

AUTO SLACK INSTALLATION

Components shown in the image will be supplied with the Auto Slack Adjuster kit.

Control Arm

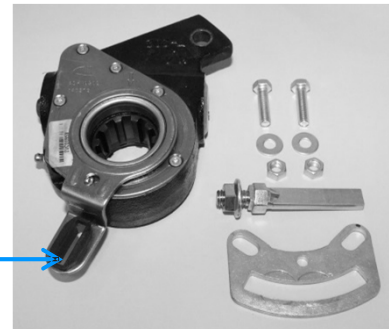


Fig 1.

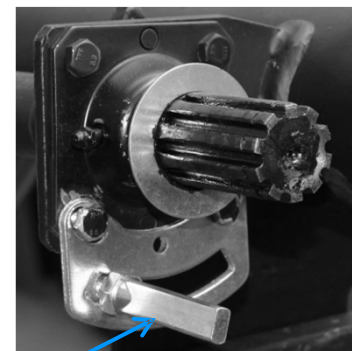
Installation:

1. Install the auto slack bracket as shown in fig 2. Do not tighten the fixing nut and bolt.

2. Clean the s-cam spline and apply lubrication before installing the auto slack.

3. Assemble the auto slack on the camshaft (fig 3). Install the washers and snap rings onto the s-cam, allowing .5mm to 2mm lateral movement on the spline.

Take note, the arrow (fig 5) should be the same direction with the movement of the push rod.



Fixing Bolt

Fig 2.

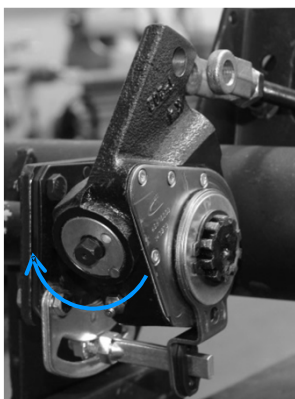


Fig 3.

4. With the brakes released, use a socket wrench to rotate the manual adjuster nut clockwise (fig 4) until the clevis hole lines up with the slack adjuster hole. Then put the split pin in to secure the clevis in place (fig 4).

Manual Adjuster Nut

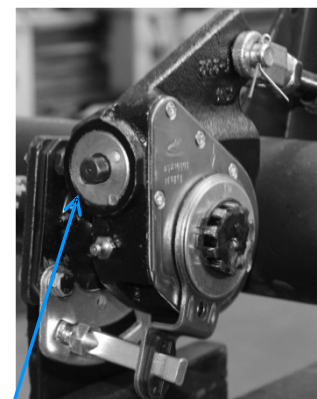


Fig 4.

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5. Push the control arm in the direction of the arrow (a) until it cannot move any further. Now you can tighten the nut on the fixing bolt.



Fig 5. (a)

6. For the adjustment of the manual adjuster nut, turn it clockwise, until it can't move anymore. This means the brake shoe is in contact with the brake drum. Now back off the manual adjuster nut (3/4 turn) in a anticlockwise direction, it will make a loud ratchet (ka-ka) noise.

7. Apply the brake pedal 3-4 times, which will allow the auto slack to adjust itself.

Note: The auto slack adjuster should be in a 90° angle to the push rod when the brake is applied.

Apply lubrication to the grease nipples on the auto slack and into the s-cam bushes.

Make the auto slack as part of your regular axle maintenance and always continue to apply lubrication.