | K113CL | 1 | L | KB2360 |
| SCANIA | BUS | K113CL | 1 | R | KB2595 |
| SCANIA | BUS | K113CL | 2 | L | KB2220 |
| SCANIA | BUS | K113CL | 2 | R | KB2260 |
| SCANIA | BUS | K113TL | 1 | L | KB2360 |
| SCANIA | BUS | K113TL | 1 | R | KB2595 |
| SCANIA | BUS | K113TL | 2 | L | KB2220 |
| SCANIA | BUS | K113TL | 2 | R | KB2260 |
| SCANIA | BUS | K82 | 1 | L | KB2215 |
| SCANIA | BUS | K82 | 1 | R | KB2210 |
| SCANIA | BUS | K82 | 2 | L R | KB2710 |
| SCANIA | BUS | K93 CLB | 1 | L | KB2360 |
| SCANIA | BUS | K93 CLB | 1 | R | KB2595 |
| SCANIA | BUS | K93 CLB | 2 | L | KB2220 |
| SCANIA | BUS | K93 CLB | 2 | R | KB2260 |
| SCANIA | BUS | L113 | 1 | L | KB2360 |
| SCANIA | BUS | L113 | 1 | R | KB2595 |
| SCANIA | BUS | L113 | 2 | L | KB2220 |
| SCANIA | BUS | L113 | 2 | R | KB2260 |
| SCANIA | BUS | L94 | 1 | L | KB2740 |
| SCANIA | BUS | L94 | 1 | R | KB2735 |
| SCANIA | BUS | L94 | 2 | L | KB2220 |
| SCANIA | BUS | L94 | 2 | R | KB2260 |
| SCANIA | BUS | N113 | 1 | R | KB2210 |
| SCANIA | BUS | N113 | 1 | L | KB2215 |
| SCANIA | BUS | N113 | 2 3 | L | KB2220 |
| SCANIA | BUS | N113 | 2 3 | R | KB2260 |
| SCANIA | BUS | S113 | 2 | L R | KB2250 |
| VAN HOOL | BUS | ASTROMEGA | 1 3 | L | KB3115 |
| VAN HOOL | BUS | ASTROMEGA | 1 3 | R | KB3120 |
| VAN HOOL | BUS | ASTROMEGA | 2 | L R | KB2460 |
| VAN HOOL | BUS | T812 | 2 | L R | KB2460 |
| VAN HOOL | BUS | T816 | 2 | L R | KB2460 |
| VAN HOOL | BUS | T818 | 1 | L | KB3115 |
| VAN HOOL | BUS | T818 | 1 | R | KB3120 |
| VAN HOOL | BUS | T818 | 2 | L R | KB2460 |
| VAN HOOL | BUS | T820 | 1 | L | KB3115 |
| VAN HOOL | BUS | T820 | 1 | R | KB3120 |
| VAN HOOL | BUS | T820 | 2 | L R | KB2460 |
| VAN HOOL | BUS | TD824 | 1 3 | L | KB3115 |
| VAN HOOL | BUS | TD824 | 1 3 | R | KB3120 |
| VAN HOOL | BUS | TD824 | 2 | L R | KB2460 |
| VAN HOOL | BUS | | 1 | L | KB3035 |
| VAN HOOL | BUS | | 1 | R | KB3030 |

6. Vehicle Applications - Buses by Manufacturer

| Manufacturer | Application | Model | Axle Number | Axle Side | K-B ASA |
|--------------|-------------|--------------------|-------------|-----------|---------|
| VAN HOOL | BUS | | 2 | L | KB2775 |
| VAN HOOL | BUS | | 2 | R | KB2780 |
| VOLVO | BUS | B10M MARK I | 1 | L R | KB2255 |
| VOLVO | BUS | B10M MARK I | 2 3 | L | KB2285 |
| VOLVO | BUS | B10M MARK I | 2 3 | R | KB2290 |
| VOLVO | BUS | B10M MARK II | 1 | L R | KB2295 |
| VOLVO | BUS | B10M MARK II & III | 2 | L | KB2280 |
| VOLVO | BUS | B10M MARK II & III | 2 | R | KB2300 |
| VOLVO | BUS | B10M MARK III & IV | 1 | L R | KB2275 |
| VOLVO | BUS | B10M MARK IV | 2 | L | KB3140 |
| VOLVO | BUS | B10M MARK IV | 2 | R | KB3135 |
| VOLVO | BUS | B10R | 1 | L R | KB2275 |
| VOLVO | BUS | B55 | 2 | L | KB2490 |
| VOLVO | BUS | B55 | 2 | R | KB2485 |
| VOLVO | BUS | B57 | 1 | L | KB2575 |
| VOLVO | BUS | B57 | 1 | R | KB2580 |
| VOLVO | BUS | B57 | 2 | L | KB2565 |
| VOLVO | BUS | B57 | 2 | R | KB2570 |
| VOLVO | BUS | B58 | 1 | L | KB2575 |
| VOLVO | BUS | B58 | 1 | R | KB2580 |
| VOLVO | BUS | B58 | 1 2 3 | L R | KB2275 |
| VOLVO | BUS | B58 | 1 2 3 | L R | KB2295 |
| VOLVO | BUS | B58 | 2 | L | KB2565 |
| VOLVO | BUS | B58 | 2 | R | KB2570 |
| VOLVO | BUS | B58 | 2 3 | L | KB2565 |
| VOLVO | BUS | B58 | 2 3 | R | KB2570 |
| VOLVO | BUS | B58 COACH | 1 | L | KB2575 |
| VOLVO | BUS | B58 COACH | 1 | R | KB2580 |
| VOLVO | BUS | B58 COACH | 2 | L | KB2565 |
| VOLVO | BUS | B58 COACH | 2 | R | KB2570 |
| VOLVO | BUS | B7L | 2 | L | KB3910 |
| VOLVO | BUS | B7L | 2 | R | KB3915 |
| VOLVO | BUS | B7R | 2 | L | KB4255 |
| VOLVO | BUS | B7R | 2 | R | KB4260 |
| VOLVO | BUS | B9M | 1 | L | KB2660 |
| VOLVO | BUS | B9M | 1 | R | KB2665 |
| VOLVO | BUS | B9M | 2 | L | KB2285 |
| VOLVO | BUS | B9M | 2 | R | KB2290 |
| VOLVO | BUS | C10M | 1 | L R | KB2295 |
| VOLVO | BUS | C10M | 2 | L | KB2280 |
| VOLVO | BUS | C10M | 2 | R | KB2300 |
| VOLVO AILSA | BUS | MK2 DOUBLE DECK | 1 | L R | KB2325 |
| VOLVO AILSA | BUS | MK1 DOUBLE DECK | 2 | L | KB2455 |
| VOLVO AILSA | BUS | MK1 DOUBLE DECK | 2 | R | KB2450 |
| VOLVO AILSA | BUS | MK2 DOUBLE DECK | 2 | L | KB2455 |
| VOLVO AILSA | BUS | MK2 DOUBLE DECK | 2 | R | KB2450 |

6. Vehicle Applications - Trailers by Manufacturer

| Manufacturer | Hole Centres | Alpha Angle | Model | Axle Side | K-B ASA |
|-----------------|--------------------------------|-------------|----------------|-----------|---------|
| BPW | 4, 5, 6, 7, 8.5" | 115° | | L R | KB1100 |
| BPW | 120, 135, 150, 165, 250mm | 30° | FAST FIT | L R | KB1045 |
| BPW | 120, 135, 150, 165, 250mm | 50° | FAST FIT | L R | KB1005 |
| BPW | 120, 135, 150, 165, 250mm | 110° | FAST FIT | L R | KB1010 |
| BPW | 120, 135, 150, 165, 250mm | - | FAST FIT S-ASA | L R | KB1500 |
| FRUEHAUF | 105, 129, 153, 215mm | 130° | FAST FIT | L R | KB1020 |
| FRUEHAUF | 105, 129, 153, 215mm | - | FAST FIT S-ASA | L R | KB1510 |
| FRUEHAUF | 105, 129, 153, 215mm | 130° | | L R | KB1050 |
| HENRED FRUEHAUF | 125, 150mm | - | | L R | KB1530 |
| KASSBOHRER | 120, 150, 180, 250mm | 110° | LOW LOADER | L R | KB3015 |
| KASSBOHRER | 120, 150, 180, 250mm | 110° | | L R | KB2085 |
| MERITOR | 4, 5, 6, 7, 8.5" | 130° | | L R | KB1055 |
| MERITOR | 4.5, 5, 5.5, 6, 8" | 60° | FAST FIT | L R | KB1000 |
| MERITOR | 4.5, 5, 5.5, 6, 8" | - | FAST FIT S-ASA | L R | KB1505 |
| MERITOR | 4.5, 5.5, 8.5" | 130° | | L R | KB1070 |
| MERITOR | 5, 5.5, 6" | 130° | | L R | KB1170 |
| MERITOR | 6, 7, 8" | 110° | STEER | L | KB1120 |
| MERITOR | 6, 7, 8" | 110° | STEER | R | KB1115 |
| MERITOR | 120, 150, 180mm | 145° | STEER | L | KB1085 |
| MERITOR | 120, 150, 180mm | 145° | STEER | R | KB1090 |
| PANAV | 150, 175, 200, 225, 250mm | 73° | | L R | KB3995 |
| SAF | 4, 5, 6" | 130° | | L R | KB1095 |
| SAF | 4, 5, 6, 7, 8.5" | 130° | FAST FIT | L R | KB1040 |
| SAF | 5, 6, 7, 8" | 80° | LOW LOADER | L R | KB1080 |
| SAF | 5, 6, 7" | 90° | REAR STEER | L | KB1130 |
| SAF | 5, 6, 7" | 90° | REAR STEER | R | KB1135 |
| SAF | 5, 6, 7" | -2° | STEER | L | KB1160 |
| SAF | 5, 6, 7" | -2° | STEER | R | KB1110 |
| SAF | 105, 125, 140, 155, 180, 250mm | 130° | FAST FIT | L R | KB1030 |
| SAF | 105, 125, 140, 155, 180, 250mm | - | FAST FIT S-ASA | L R | KB1515 |
| SAF | 125, 150, 180, 210, 250mm | 130° | FAST FIT | L R | KB1035 |
| SAF | 125, 150, 180, 210, 250mm | 130° | | L R | KB1075 |
| SAF | 125, 140, 155, 180mm | - | FAST FIT S-ASA | L R | KB1535 |
| SMB | 4, 5, 6, 8.5" | 130° | FAST FIT | L R | KB1025 |
| SMB | 4, 5, 6, 8.5" | - | FAST FIT S-ASA | L R | KB1520 |
| TRAILOR | 125, 150, 180, 210mm | 130° | FAST FIT | L R | KB1015 |
| TRAILOR | 125, 150, 180, 210mm | - | FAST FIT S-ASA | L R | KB1525 |



6. Vehicle Applications - Trucks by Manufacturer

| Manufacturer | Application | Model | Axle Number | Axle Side | K-B ASA |
|--------------|-------------|----------------------|-------------|-----------|---------|
| BEDFORD | TRUCK | TM ARMY | 1 | L | KB3445 |
| BEDFORD | TRUCK | TM ARMY | 1 | R | KB3440 |
| DAF | TRUCK | 55 | 1 | L | KB2015 |
| DAF | TRUCK | 55 | 1 | R | KB2010 |
| DAF | TRUCK | 55 | 2 | L | KB2110 |
| DAF | TRUCK | 55 | 2 | R | KB2120 |
| DAF | TRUCK | 60 | 2 3 4 | L R | KB2180 |
| DAF | TRUCK | 60 | 1 | L | KB2190 |
| DAF | TRUCK | 60 | 1 | R | KB2185 |
| DAF | TRUCK | 61 | 1 | L | KB2190 |
| DAF | TRUCK | 61 | 1 | R | KB2185 |
| DAF | TRUCK | 61 | 2 | L R | KB2180 |
| DAF | TRUCK | 75 | 1 | L | KB2015 |
| DAF | TRUCK | 75 | 1 | R | KB2010 |
| DAF | TRUCK | 75 | 2 | L | KB2035 |
| DAF | TRUCK | 75 | 2 | R | KB2105 |
| DAF | TRUCK | 75 | 3 | L | KB3425 |
| DAF | TRUCK | 75 | 3 | R | KB3430 |
| DAF | TRUCK | 75 | 3 | L R | KB2515 |
| DAF | TRUCK | 75FAT | 2 | L | KB2115 |
| DAF | TRUCK | 75FAT | 2 | R | KB2125 |
| DAF | TRUCK | 75FAT | 3 | L | KB2730 |
| DAF | TRUCK | 75FAT | 3 | R | KB2725 |
| DAF | TRUCK | 80 | 1 | L | KB2190 |
| DAF | TRUCK | 80 | 1 | R | KB2185 |
| DAF | TRUCK | 80 | 2 | L R | KB2180 |
| DAF | TRUCK | 85 | 1 | L | KB2015 |
| DAF | TRUCK | 85 | 1 | R | KB2010 |
| DAF | TRUCK | 85 | 2 | L | KB2020 |
| DAF | TRUCK | 85 | 2 | R | KB2025 |
| DAF | TRUCK | 85 | 3 | L | KB2105 |
| DAF | TRUCK | 85 | 3 | R | KB2035 |
| DAF | TRUCK | 85 | 3 | L | KB2115 |
| DAF | TRUCK | 85 | 3 | R | KB2125 |
| DAF | TRUCK | 85 | 3 4 | L | KB3425 |
| DAF | TRUCK | 85 | 3 4 | R | KB3430 |
| DAF | TRUCK | 85 | 4 | L | KB3700 |
| DAF | TRUCK | 85 | 4 | R | KB3705 |
| DAF | TRUCK | 85 | 4 | L | KB2730 |
| DAF | TRUCK | 85 | 4 | R | KB2725 |
| DAF | TRUCK | 85.3 | 3 | L | KB2115 |
| DAF | TRUCK | 85.3 | 3 | R | KB2125 |
| DAF | TRUCK | 85.3 | 4 | L | KB2730 |
| DAF | TRUCK | 85.3 | 4 | R | KB2725 |
| DAF | TRUCK | 95 | 1 | L | KB2015 |
| DAF | TRUCK | 95 | 1 | R | KB2010 |
| DAF | TRUCK | 95 | 2 | L | KB2020 |
| DAF | TRUCK | 95 | 2 | R | KB2025 |
| DAF | TRUCK | 95 | 2 3 | L | KB3655 |
| DAF | TRUCK | 95 | 2 3 | R | KB3660 |
| DAF | TRUCK | 95 | 3 | L | KB2105 |
| DAF | TRUCK | 95 | 3 | R | KB2035 |
| DAF | TRUCK | 95 | 3 | L | KB3700 |
| DAF | TRUCK | 95 | 3 | R | KB3705 |
| DAF | TRUCK | 95FA | 2 | L | KB2110 |
| DAF | TRUCK | 95FA | 2 | R | KB2120 |
| DAF | TRUCK | 95FT | 1 | L | KB2015 |
| DAF | TRUCK | 95FT | 1 | R | KB2010 |
| DAF | TRUCK | 95FT | 2 | L | KB2110 |
| DAF | TRUCK | 95FT | 2 | R | KB2120 |
| DAF | TRUCK | 95FTG | 1 2 | L | KB2015 |
| DAF | TRUCK | 95FTG | 1 2 | R | KB2010 |
| DAF | TRUCK | 95FTG | 3 | L | KB2110 |
| DAF | TRUCK | 95FTG | 3 | R | KB2120 |
| DAF | TRUCK | FA1600 / 2000 / 2200 | 2 | L R | KB2005 |
| DAF | TRUCK | FA1900 | 2 | L R | KB2305 |
| DAF | TRUCK | FA2100 / 2500 | 1 | L | KB2010 |
| DAF | TRUCK | FA2100 / 2500 | 1 | R | KB2015 |
| DAF | TRUCK | FA2100 / 2500 | 2 | L R | KB2760 |

6. Vehicle Applications - Trucks by Manufacturer

| Manufacturer | Application | Model | Axle Number | Axle Side | K-B ASA |
|--------------|-------------|-----------------------|-------------|-----------|---------|
| DAF | TRUCK | FA2300 | 2 | L R | KB2000 |
| DAF | TRUCK | FA2800 / 3300 / 3600 | 1 | L | KB2010 |
| DAF | TRUCK | FA2800 / 3300 / 3600 | 1 | R | KB2015 |
| DAF | TRUCK | FA2800 / 3300 / 3600 | 2 | L | KB2110 |
| DAF | TRUCK | FA2800 / 3300 / 3600 | 2 | R | KB2120 |
| DAF | TRUCK | FAB2800 / FAD2800 | 3 4 | L R | KB2000 |
| DAF | TRUCK | FAG2100 | 3 | L R | KB2005 |
| DAF | TRUCK | FAS2100 | 2 | L R | KB2005 |
| DAF | TRUCK | FAS2100 | 3 | L R | KB2000 |
| DAF | TRUCK | FAS2300 | 2 3 | L R | KB2000 |
| DAF | TRUCK | FAS2500 | 1 | L | KB2010 |
| DAF | TRUCK | FAS2500 | 1 | R | KB2015 |
| DAF | TRUCK | FAS2500 | 2 3 | L R | KB2760 |
| DAF | TRUCK | FAS2800 / FAT2800 | 2 | L R | KB2005 |
| DAF | TRUCK | FAS2800 / FAT2800 | 3 | L R | KB2000 |
| DAF | TRUCK | FAT2300 | 2 | L R | KB2000 |
| DAF | TRUCK | FMB2300 | 3 | L R | KB2000 |
| DAF | TRUCK | FMD2800 | 3 | L R | KB2000 |
| DAF | TRUCK | FMT2300 | 2 | L R | KB2000 |
| DAF | TRUCK | FST2800 | 2 | L R | KB2005 |
| DAF | TRUCK | FST2800 | 3 | L R | KB2000 |
| DAF | TRUCK | FT2100 / 2500 | 1 | L | KB2010 |
| DAF | TRUCK | FT2100 / 2500 | 1 | R | KB2015 |
| DAF | TRUCK | FT2100 / 2500 | 2 | L R | KB2760 |
| DAF | TRUCK | FT2800 / 3300 / 3600 | 1 | L | KB2010 |
| DAF | TRUCK | FT2800 / 3300 / 3600 | 1 | R | KB2015 |
| DAF | TRUCK | FT2800 / 3300 / 3600 | 2 | L | KB2110 |
| DAF | TRUCK | FT2800 / 3300 / 3600 | 2 | R | KB2120 |
| DAF | TRUCK | FTS2300 | 2 3 | L R | KB2000 |
| DAF | TRUCK | FTS2800 / 3300 / 3600 | 1 | L | KB2010 |
| DAF | TRUCK | FTS2800 / 3300 / 3600 | 1 | R | KB2015 |
| DAF | TRUCK | FTS2800 / 3300 / 3600 | 2 | L | KB2110 |
| DAF | TRUCK | FTS2800 / 3300 / 3600 | 2 | R | KB2120 |
| DAF | TRUCK | FTS2800 / 3300 / 3600 | 3 | L R | KB2760 |
| DAF | TRUCK | FTT2800 / 3600 | 1 | L | KB2010 |
| DAF | TRUCK | FTT2800 / 3600 | 1 | R | KB2015 |
| DAF | TRUCK | FTT2800 / 3600 | 2 3 | L R | KB2760 |
| FIAT | TRUCK | 170 | 1 2 | L R | KB2745 |
| FIAT | TRUCK | 190 | 1 2 | L R | KB2745 |
| FODEN | TRUCK | 3000 SERIES | 1 | L R | KB3300 |
| FODEN | TRUCK | 3000 SERIES | 1 2 | L R | KB2170 |
| FODEN | TRUCK | 3000 SERIES | 2 | L R | KB2175 |
| FODEN | TRUCK | 3000 SERIES | 3 4 | L R | KB2235 |
| FODEN | TRUCK | 3380 MILITARY | 2 3 | L R | KB3455 |
| FODEN | TRUCK | 4000 SERIES | 1 | L R | KB3300 |
| FODEN | TRUCK | 4000 SERIES | 1 2 | L R | KB2170 |
| FODEN | TRUCK | 4000 SERIES | 2 | L R | KB2175 |
| FODEN | TRUCK | 4000 SERIES | 3 4 | L R | KB2235 |
| FODEN | TRUCK | ALPHA | 1 | L R | KB3300 |
| FODEN | TRUCK | ALPHA | 1 2 | L R | KB2170 |
| FODEN | TRUCK | ALPHA | 2 | L R | KB2175 |
| FODEN | TRUCK | ALPHA | 3 4 | L R | KB2235 |
| FODEN | TRUCK | HAULMASTER | 2 3 | L R | KB3095 |
| FODEN | TRUCK | MILITARY | 1 2 | L | KB3445 |
| FODEN | TRUCK | MILITARY | 1 2 | R | KB3440 |
| FODEN | TRUCK | S104 | 1 | L R | KB2170 |
| FODEN | TRUCK | S104 | 2 | L R | KB2235 |
| FODEN | TRUCK | S108 | 1 2 | L R | KB2170 |
| FODEN | TRUCK | S108 | 3 4 | L R | KB2235 |
| GINAF | TRUCK | | | | KB3965 |
| GINAF | TRUCK | | | | KB3970 |
| HINO | TRUCK | FYIP | 1 2 | L | KB2410 |
| HINO | TRUCK | FYIP | 1 2 | R | KB2405 |
| HINO | TRUCK | FYIP | 3 4 | L | KB2415 |
| LEYLAND | TRUCK | CONSTRUCTOR | 1 | L | KB2190 |
| LEYLAND | TRUCK | CONSTRUCTOR | 1 | R | KB2185 |
| LEYLAND | TRUCK | CONSTRUCTOR | 1 2 | L | KB2385 |
| LEYLAND | TRUCK | CONSTRUCTOR | 1 2 | R | KB2380 |
| LEYLAND | TRUCK | CONSTRUCTOR | 2 3 4 | L R | KB2180 |

6. Vehicle Applications - Trucks by Manufacturer

| Manufacturer | Application | Model | Axle Number | Axle Side | K-B ASA |
|--------------|-------------|-------------------|-------------|-----------|---------|
| LEYLAND | TRUCK | CONSTRUCTOR | 3 4 | L R | KB2670 |
| LEYLAND | TRUCK | CRUISER 16.20 | 1 | L | KB2385 |
| LEYLAND | TRUCK | CRUISER 16.20 | 1 | R | KB2380 |
| LEYLAND | TRUCK | CRUISER 16.24 | 1 | L | KB2385 |
| LEYLAND | TRUCK | CRUISER 16.24 | 1 | R | KB2380 |
| LEYLAND | TRUCK | CRUISER 16.24 | 2 | L R | KB2180 |
| LEYLAND | TRUCK | CRUISER 16.28 | 1 | L | KB2385 |
| LEYLAND | TRUCK | CRUISER 16.28 | 1 | R | KB2380 |
| LEYLAND | TRUCK | CRUISER 16.28 | 2 | L R | KB2180 |
| LEYLAND | TRUCK | CRUISER 16.35 | 1 | L | KB2385 |
| LEYLAND | TRUCK | CRUISER 16.35 | 1 | R | KB2380 |
| LEYLAND | TRUCK | CRUISER 16.35 | 2 | L R | KB2180 |
| LEYLAND | TRUCK | FREIGHTER | 1 | L | KB2190 |
| LEYLAND | TRUCK | FREIGHTER | 1 | R | KB2185 |
| LEYLAND | TRUCK | FREIGHTER | 2 | L R | KB2180 |
| LIAZ | TRUCK | | 2 | L | KB3670 |
| LIAZ | TRUCK | | 2 | R | KB3675 |
| MAN | TRUCK | 16-170 | 1 | L R | KB3400 |
| MAN | TRUCK | 16-232FTR TRACTOR | 1 | L | KB2095 |
| MAN | TRUCK | 16-232FTR TRACTOR | 1 | R | KB2090 |
| MAN | TRUCK | 16-232FTR TRACTOR | 2 | L | KB2620 |
| MAN | TRUCK | 16-232FTR TRACTOR | 2 | R | KB2625 |
| MAN | TRUCK | 3 AXLE RIGID | 1 | L | KB2095 |
| MAN | TRUCK | 3 AXLE RIGID | 1 | R | KB2090 |
| MAN | TRUCK | 3 AXLE RIGID | 2 | L | KB2620 |
| MAN | TRUCK | 3 AXLE RIGID | 2 | R | KB2625 |
| MAN | TRUCK | 3 AXLE RIGID | 3 | L R | KB2080 |
| MAN | TRUCK | 4 AXLE RIGID | 3 4 | L | KB2620 |
| MAN | TRUCK | 4 AXLE RIGID | 3 4 | R | KB2625 |
| MAN | TRUCK | TGA | 2 | L | KB6620 |
| MAN | TRUCK | TGA | 2 | R | KB6625 |
| MAN | TRUCK | TGA | 2 | L | KB6630 |
| MAN | TRUCK | TGA | 2 | R | KB6660 |
| MAN | TRUCK | TRACTOR | 1 | L | KB2095 |
| MAN | TRUCK | TRACTOR | 1 | R | KB2090 |
| MAN | TRUCK | TRACTOR | 2 | L | KB2620 |
| MAN | TRUCK | TRACTOR | 2 | R | KB2625 |
| MAN | TRUCK | | 1 | L | KB2095 |
| MAN | TRUCK | | 1 | R | KB2090 |
| MAN | TRUCK | | 1 | L R | KB2080 |
| MAN | TRUCK | | 2 3 4 | L | KB2070 |
| MAN | TRUCK | | 2 3 4 | R | KB2075 |
| MAN | TRUCK | | 2 3 4 | L | KB2610 |
| MAN | TRUCK | | 2 3 4 | R | KB2615 |
| MAN | TRUCK | | 2 3 4 | L | KB2620 |
| MAN | TRUCK | | 2 3 4 | R | KB2625 |
| MAN | TRUCK | | 2 3 4 | L | KB3690 |
| MAN | TRUCK | | 2 3 4 | R | KB3695 |
| MAN | TRUCK | | 2 3 4 | L R | KB3165 |
| MAN | TRUCK | | TAG | L | KB2095 |
| MAN | TRUCK | | TAG | R | KB2090 |
| MAN | TRUCK | | | | KB3725 |
| MAN | TRUCK | | | | KB3730 |
| MERCEDES | TRUCK | 1417 | 2 | L | KB2065 |
| MERCEDES | TRUCK | 1417 | 2 | R | KB2060 |
| MERCEDES | TRUCK | 1617 | 1 | L R | KB2045 |
| MERCEDES | TRUCK | 1621S | 1 | L R | KB2045 |
| MERCEDES | TRUCK | 1621S | 2 | L | KB3795 |
| MERCEDES | TRUCK | 1621S | 2 | R | KB3800 |
| MERCEDES | TRUCK | 1625 | 1 | L R | KB2045 |
| MERCEDES | TRUCK | 1625 | 2 | L | KB2065 |
| MERCEDES | TRUCK | 1625 | 2 | R | KB2060 |
| MERCEDES | TRUCK | 1625S | 1 | L R | KB2150 |
| MERCEDES | TRUCK | 1625S | 2 | L | KB2065 |
| MERCEDES | TRUCK | 1625S | 2 | R | KB2060 |
| MERCEDES | TRUCK | 1625S | 2 | L | KB2160 |
| MERCEDES | TRUCK | 1625S | 2 | R | KB2155 |
| MERCEDES | TRUCK | 1717 | 1 | L | KB2055 |
| MERCEDES | TRUCK | 1717 | 1 | R | KB2050 |

6. Vehicle Applications - Trucks by Manufacturer

| Manufacturer | Application | Model | Axle Number | Axle Side | K-B ASA |
|--------------|-------------|----------|-------------|-----------|---------|
| MERCEDES | TRUCK | 1717 | 2 | L | KB2065 |
| MERCEDES | TRUCK | 1717 | 2 | R | KB2060 |
| MERCEDES | TRUCK | 1733S | 1 | L | KB2165 |
| MERCEDES | TRUCK | 1733S | 1 | R | KB2145 |
| MERCEDES | TRUCK | 1733S | 2 | L | KB2160 |
| MERCEDES | TRUCK | 1733S | 2 | R | KB2155 |
| MERCEDES | TRUCK | 1820 | 1 | L | KB2055 |
| MERCEDES | TRUCK | 1820 | 1 | R | KB2050 |
| MERCEDES | TRUCK | 1820 | 2 | L | KB2140 |
| MERCEDES | TRUCK | 1820 | 2 | R | KB2135 |
| MERCEDES | TRUCK | 1827S | 1 | L | KB2165 |
| MERCEDES | TRUCK | 1827S | 1 | R | KB2145 |
| MERCEDES | TRUCK | 1827S | 2 | L | KB2160 |
| MERCEDES | TRUCK | 1827S | 2 | R | KB2155 |
| MERCEDES | TRUCK | 1831S | 1 | L | KB2165 |
| MERCEDES | TRUCK | 1831S | 1 | R | KB2145 |
| MERCEDES | TRUCK | 1831S | 2 | L | KB2160 |
| MERCEDES | TRUCK | 1831S | 2 | R | KB2155 |
| MERCEDES | TRUCK | 1834S | 1 | L | KB2165 |
| MERCEDES | TRUCK | 1834S | 1 | R | KB2145 |
| MERCEDES | TRUCK | 1834S | 2 | L | KB2160 |
| MERCEDES | TRUCK | 1834S | 2 | R | KB2155 |
| MERCEDES | TRUCK | 2025 | 1 | L | KB2990 |
| MERCEDES | TRUCK | 2025 | 1 | R | KB2855 |
| MERCEDES | TRUCK | 2421 | 1 | L | KB2150 |
| MERCEDES | TRUCK | 2421 | 2 3 | L | KB2840 |
| MERCEDES | TRUCK | 2421 | 2 3 | R | KB2470 |
| MERCEDES | TRUCK | 2422 | 1 | L | KB2055 |
| MERCEDES | TRUCK | 2422 | 1 | R | KB2050 |
| MERCEDES | TRUCK | 2422 | 2 3 | L | KB2065 |
| MERCEDES | TRUCK | 2422 | 2 3 | R | KB2060 |
| MERCEDES | TRUCK | 2433 | 1 | L | KB3105 |
| MERCEDES | TRUCK | 2433 | 1 | R | KB3110 |
| MERCEDES | TRUCK | 2433 | 3 | L | KB2160 |
| MERCEDES | TRUCK | 2433 | 3 | R | KB2155 |
| MERCEDES | TRUCK | 2527 | 1 | L | KB2055 |
| MERCEDES | TRUCK | 2527 | 1 | R | KB2050 |
| MERCEDES | TRUCK | 2527 | 2 3 | L | KB2065 |
| MERCEDES | TRUCK | 2527 | 2 3 | R | KB2060 |
| MERCEDES | TRUCK | 2534 | 1 | L | KB2055 |
| MERCEDES | TRUCK | 2534 | 1 | R | KB2050 |
| MERCEDES | TRUCK | 2534 | 1 | L | KB3105 |
| MERCEDES | TRUCK | 2534 | 1 | R | KB3110 |
| MERCEDES | TRUCK | 2534 | 2 | L | KB2065 |
| MERCEDES | TRUCK | 2534 | 2 | R | KB2060 |
| MERCEDES | TRUCK | 2534 | 3 | L | KB2160 |
| MERCEDES | TRUCK | 2534 | 3 | R | KB2155 |
| MERCEDES | TRUCK | 2534 | 3 | L | KB2765 |
| MERCEDES | TRUCK | 2534 | 3 | R | KB2445 |
| MERCEDES | TRUCK | 3234 | 1 | L | KB2055 |
| MERCEDES | TRUCK | 3234 | 1 | R | KB2050 |
| MERCEDES | TRUCK | 3234 | 2 | L | KB2165 |
| MERCEDES | TRUCK | 3234 | 2 | R | KB2145 |
| MERCEDES | TRUCK | 3234 | 3 4 | L | KB2065 |
| MERCEDES | TRUCK | 3234 | 3 4 | R | KB2060 |
| MERCEDES | TRUCK | ACTROS | 1 | L | KB6510 |
| MERCEDES | TRUCK | ACTROS | 1 | R | KB6515 |
| MERCEDES | TRUCK | ACTROS | 1 | L | KB6530 |
| MERCEDES | TRUCK | ACTROS | 1 | R | KB6535 |
| MERCEDES | TRUCK | ACTROS | 2 | L | KB6500 |
| MERCEDES | TRUCK | ACTROS | 2 | R | KB6505 |
| MERCEDES | TRUCK | ACTROS | 2 | L | KB6520 |
| MERCEDES | TRUCK | ACTROS | 2 | R | KB6525 |
| MERCEDES | TRUCK | ACTROS | 2 | L | KB6545 |
| MERCEDES | TRUCK | ACTROS | 2 | R | KB6540 |
| MERCEDES | TRUCK | TAG AXLE | 3 | L | KB2755 |
| MERCEDES | TRUCK | TAG AXLE | 3 | R | KB2750 |
| MERCEDES | TRUCK | | 3 | L | KB3075 |
| MERCEDES | TRUCK | | 3 | R | KB3080 |

6. Vehicle Applications - Trucks by Manufacturer

| Manufacturer | Application | Model | Axle Number | Axle Side | K-B ASA |
|--------------|-------------|----------|-------------|-----------|---------|
| RENAULT | TRUCK | AE | 2 | L | KB2910 |
| RENAULT | TRUCK | AE | 2 | R | KB2905 |
| RENAULT | TRUCK | AE | 2 | L | KB3485 |
| RENAULT | TRUCK | AE | 2 | R | KB3490 |
| RENAULT | TRUCK | C290 | 1 | L | KB2225 |
| RENAULT | TRUCK | C290 | 1 | R | KB2245 |
| RENAULT | TRUCK | C290 | 3 | L | KB2795 |
| RENAULT | TRUCK | C290 | 3 | R | KB2800 |
| RENAULT | TRUCK | G170 | 1 | L R | KB3200 |
| RENAULT | TRUCK | G170 | 2 | L | KB2230 |
| RENAULT | TRUCK | G170 | 2 | R | KB2240 |
| RENAULT | TRUCK | G210 | 1 | L | KB2225 |
| RENAULT | TRUCK | G210 | 1 | R | KB2245 |
| RENAULT | TRUCK | G210 | 2 | L | KB2230 |
| RENAULT | TRUCK | G210 | 2 | R | KB2240 |
| RENAULT | TRUCK | G230 | 1 | L | KB2225 |
| RENAULT | TRUCK | G230 | 1 | R | KB2245 |
| RENAULT | TRUCK | G230 | 2 | L | KB2230 |
| RENAULT | TRUCK | G230 | 2 | R | KB2240 |
| RENAULT | TRUCK | G260 | 1 | L | KB2225 |
| RENAULT | TRUCK | G260 | 1 | R | KB2245 |
| RENAULT | TRUCK | G260 | 2 | L | KB2230 |
| RENAULT | TRUCK | G260 | 2 | R | KB2240 |
| RENAULT | TRUCK | G290 | 1 | L | KB2225 |
| RENAULT | TRUCK | G290 | 1 | R | KB2245 |
| RENAULT | TRUCK | G290 | 2 | L | KB2230 |
| RENAULT | TRUCK | G290 | 2 | R | KB2240 |
| RENAULT | TRUCK | G310 | 1 | L | KB2225 |
| RENAULT | TRUCK | G310 | 1 | R | KB2245 |
| RENAULT | TRUCK | G310 | 2 | L | KB2230 |
| RENAULT | TRUCK | G310 | 2 | R | KB2240 |
| RENAULT | TRUCK | G340 | 1 2 | L | KB2225 |
| RENAULT | TRUCK | G340 | 1 2 | R | KB2245 |
| RENAULT | TRUCK | G340Ti | 1 2 | L | KB2225 |
| RENAULT | TRUCK | G340Ti | 1 2 | R | KB2245 |
| RENAULT | TRUCK | G340Ti | 3 | L | KB2230 |
| RENAULT | TRUCK | G340Ti | 3 | R | KB2240 |
| RENAULT | TRUCK | G365 | 1 2 | L | KB2225 |
| RENAULT | TRUCK | G365 | 1 2 | R | KB2245 |
| RENAULT | TRUCK | G385Ti | 1 2 | L | KB2225 |
| RENAULT | TRUCK | G385Ti | 1 2 | R | KB2245 |
| RENAULT | TRUCK | G385Ti | 3 | L | KB2230 |
| RENAULT | TRUCK | G385Ti | 3 | R | KB2240 |
| RENAULT | TRUCK | LIGNE 2 | 1 2 | L | KB3840 |
| RENAULT | TRUCK | LIGNE 2 | 1 2 | R | KB3845 |
| RENAULT | TRUCK | M200-16D | 1 | L | KB2225 |
| RENAULT | TRUCK | M200-16D | 1 | R | KB2245 |
| RENAULT | TRUCK | M200-16D | 2 | L | KB2795 |
| RENAULT | TRUCK | M200-16D | 2 | R | KB2800 |
| RENAULT | TRUCK | MAGNUM | 2 | L | KB2630 |
| RENAULT | TRUCK | MAGNUM | 2 | R | KB2635 |
| RENAULT | TRUCK | MAGNUM | 2 | L | KB3485 |
| RENAULT | TRUCK | MAGNUM | 2 | R | KB3490 |
| RENAULT | TRUCK | MAXTER | 1 | L | KB3055 |
| RENAULT | TRUCK | MAXTER | 1 | R | KB3050 |
| RENAULT | TRUCK | MAXTER | 1 2 | L | KB2940 |
| RENAULT | TRUCK | MAXTER | 1 2 | R | KB2945 |
| RENAULT | TRUCK | MAXTER | 1 2 | L | KB3040 |
| RENAULT | TRUCK | MAXTER | 1 2 | R | KB3045 |
| RENAULT | TRUCK | MAXTER | 2 3 4 | L | KB2630 |
| RENAULT | TRUCK | MAXTER | 2 3 4 | R | KB2635 |
| RENAULT | TRUCK | MAXTER | 2 3 4 | L | KB2640 |
| RENAULT | TRUCK | MAXTER | 2 3 4 | R | KB2645 |
| RENAULT | TRUCK | MAXTER | 2 3 4 | L | KB2920 |
| RENAULT | TRUCK | MAXTER | 2 3 4 | R | KB2925 |
| RENAULT | TRUCK | PREMIUM | 3 | L | KB3485 |
| RENAULT | TRUCK | PREMIUM | 3 | R | KB3490 |
| RENAULT | TRUCK | PS30 | 1 | L R | KB2080 |
| RENAULT | TRUCK | R310 | 1 | L | KB2225 |

6. Vehicle Applications - Trucks by Manufacturer

| Manufacturer | Application | Model | Axle Number | Axle Side | K-B ASA |
|----------------|-------------|-------------------------|-------------|-----------|---------|
| RENAULT | TRUCK | R310 | 1 | R | KB2245 |
| RENAULT | TRUCK | R310 | 2 3 | L | KB2230 |
| RENAULT | TRUCK | R310 | 2 3 | R | KB2240 |
| RENAULT | TRUCK | R330 | 1 | L | KB2225 |
| RENAULT | TRUCK | R330 | 1 | R | KB2245 |
| RENAULT | TRUCK | R330 | 2 | L | KB2225 |
| RENAULT | TRUCK | R330 | 2 | R | KB2245 |
| RENAULT | TRUCK | R330 | 2 3 | L | KB2230 |
| RENAULT | TRUCK | R330 | 2 3 | R | KB2240 |
| RENAULT | TRUCK | R360 | 1 | L | KB2225 |
| RENAULT | TRUCK | R360 | 1 | R | KB2245 |
| RENAULT | TRUCK | R360 | 2 | L | KB2230 |
| RENAULT | TRUCK | R360 | 2 | R | KB2240 |
| RENAULT | TRUCK | R370 | 1 3 | L | KB2225 |
| RENAULT | TRUCK | R370 | 1 3 | R | KB2245 |
| RENAULT | TRUCK | R370 | 2 3 | L | KB2230 |
| RENAULT | TRUCK | R370 | 2 3 | R | KB2240 |
| RENAULT | TRUCK | R385/420/340TI | 2 | L | KB2795 |
| RENAULT | TRUCK | R385/420/340TI | 2 | R | KB2800 |
| RENAULT | TRUCK | R390 | 1 3 | L | KB2225 |
| RENAULT | TRUCK | R390 | 1 3 | R | KB2245 |
| RENAULT | TRUCK | R390 | 2 3 | L | KB2230 |
| RENAULT | TRUCK | R390 | 2 3 | R | KB2240 |
| RENAULT | TRUCK | | 1 | L | KB3855 |
| RENAULT | TRUCK | | 1 | R | KB3850 |
| RENAULT | TRUCK | | | L | KB3755 |
| RENAULT | TRUCK | | | R | KB4200 |
| RENAULT SAVIEM | TRUCK | SM12 | 1 | L R | KB2080 |
| RENAULT SAVIEM | TRUCK | SM280T | 1 | L R | KB2080 |
| RENAULT SAVIEM | TRUCK | SM280T | 2 | L | KB2620 |
| RENAULT SAVIEM | TRUCK | SM280T | 2 | R | KB2625 |
| RENAULT SAVIEM | TRUCK | SM340 | 1 | L R | KB2080 |
| RENAULT SAVIEM | TRUCK | SM340T | 2 | L | KB2620 |
| RENAULT SAVIEM | TRUCK | SM340T | 2 | R | KB2625 |
| SCAMMEL | TRUCK | FIRE ENGINE | 1 | L | KB3445 |
| SCAMMEL | TRUCK | FIRE ENGINE | 1 | R | KB3440 |
| SCANIA | TRUCK | 1 Series L / LB Model | 2 | L R | KB2710 |
| SCANIA | TRUCK | 1 Series LS / LBS Model | 2 | L R | KB2710 |
| SCANIA | TRUCK | 1 Series LT / LBT Model | 2 | L R | KB2250 |
| SCANIA | TRUCK | 1 Series LT / LBT Model | 2 3 | L | KB2270 |
| SCANIA | TRUCK | 1 Series LT / LBT Model | 2 3 | R | KB2265 |
| SCANIA | TRUCK | 1 Series LT / LBT Model | 3 | L R | KB2710 |
| SCANIA | TRUCK | 112M / P112M | 2 | L R | KB2710 |
| SCANIA | TRUCK | 2 SERIES | 1 | L | KB2215 |
| SCANIA | TRUCK | 2 SERIES | 1 | R | KB2210 |
| SCANIA | TRUCK | 3 SERIES | 1 | L | KB2215 |
| SCANIA | TRUCK | 3 SERIES | 1 | R | KB2210 |
| SCANIA | TRUCK | 4 SERIES | 1 | L | KB2740 |
| SCANIA | TRUCK | 4 SERIES | 1 | R | KB2735 |
| SCANIA | TRUCK | 4 SERIES | 2 3 4 | L | KB2220 |
| SCANIA | TRUCK | 4 SERIES | 2 3 4 | R | KB2260 |
| SCANIA | TRUCK | 4 SERIES | 3 4 | L | KB3550 |
| SCANIA | TRUCK | 4 SERIES | 3 4 | R | KB3555 |
| SCANIA | TRUCK | 82M | 2 3 | L R | KB2710 |
| SCANIA | TRUCK | G82 / P82 | 2 | L | KB2220 |
| SCANIA | TRUCK | G82 / P82 | 2 | R | KB2260 |
| SCANIA | TRUCK | G82 / P82 | 2 3 | L R | KB2250 |
| SCANIA | TRUCK | G82 / P82 | 3 | L | KB2590 |
| SCANIA | TRUCK | G82 / P82 | 3 | R | KB2585 |
| SCANIA | TRUCK | G82 / P82 / T82 | 2 3 | L R | KB2710 |
| SCANIA | TRUCK | G82M / P82M / T82MH | 2 | L R | KB2710 |
| SCANIA | TRUCK | G92 / P92 / R92 | 2 | L | KB2220 |
| SCANIA | TRUCK | G92 / P92 / R92 | 2 | R | KB2260 |
| SCANIA | TRUCK | G92 / P92 / R92 | 2 3 | L R | KB2250 |
| SCANIA | TRUCK | G92 / P92 / R92 | 3 | L | KB2590 |
| SCANIA | TRUCK | G92 / P92 / R92 | 3 | R | KB2585 |
| SCANIA | TRUCK | G92 / P92 / R92 | 3 | L R | KB2710 |
| SCANIA | TRUCK | G93 / P93 / R93 | 2 3 | L | KB2220 |
| SCANIA | TRUCK | G93 / P93 / R93 | 2 3 | R | KB2260 |

6. Vehicle Applications - Trucks by Manufacturer

| Manufacturer | Application | Model | Axle Number | Axle Side | K-B ASA |
|--------------|-------------|-----------------------------|-------------|-----------|---------|
| SCANIA | TRUCK | G93 / P93 / R93 | 2 3 | L R | KB2250 |
| SCANIA | TRUCK | G93 / P93 / R93 | 3 | L | KB2585 |
| SCANIA | TRUCK | G93 / P93 / R93 | 3 | R | KB2590 |
| SCANIA | TRUCK | G93 / P93 / R93 | 3 | L | KB3520 |
| SCANIA | TRUCK | G93 / P93 / R93 | 3 | R | KB3525 |
| SCANIA | TRUCK | G93 / P93 / R93 | 3 | L R | KB2710 |
| SCANIA | TRUCK | G112 / P112 / R112 / R142 | 2 | L | KB2220 |
| SCANIA | TRUCK | G112 / P112 / R112 / R142 | 2 | R | KB2260 |
| SCANIA | TRUCK | G112 / P112 / R112 / R142 | 2 3 | L R | KB2250 |
| SCANIA | TRUCK | G112 / P112 / R112 / R142 | 2 3 | L R | KB2710 |
| SCANIA | TRUCK | G112 / P112 / R112 / R142 | 3 | L | KB2590 |
| SCANIA | TRUCK | G112 / P112 / R112 / R142 | 3 | R | KB2585 |
| SCANIA | TRUCK | G112 / P112 / R112 / R142 | 3 | L | KB2600 |
| SCANIA | TRUCK | G112 / P112 / R112 / R142 | 3 | R | KB2605 |
| SCANIA | TRUCK | G112 / P112 / R112 / R142 | 3 | L | KB3525 |
| SCANIA | TRUCK | G112 / P112 / R112 / R142 | 3 | R | KB3520 |
| SCANIA | TRUCK | L80 | 2 | L R | KB2710 |
| SCANIA | TRUCK | L81 | 2 | L R | KB2710 |
| SCANIA | TRUCK | L85 / LB85 / L86 / LB86 | 2 | L R | KB2710 |
| SCANIA | TRUCK | LBS85 / LS85 / LBS86 / LS86 | 2 | L R | KB2710 |
| SCANIA | TRUCK | L110 / LB110 | 2 | L R | KB2710 |
| SCANIA | TRUCK | L140 / LB140 | 2 | L R | KB2710 |
| SCANIA | TRUCK | LBS110 / LS110 | 2 | L R | KB2710 |
| SCANIA | TRUCK | LBS140 / LS140 | 2 | L R | KB2710 |
| SCANIA | TRUCK | LBT110 / LT110 | 2 | L | KB2270 |
| SCANIA | TRUCK | LBT110 / LT110 | 2 | R | KB2265 |
| SCANIA | TRUCK | LBT110 / LT110 | 3 | L | KB2270 |
| SCANIA | TRUCK | LBT110 / LT110 | 3 | R | KB2265 |
| SCANIA | TRUCK | LBT140 / LT140 | 2 3 | L | KB2270 |
| SCANIA | TRUCK | LBT140 / LT140 | 2 3 | R | KB2265 |
| SCANIA | TRUCK | LT145 | 2 | L | KB2270 |
| SCANIA | TRUCK | LT145 | 2 | R | KB2265 |
| SCANIA | TRUCK | LT145 | 3 | L | KB2270 |
| SCANIA | TRUCK | LT145 | 3 | R | KB2265 |
| SCANIA | TRUCK | LT146 | 2 | L | KB2270 |
| SCANIA | TRUCK | LT146 | 2 | R | KB2265 |
| SCANIA | TRUCK | LT146 | 2 | L R | KB2250 |
| SCANIA | TRUCK | LT146 | 3 | L | KB2270 |
| SCANIA | TRUCK | LT146 | 3 | R | KB2265 |
| SCANIA | TRUCK | LT146 | 3 | L R | KB2710 |
| SCANIA | TRUCK | P92HB | 2 | L R | KB2250 |
| SCANIA | TRUCK | P92M / P92MA | 2 | L R | KB2250 |
| SCANIA | TRUCK | P92M / P92MA | 3 | L R | KB2710 |
| SCANIA | TRUCK | P112M/H | 2 | L R | KB2250 |
| SCANIA | TRUCK | P113 / R113 / R143 | 2 3 | L | KB2220 |
| SCANIA | TRUCK | P113 / R113 / R143 | 2 3 | R | KB2260 |
| SCANIA | TRUCK | P113 / R113 / R143 | 2 3 | L R | KB2250 |
| SCANIA | TRUCK | P113 / R113 / R143 | 3 | L | KB2585 |
| SCANIA | TRUCK | P113 / R113 / R143 | 3 | R | KB2590 |
| SCANIA | TRUCK | P113 / R113 / R143 | 3 | L | KB3520 |
| SCANIA | TRUCK | P113 / R113 / R143 | 3 | R | KB3525 |
| SCANIA | TRUCK | P113 / R113 / R143 | 3 | L R | KB2710 |
| SCANIA | TRUCK | P113MA | 2 | L | KB2220 |
| SCANIA | TRUCK | P113MA | 2 | R | KB2260 |
| SCANIA | TRUCK | P113MA | 3 | L | KB2585 |
| SCANIA | TRUCK | P113MA | 3 | R | KB2590 |
| SCANIA | TRUCK | R142MA | 2 | L R | KB2250 |
| SCANIA | TRUCK | R142MA | 3 | L R | KB2710 |
| SCANIA | TRUCK | R142M/H R142MAH / T142H | 2 | L R | KB2710 |
| SCANIA | TRUCK | T112 | 2 | L R | KB2250 |
| SCANIA | TRUCK | T112 | 3 | L | KB2590 |
| SCANIA | TRUCK | T112 | 3 | R | KB2585 |
| SCANIA | TRUCK | T142 | 2 | L R | KB2250 |
| SCANIA | TRUCK | T142 | 3 | L | KB2220 |
| SCANIA | TRUCK | T142 | 3 | R | KB2260 |
| SCANIA | TRUCK | T142 | 3 | L | KB2590 |
| SCANIA | TRUCK | T142 | 3 | R | KB2585 |
| SCANIA | TRUCK | T82 | 2 3 | L R | KB2250 |
| SCANIA | TRUCK | T82 | 3 | L | KB2590 |

6. Vehicle Applications - Trucks by Manufacturer

| Manufacturer | Application | Model | Axle Number | Axle Side | K-B ASA |
|-----------------|-------------|-------------------|-------------|-----------|---------|
| SCANIA | TRUCK | T82 | 3 | R | KB2585 |
| SCANIA | TRUCK | T92 | 2 | L R | KB2250 |
| SCANIA | TRUCK | T92 | 3 | L | KB2590 |
| SCANIA | TRUCK | T92 | 3 | R | KB2585 |
| SCANIA | TRUCK | T92 / T112 / T142 | 2 3 | L R | KB2710 |
| SCANIA | TRUCK | T93 / T113 / T143 | 2 | L R | KB2250 |
| SCANIA | TRUCK | T93 / T113 / T143 | 2 3 | L | KB2220 |
| SCANIA | TRUCK | T93 / T113 / T143 | 2 3 | R | KB2260 |
| SCANIA | TRUCK | T93 / T113 / T143 | 3 | L | KB2585 |
| SCANIA | TRUCK | T93 / T113 / T143 | 3 | R | KB2590 |
| SCANIA | TRUCK | T93 / T113 / T143 | 3 | L R | KB2710 |
| SEDDON ATKINSON | TRUCK | 301 | 1 | L R | KB2175 |
| SEDDON ATKINSON | TRUCK | 301 | 1 2 | L R | KB2235 |
| SEDDON ATKINSON | TRUCK | 311 7.0T | 1 | L R | KB2175 |
| SEDDON ATKINSON | TRUCK | 311 7.0T | 2 3 | L R | KB2170 |
| SEDDON ATKINSON | TRUCK | 311 R | 1 2 | L R | KB2235 |
| SEDDON ATKINSON | TRUCK | 311 R | 2 3 4 | L R | KB2170 |
| SEDDON ATKINSON | TRUCK | 311 TRACTOR | 1 2 | L R | KB2235 |
| SEDDON ATKINSON | TRUCK | 401 | 1 | L R | KB2175 |
| SEDDON ATKINSON | TRUCK | 401 | 1 2 | L R | KB2235 |
| SEDDON ATKINSON | TRUCK | 6x4 | 1 2 | L R | KB2235 |
| SEDDON ATKINSON | TRUCK | 6x4 | 3 | L R | KB2170 |
| SEDDON ATKINSON | TRUCK | 8x4 | 1 2 | L R | KB2235 |
| SEDDON ATKINSON | TRUCK | 8x4 | 3 4 | L R | KB2170 |
| SEDDON ATKINSON | TRUCK | STRATO T3+TC3 | 1 2 | L R | KB2175 |
| SEDDON ATKINSON | TRUCK | STRATO T3+TC3 | 2 3 | L R | KB2235 |
| SISU | TRUCK | MILITARY | | L R | KB3450 |
| VOLVO | TRUCK | F7 | 1 | L | KB2555 |
| VOLVO | TRUCK | F7 | 1 | R | KB2560 |
| VOLVO | TRUCK | F7 | 1 | L | KB2695 |
| VOLVO | TRUCK | F7 | 1 | R | KB2550 |
| VOLVO | TRUCK | F7 | 2 3 | L | KB2535 |
| VOLVO | TRUCK | F7 | 2 3 | R | KB2530 |
| VOLVO | TRUCK | F7 RIGID | 1 2 | L | KB2555 |
| VOLVO | TRUCK | F7 RIGID | 1 2 | R | KB2560 |
| VOLVO | TRUCK | F7 RIGID | 2 3 4 | L | KB2535 |
| VOLVO | TRUCK | F7 RIGID | 2 3 4 | R | KB2530 |
| VOLVO | TRUCK | F7 TRACTOR | 1 | L | KB2555 |
| VOLVO | TRUCK | F7 TRACTOR | 1 | R | KB2560 |
| VOLVO | TRUCK | F7 TRACTOR | 2 | L | KB2535 |
| VOLVO | TRUCK | F7 TRACTOR | 2 | R | KB2530 |
| VOLVO | TRUCK | F10 / F12 TRACTOR | 2 | L | KB2545 |
| VOLVO | TRUCK | F10 / F12 TRACTOR | 2 | R | KB2540 |
| VOLVO | TRUCK | F10 / F12 | 1 | L | KB2555 |
| VOLVO | TRUCK | F10 / F12 | 1 | R | KB2560 |
| VOLVO | TRUCK | F10 / F12 | 1 3 | L | KB2695 |
| VOLVO | TRUCK | F10 / F12 | 1 3 | R | KB2550 |
| VOLVO | TRUCK | F10 / F12 | 2 3 | R | KB2530 |
| VOLVO | TRUCK | F10 / F12 | 2 3 | L | KB2535 |
| VOLVO | TRUCK | F10 / F12 | 2 3 | R | KB2540 |
| VOLVO | TRUCK | F10 / F12 | 2 3 | L | KB2545 |
| VOLVO | TRUCK | F85TB | 1 | L | KB2695 |
| VOLVO | TRUCK | F85TB | 1 | R | KB2550 |
| VOLVO | TRUCK | F85TB | 2 | L | KB2535 |
| VOLVO | TRUCK | F85TB | 2 | R | KB2530 |
| VOLVO | TRUCK | F86 / FB86 / F87 | 1 | L | KB2695 |
| VOLVO | TRUCK | F86 / FB86 / F87 | 1 | R | KB2550 |
| VOLVO | TRUCK | F86 / FB86 / F87 | 2 | L | KB2535 |
| VOLVO | TRUCK | F86 / FB86 / F87 | 2 | R | KB2530 |
| VOLVO | TRUCK | F86 / FB86 / F87 | 2 | L | KB2545 |
| VOLVO | TRUCK | F86 / FB86 / F87 | 2 | R | KB2540 |
| VOLVO | TRUCK | F88 / FB88 / F89 | 1 | L | KB2695 |
| VOLVO | TRUCK | F88 / FB88 / F89 | 1 | R | KB2550 |
| VOLVO | TRUCK | F88 / FB88 / F89 | 2 | L | KB2535 |
| VOLVO | TRUCK | F88 / FB88 / F89 | 2 | R | KB2530 |
| VOLVO | TRUCK | G88 / G89 | 1 | L | KB2695 |
| VOLVO | TRUCK | G88 / G89 | 1 | R | KB2550 |
| VOLVO | TRUCK | G88 / G89 | 2 | L | KB2535 |
| VOLVO | TRUCK | G88 / G89 | 2 | R | KB2530 |

6. Vehicle Applications - Trucks by Manufacturer

| Manufacturer | Application | Model | Axle Number | Axle Side | K-B ASA |
|--------------|-------------|-----------|-------------|-----------|---------|
| VOLVO | TRUCK | N7 | 1 | L | KB2555 |
| VOLVO | TRUCK | N7 | 1 | R | KB2550 |
| VOLVO | TRUCK | N7 | 1 | L | KB2695 |
| VOLVO | TRUCK | N7 | 1 | R | KB2560 |
| VOLVO | TRUCK | N7 | 2 | L | KB2535 |
| VOLVO | TRUCK | N7 | 2 | R | KB2530 |
| VOLVO | TRUCK | N7 | 2 | L | KB2545 |
| VOLVO | TRUCK | N7 | 2 | R | KB2540 |
| VOLVO | TRUCK | N10 / N12 | 1 | L | KB2555 |
| VOLVO | TRUCK | N10 / N12 | 1 | R | KB2550 |
| VOLVO | TRUCK | N10 / N12 | 1 | L | KB2695 |
| VOLVO | TRUCK | N10 / N12 | 1 | R | KB2560 |
| VOLVO | TRUCK | N10 / N12 | 2 3 | L | KB2535 |
| VOLVO | TRUCK | N10 / N12 | 2 3 | R | KB2530 |
| VOLVO | TRUCK | N10 / N12 | 2 3 | L | KB2545 |
| VOLVO | TRUCK | N10 / N12 | 2 3 | R | KB2540 |
| VOLVO | TRUCK | N84TB | 1 | L | KB2695 |
| VOLVO | TRUCK | N84TB | 1 | R | KB2550 |
| VOLVO | TRUCK | N84TB | 2 | L | KB2535 |
| VOLVO | TRUCK | N84TB | 2 | R | KB2530 |

6. Vehicle Applications

Notes

Introduction

The information given in this cross reference section is divided into two parts. Firstly, the cross references from Haldex Part Numbers to Knorr-Bremse Part Numbers are shown. Secondly, the cross references from Original Equipment Manufacturer (OEM) Part Numbers to Knorr-Bremse Part Numbers are shown together with the name of the manufacturer. These OEM cross references are arranged in OEM order and then by part number.

The information in this cross reference section is up to date at the time of publication. However, if the number that you are seeking cannot be found, contact your local Knorr-Bremse representative to establish if a product is available to meet your requirement.

7. Cross References - Haldex to Knorr-Bremse

| Haldex | Knorr-Bremse | Haldex | Knorr-Bremse | Haldex | Knorr-Bremse | Haldex | Knorr-Bremse |
|--------|--------------|--------|--------------|--------|--------------|--------|--------------|
| 12254 | KB2405 | 70917 | KB2840 | 72153 | KB2300 | 72352 | KB3120 |
| 12255 | KB2410 | 70918 | KB2470 | 72158 | KB3270 | 72357 | KB3670 |
| 12256 | KB2415 | 70921 | KB2530 | 72159 | KB3265 | 72358 | KB3675 |
| 70510 | KB2650 | 70922 | KB2535 | 72160 | KB2240 | 72359 | KB1070 |
| 70511 | KB2655 | 70923 | KB2540 | 72161 | KB2230 | 72361 | KB2995 |
| 70512 | KB2365 | 70924 | KB2545 | 72162 | KB2225 | 72362 | KB3095 |
| 70532 | KB2430 | 70930 | KB3170 | 72163 | KB2245 | 72364 | KB2375 |
| 70582 | KB2390 | 70931 | KB2970 | 72166 | KB2275 | 72367 | KB2335 |
| 70583 | KB2355 | 70937 | KB2680 | 72167 | KB2295 | 72368 | KB3680 |
| 70624 | KB2330 | 70938 | KB2850 | 72170 | KB2395 | 72369 | KB3685 |
| 70626 | KB2320 | 70943 | KB2475 | 72173 | KB2160 | 72393 | KB2865 |
| 70627 | KB2435 | 70944 | KB2480 | 72174 | KB2155 | 72394 | KB2870 |
| 70634 | KB2370 | 70945 | KB2315 | 72177 | KB2845 | 72395 | KB2875 |
| 70639 | KB2565 | 70947 | KB2160 | 72178 | KB3480 | 72401 | KB2380 |
| 70640 | KB2570 | 70948 | KB2155 | 72180 | KB2235 | 72402 | KB2385 |
| 70662 | KB2270 | 70949 | KB1080 | 72181 | KB2170 | 72403 | KB2185 |
| 70663 | KB2265 | 70952 | KB2065 | 72197 | KB2030 | 72404 | KB2190 |
| 70664 | KB3555 | 70953 | KB2060 | 72199 | KB2175 | 72406 | KB2180 |
| 70665 | KB3550 | 70954 | KB2045 | 72202 | KB2515 | 72407 | KB2670 |
| 70698 | KB1075 | 70960 | KB1160 | 72203 | KB2505 | 72414 | KB2610 |
| 70706 | KB2440 | 70961 | KB1110 | 72204 | KB2510 | 72415 | KB2615 |
| 70710 | KB3195 | 70962 | KB3115 | 72208 | KB3400 | 72416 | KB3015 |
| 70711 | KB3200 | 70963 | KB3120 | 72211 | KB2715 | 72417 | KB3440 |
| 70712 | KB3220 | 70964 | KB2620 | 72212 | KB2720 | 72418 | KB3445 |
| 70713 | KB3215 | 70965 | KB2625 | 72213 | KB2130 | 72420 | KB2200 |
| 70722 | KB2095 | 70966 | KB2100 | 72223 | KB2110 | 72421 | KB2205 |
| 70723 | KB2090 | 70967 | KB3130 | 72224 | KB2120 | 72422 | KB2195 |
| 70724 | KB2575 | 70968 | KB3125 | 72232 | KB3140 | 72428 | KB3455 |
| 70725 | KB2580 | 70971 | KB2085 | 72233 | KB3135 | 72429 | KB3450 |
| 70730 | KB2620 | 70977 | KB2485 | 72234 | KB2855 | 72434 | KB3265 |
| 70731 | KB2625 | 70978 | KB2490 | 72235 | KB2990 | 72435 | KB3270 |
| 70734 | KB2080 | 70983 | KB1075 | 72238 | KB1160 | 72439 | KB2345 |
| 70753 | KB2445 | 70984 | KB1040 | 72239 | KB1110 | 72440 | KB2350 |
| 70754 | KB2765 | 70986 | KB2825 | 72250 | KB1075 | 72441 | KB2340 |
| 70760 | KB2065 | 72005 | KB2815 | 72252 | KB2085 | 72455 | KB3340 |
| 70761 | KB2060 | 72006 | KB2820 | 72254 | KB1015 | 72456 | KB3335 |
| 70771 | KB3130 | 72007 | KB1135 | 72258 | KB1040 | 72459 | KB2775 |
| 70772 | KB3125 | 72008 | KB1130 | 72261 | KB1055 | 72460 | KB2780 |
| 70775 | KB2100 | 72010 | KB1010 | 72263 | KB1010 | 72461 | KB3035 |
| 70785 | KB2890 | 72012 | KB2610 | 72266 | KB1050 | 72462 | KB3030 |
| 70786 | KB2895 | 72013 | KB2615 | 72267 | KB1000 | 72464 | KB2710 |
| 70802 | KB1115 | 72014 | KB3255 | 72271 | KB1010 | 72467 | KB2250 |
| 70803 | KB1120 | 72015 | KB3260 | 72274 | KB1025 | 72468 | KB2605 |
| 70804 | KB1015 | 72022 | KB2695 | 72282 | KB1100 | 72469 | KB2600 |
| 70807 | KB3690 | 72023 | KB2550 | 72301 | KB2025 | 72476 | KB2520 |
| 70808 | KB3695 | 72024 | KB2555 | 72302 | KB2020 | 72477 | KB2525 |
| 70810 | KB2745 | 72025 | KB2560 | 72303 | KB2070 | 72478 | KB3520 |
| 70823 | KB2000 | 72033 | KB3475 | 72304 | KB2075 | 72479 | KB3525 |
| 70832 | KB2450 | 72034 | KB3470 | 72305 | KB2305 | 72482 | KB2590 |
| 70833 | KB2455 | 72036 | KB2135 | 72308 | KB2150 | 72483 | KB2585 |
| 70847 | KB3115 | 72037 | KB2140 | 72309 | KB2675 | 72486 | KB2215 |
| 70848 | KB3120 | 72038 | KB2750 | 72310 | KB2105 | 72487 | KB2210 |
| 70859 | KB2325 | 72039 | KB2755 | 72311 | KB2035 | 72488 | KB2360 |
| 70867 | KB2150 | 72054 | KB3795 | 72312 | KB3655 | 72489 | KB2595 |
| 70871 | KB2005 | 72055 | KB3800 | 72313 | KB3660 | 72490 | KB2710 |
| 70877 | KB1075 | 72057 | KB1015 | 72318 | KB2795 | 72491 | KB2220 |
| 70893 | KB2310 | 72059 | KB2040 | 72319 | KB2800 | 72492 | KB2260 |
| 70894 | KB2700 | 72062 | KB2165 | 72320 | KB2095 | 72500 | KB3115 |
| 70902 | KB2255 | 72063 | KB2145 | 72321 | KB2090 | 72501 | KB3120 |
| 70905 | KB2460 | 72066 | KB1015 | 72322 | KB2080 | 72502 | KB3185 |
| 70906 | KB2465 | 72071 | KB3015 | 72326 | KB2860 | 72503 | KB3190 |
| 70907 | KB3120 | 72105 | KB2495 | 72339 | KB3725 | 72506 | KB3690 |
| 70908 | KB3115 | 72106 | KB2500 | 72340 | KB3730 | 72507 | KB3695 |
| 70909 | KB2285 | 72107 | KB2010 | 72342 | KB2395 | 72508 | KB2620 |
| 70910 | KB2290 | 72108 | KB2015 | 72346 | KB3085 | 72509 | KB2625 |
| 70911 | KB3190 | 72109 | KB2115 | 72347 | KB3090 | 72512 | KB3115 |
| 70912 | KB3185 | 72110 | KB2125 | 72349 | KB2605 | 72513 | KB3120 |
| 70915 | KB2660 | 72117 | KB2760 | 72350 | KB2600 | 72523 | KB2010 |
| 70916 | KB2665 | 72152 | KB2280 | 72351 | KB3115 | 72524 | KB2015 |

7. Cross References - Haldex to Knorr-Bremse

| Haldex | Knorr-Bremse | Haldex | Knorr-Bremse | Haldex | Knorr-Bremse | Haldex | Knorr-Bremse |
|--------|--------------|--------|--------------|--------|--------------|--------|--------------|
| 72525 | KB2115 | 72715 | KB2565 | 72971 | KB2090 | 79191 | KB4260 |
| 72526 | KB2125 | 72716 | KB2570 | 72972 | KB2080 | 79195 | KB3725 |
| 72530 | KB2760 | 72717 | KB2575 | 72978 | KB3265 | 79196 | KB3730 |
| 72534 | KB2030 | 72718 | KB2580 | 72979 | KB3270 | 79197 | KB3185 |
| 72535 | KB2515 | 72723 | KB2285 | 72981 | KB3340 | 79198 | KB3190 |
| 72536 | KB2110 | 72724 | KB2290 | 72982 | KB3335 | 79205 | KB2610 |
| 72537 | KB2120 | 72726 | KB2295 | 72983 | KB3690 | 79206 | KB2615 |
| 72538 | KB2020 | 72727 | KB2585 | 72984 | KB3695 | 79207 | KB3400 |
| 72539 | KB2025 | 72728 | KB2590 | 72985 | KB2620 | 79208 | KB2070 |
| 72540 | KB2305 | 72729 | KB3520 | 72986 | KB2625 | 79209 | KB2075 |
| 72541 | KB2675 | 72730 | KB3525 | 72987 | KB3115 | 79210 | KB2095 |
| 72542 | KB2105 | 72731 | KB3350 | 72988 | KB3120 | 79211 | KB2090 |
| 72543 | KB2035 | 72732 | KB3345 | 72989 | KB3165 | 79212 | KB2080 |
| 72544 | KB3655 | 72740 | KB2905 | 72990 | KB3350 | 79216 | KB3265 |
| 72545 | KB3660 | 72741 | KB2910 | 72991 | KB3345 | 79217 | KB3270 |
| 72548 | KB2395 | 72744 | KB2270 | 72993 | KB4200 | 79219 | KB3340 |
| 72578 | KB3165 | 72745 | KB2265 | 72994 | KB3755 | 79220 | KB3335 |
| 72579 | KB2585 | 72758 | KB2085 | 72997 | KB3485 | 79221 | KB3690 |
| 72580 | KB2590 | 72759 | KB3590 | 72998 | KB3490 | 79222 | KB3695 |
| 72581 | KB1040 | 72760 | KB3585 | 72998 | KB3840 | 79223 | KB2620 |
| 72591 | KB3575 | 72763 | KB1010 | 79000 | KB3845 | 79224 | KB2625 |
| 72592 | KB2975 | 72782 | KB2280 | 79001 | KB1025 | 79225 | KB3115 |
| 72593 | KB2055 | 72783 | KB2300 | 79004 | KB1030 | 79226 | KB3120 |
| 72594 | KB2050 | 72784 | KB3140 | 79005 | KB1095 | 79227 | KB3165 |
| 72596 | KB2420 | 72785 | KB3135 | 79006 | KB2815 | 79228 | KB3350 |
| 72597 | KB3105 | 72788 | KB1000 | 79007 | KB2820 | 79229 | KB3345 |
| 72598 | KB3110 | 72788 | KB1000 | 79008 | KB2240 | 79235 | KB1000 |
| 72603 | KB3515 | 72798 | KB2920 | 79013 | KB2230 | 79275 | KB3910 |
| 72608 | KB2400 | 72799 | KB2925 | 79014 | KB2230 | 79276 | KB3915 |
| 72609 | KB2425 | 72807 | KB3550 | 79015 | KB2225 | 79277 | KB2905 |
| 72616 | KB3075 | 72808 | KB3555 | 79016 | KB2795 | 79288 | KB2910 |
| 72617 | KB3080 | 72809 | KB2930 | 79017 | KB2800 | 79289 | KB2920 |
| 72620 | KB2215 | 72810 | KB3155 | 79018 | KB3085 | 79294 | KB2925 |
| 72621 | KB2210 | 72811 | KB3815 | 79020 | KB3090 | 79295 | KB2630 |
| 72622 | KB2250 | 72812 | KB2630 | 79021 | KB1020 | 79296 | KB2635 |
| 72623 | KB2710 | 72813 | KB2635 | 79022 | KB1015 | 79297 | KB2640 |
| 72624 | KB2220 | 72814 | KB3005 | 79023 | KB3425 | 79299 | KB2645 |
| 72625 | KB2260 | 72815 | KB3005 | 79024 | KB3430 | 79300 | KB2940 |
| 72626 | KB2525 | 72816 | KB2360 | 79025 | KB2735 | 79301 | KB2945 |
| 72627 | KB2520 | 72825 | KB2595 | 79033 | KB2740 | 79302 | KB3485 |
| 72630 | KB2360 | 72826 | KB2640 | 79034 | KB1040 | 79304 | KB3490 |
| 72631 | KB2595 | 72835 | KB2645 | 79035 | KB3680 | 79305 | KB3840 |
| 72632 | KB2710 | 72836 | KB2940 | 79040 | KB3685 | 79306 | KB3845 |
| 72654 | KB2710 | 72838 | KB2945 | 79041 | KB3900 | 79307 | KB3055 |
| 72660 | KB2220 | 72839 | KB2935 | 79056 | KB4035 | 79308 | KB3050 |
| 72661 | KB2260 | 72854 | KB3065 | 79057 | KB4040 | 79309 | KB3040 |
| 72662 | KB2250 | 72855 | KB1005 | 79058 | KB4025 | 79310 | KB3045 |
| 72663 | KB2215 | 72875 | KB1010 | 79059 | KB4030 | 79311 | KB3850 |
| 72664 | KB2210 | 72876 | KB2725 | 79060 | KB3750 | 79312 | KB3855 |
| 72665 | KB2520 | 72886 | KB2730 | 79063 | KB3745 | 79313 | KB1080 |
| 72666 | KB2525 | 72887 | KB3995 | 79064 | KB3055 | 79314 | KB1135 |
| 72667 | KB2255 | 72888 | KB2600 | 79075 | KB3050 | 79317 | KB1130 |
| 72668 | KB2530 | 72892 | KB2605 | 79076 | KB3040 | 79318 | KB1160 |
| 72669 | KB2535 | 72893 | KB2660 | 79077 | KB3045 | 79319 | KB1110 |
| 72670 | KB2540 | 72915 | KB2665 | 79078 | KB1085 | 79320 | KB1075 |
| 72671 | KB2545 | 72916 | KB3955 | 79097 | KB1090 | 79321 | KB1095 |
| 72672 | KB2695 | 72921 | KB3960 | 79098 | KB3550 | 79322 | KB1040 |
| 72673 | KB2550 | 72922 | KB3645 | 79105 | KB3555 | 79324 | KB1030 |
| 72674 | KB2555 | 72929 | KB3650 | 79106 | KB3555 | 79326 | KB1005 |
| 72675 | KB2560 | 72930 | KB3300 | 79124 | KB3850 | 79327 | KB1035 |
| 72678 | KB2275 | 72939 | KB1035 | 79125 | KB3855 | 79330 | KB1095 |
| 72679 | KB3790 | 72948 | KB2680 | 79150 | KB3200 | 79331 | KB1040 |
| 72680 | KB3760 | 72951 | KB2610 | 79151 | KB3215 | 79332 | KB3965 |
| 72688 | KB2785 | 72952 | KB2615 | 79152 | KB3325 | 79333 | KB3970 |
| 72689 | KB2790 | 72965 | KB3400 | 79153 | KB3330 | 79429 | KB3180 |
| 72702 | KB1030 | 72966 | KB2070 | 79156 | KB2955 | 79430 | KB3175 |
| 72703 | KB1005 | 72967 | KB2075 | 79157 | KB1170 | 79440 | KB4200 |
| 72704 | KB3700 | 72968 | KB2095 | 79177 | KB4255 | 79441 | KB3755 |
| 72705 | KB3705 | 72970 | KB2095 | 79183 | | | |
| | | | | 79190 | | | |

7. Cross References - Haldex to Knorr-Bremse

| Haldex | Knorr-Bremse |
|--------|--------------|
| 79442 | KB2735 |
| 79443 | KB2740 |
| 79628 | KB2870 |
| 79629 | KB2875 |
| 79641 | KB4255 |
| 79642 | KB4260 |
| 79677 | KB3910 |
| 79678 | KB3915 |
| 80000 | KB6500 |
| 80001 | KB6505 |
| 80008 | KB6510 |
| 80009 | KB6515 |
| 80010 | KB6520 |
| 80011 | KB6525 |
| 80012 | KB6530 |
| 80013 | KB6535 |
| 80014 | KB6540 |
| 80019 | KB1500 |
| 80020 | KB1505 |
| 80021 | KB1510 |
| 80022 | KB1515 |
| 80023 | KB1520 |
| 80024 | KB1525 |
| 80030 | KB6545 |
| 80037 | KB1530 |
| 80041 | KB1535 |
| 80176 | KB6620 |
| 80180 | KB6630 |
| 80181 | KB6660 |
| 80183 | KB6625 |

7. Cross References - OEM to Knorr-Bremse

| Manufacturer | OEM No. | Knorr-Bremse No. |
|--------------|------------|------------------|
| BPW | 0517482022 | KB1005 |
| BPW | 0517482022 | KB1045 |
| BPW | 0517482032 | KB1010 |
| BPW | 0517482122 | KB1010 |
| BPW | 0517482142 | KB1010 |
| BPW | 0517482212 | KB1005 |
| BPW | 0517482212 | KB1045 |
| BPW | 0517482212 | KB1500 |
| BPW | 0517482220 | KB1005 |
| BPW | 0517482220 | KB1045 |
| BPW | 0517482242 | KB1010 |
| BPW | 0517482312 | KB1010 |
| BPW | 0517482472 | KB1010 |
| BPW | 0517482492 | KB1005 |
| BPW | 0517482492 | KB1045 |
| BPW | 0517482632 | KB1005 |
| BPW | 0517482632 | KB1045 |
| BPW | 0517482672 | KB1005 |
| BPW | 0517482672 | KB1045 |
| DAB | 0097774 | KB3790 |
| DAB | 0097775 | KB3760 |
| DAF | 0159556 | KB2010 |
| DAF | 0159557 | KB2015 |
| DAF | 0159558 | KB2115 |
| DAF | 0159559 | KB2125 |
| DAF | 0159560 | KB2760 |
| DAF | 0159561 | KB2105 |
| DAF | 0159562 | KB2035 |
| DAF | 0159563 | KB3655 |
| DAF | 0159564 | KB3660 |
| DAF | 0159565 | KB2515 |
| DAF | 0159577 | KB2395 |
| DAF | 0159587 | KB2110 |
| DAF | 0159588 | KB2120 |
| DAF | 0159589 | KB2020 |
| DAF | 0159590 | KB2025 |
| DAF | 0159591 | KB2305 |
| DAF | 0159592 | KB2675 |
| DAF | 0537538 | KB2030 |
| DAF | 0740321 | KB2400 |
| DAF | 0740322 | KB2425 |
| DAF | 0755616 | KB3700 |
| DAF | 0755617 | KB3705 |
| DAF | 1263485 | KB2725 |
| DAF | 1263486 | KB2730 |
| DAF | 1282111 | KB3425 |
| DAF | 1282112 | KB3430 |
| DAF | 219859 | KB3555 |
| DAF | 219860 | KB3550 |
| DAF | 278350 | KB2010 |
| DAF | 278351 | KB2015 |
| DAF | 278678 | KB2760 |
| DAF | 279172 | KB3660 |
| DAF | 281090 | KB2115 |
| DAF | 281091 | KB2125 |
| DAF | 282609 | KB2030 |
| DAF | 284860 | KB2515 |
| DAF | 289691 | KB2110 |
| DAF | 289692 | KB2120 |
| DAF | 297172 | KB3660 |
| DAF | 297173 | KB3655 |
| DAF | 361323 | KB2305 |
| DAF | 361540 | KB2675 |
| DAF | 361541 | KB2105 |
| DAF | 361542 | KB2035 |
| DAF | 361543 | KB2025 |
| DAF | 361544 | KB2020 |
| DAF | 390065 | KB2395 |
| Dennis | 1042982 | KB2865 |

| Manufacturer | OEM No. | Knorr-Bremse No. |
|--------------|--------------|------------------|
| Dennis | 611484 | KB2325 |
| Dennis | 611485 | KB2825 |
| Dennis | 651623 | KB2375 |
| Dennis | 651626 | KB3095 |
| Dennis | 651777 | KB2335 |
| Dennis | 651777 | KB2865 |
| Dennis | 651852 | KB2825 |
| Dennis | 652568 | KB3095 |
| Dennis | 653509 | KB2995 |
| Dennis | 656007-29 | KB3330 |
| Dennis | 656007-30 | KB3325 |
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| Dennis | 656995-105 | KB3175 |
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| Fruehauf | AJB0743001 | KB1020 |
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7. Cross References - OEM to Knorr-Bremse

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| Mercedes | 619 420 00 38 | KB2165 |
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| Renault | 5010 260 379 | KB3850 |
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7. Cross References - OEM to Knorr-Bremse

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Commercial Vehicle Systems

**Knorr-Bremse Systeme für
Nutzfahrzeuge GmbH**
Moosacher Straße 80
80809 Munich
Germany
Tel: +49 89 3547-0
Fax: +49 89 3547-2767
www.Knorr-BremseCVS.com

Australia
**Knorr-Bremse
Australia Pty. Ltd.**
Granville NSW
Tel: +61 2 8863-6500
Fax: +61 2 8863-6151

Austria
**Knorr-Bremse GmbH
Systeme für Nutzfahrzeuge**
Mödling
Tel: +43 2236 409-436
Fax: +43 2236 409-434

Belgium
Knorr-Bremse Benelux B.V.B.A.
Heist-op-den-Berg
Tel: +32 1525 7900
Fax: +32 1524 9240

Brazil
**Knorr-Bremse
Sistemas para Veículos
Comerciais Brasil Ltda.**
São Paulo
Tel: +55 11 5681 1104
Fax: +55 11 5686 3905

China
**Knorr-Bremse
Brake Equipment (Shanghai) Co.
Ltd. Truck Brake Systems Division**
Shanghai
Tel: +86 21 6891-7525
Fax: +86 21 6891-7510

**Knorr-Bremse Far East Ltd.
Truck Brake Systems Division**
Hong Kong
Tel: +852 2861 2669
Fax: +852 2520 6259

Czech Republic
**Knorr-Bremse Systémy pro
užitková vozidla, CR, s.r.o.**
Hejnice
Tel: +420 482 363-611
Fax: +420 482 363-711

France
**Knorr-Bremse
Systèmes pour Véhicules
Utilitaires France S.A.**
Lisieux Cedex
Tel: +33 2 3132 1200
Fax: +33 2 3132 1303

Germany
Hasse & Wrede GmbH
Berlin
Tel: +49 30 9392-3101
Fax: +49 30 7009-0811

Hungary
**Knorr-Bremse
Fékrendszerek Kft.**
Kecskemét
Tel: +36 76 511 100
Fax: +36 76 481 100

India
**Knorr-Bremse
Systems for Commercial Vehicles
India Private Ltd.**
Pune
Tel: +91 20 2293-9141-47
Fax: +91 20 2293-9148

Italy
**Knorr-Bremse
Sistemi per Autoveicoli
Commerciali S.p.A.**
Arcore
Tel: +39 039 6075-1
Fax: +39 039 6075-435

Japan
**Knorr-Bremse
Commercial Vehicle Systems
Japan Ltd.**
Tokyo
Tel: +81 3 3971-8501
Fax: +81 3 3971-8579

Korea
**Knorr-Bremse
Korea Ltd. Truck Brake Division**
Seoul
Tel: +82 2 2273-1182
Fax: +82 2 2273-1184

Netherlands
**Knorr-Bremse
Benelux B.V.B.A.**
Mydrecht
Tel: +31 297 239-330
Fax: +31 297 239-339

Poland
Knorr-Bremse Polska Sfn Sp. z o.o.
Warsaw
Tel: +48 22 887 3870
Fax: +48 22 887 3860

Russia
Knorr-Bremse RUS
Nizhniy Novgorod
Tel: +7 8312 57-6661
Fax: +7 8312 57-6791

**Knorr-Bremse
Systeme für Nutzfahrzeuge GmbH**
Moscow
Tel: +7 495 234-4995
Fax: +7 495 234-4996

South Africa
Knorr-Bremse S.A. Pty. Ltd.
Kempton Park
Tel: +27 11 961-7800
Fax: +27 11 975-8249

Spain
BOST IBERICA, S.L.
Irun (Guipuzcoa)
Tel: +34 902 100 569
Fax: +34 943 614 063

Sweden
**Knorr-Bremse
System for Tunga Fordon AB**
Malmö
Tel: +46 40 680 5880
Fax: +46 40 937490

Switzerland
**Knorr-Bremse
Systeme für Nutzfahrzeuge GmbH**
Bassersdorf
Tel: +41 44 888 77-55
Fax: +41 44 888 77-50

Turkey
**Knorr-Bremse
Systeme für Nutzfahrzeuge GmbH**
Findikli - Istanbul
Tel: +90 212 293-4742
Fax: +90 212 293-4743

United Kingdom
**Knorr-Bremse
Systems for Commercial
Vehicles Ltd.**
Bristol
Tel: +44 117 9846-100
Fax: +44 117 9846-101

USA
**Bendix Commercial Vehicle
Systems LLC**
Elyria, OH
Tel: +1 440 329-9100
Fax: +1 440 329-9105

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