

How do you fit an axle brake chamber and slack adjuster?

Go to the download section of the Granning website and you will find a number of documents covering how to fit manual and automatic slack adjusters and brake chambers. If in doubt contact Granning Engineering eds@granningaxles.ie

Drum Brake Axles	<p>∅420 x 180mm – 100/200/960 SERIES FWE11</p> <p>∅420 x 180mm – 100 SERIES GUANLEAN</p> <p>∅420 x 220mm – 150 SERIES FU</p>
Disc Brake Axles	<p>∅310 x 190mm – 300/400 SERIES FWE11</p> <p>∅310 x 190mm – 300/400 GUANLEAN</p>
Agri Axles	<p>∅406 x 120mm – 860 SERIES</p> <p>∅420 x 180mm – 950 SERIES</p>

<p>Axle Request Form</p> <p>Steer Axle Request Form</p> <p>Suspension Request Form</p> <p>Brake Calculation Form</p> <p>Turning Circle Request Form</p> <p>Bogie Request Form</p> <p>Retrofit Conversion Form</p> <p>Brake Kit Form</p> <p>Hydraulic Suspension Form</p>
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<p><u>SUSPENSIONS MANUALS & PARTS</u></p> <p>Weweler Air Suspension Manual</p> <p>Granning Air Suspension Manual</p> <p>Air Suspension Spare Parts</p> <p>Mechanical Suspension Manual</p> <p>Mechanical Suspension Parts</p>
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<p><u>ADDITIONAL INFORMATION</u></p> <p>→ MEI Automatic Slack Adjuster Fitment</p> <p>→ Haldex Automatic Slack Adjuster Fitment</p> <p>Haldex Load Sensing Valve Setting</p> <p>Continental Tyre Book Information</p> <p>Fifth Wheel Operating Instructions</p> <p>→ Slack Adjuster Fitment</p> <p>→ Brake Chamber Fitment</p> <p>Revised Standards for Agricultural Vehicles</p>
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Manufacturing Procedure MPA22.1



MPA 22.1	Setting Slack Adjusters
Revision Number	20-1
Revision Date	February 2020

Procedure for setting slack adjusters

AT ALL TIMES STANDARD SAFETY EQUIPMENT SHOULD BE WORN ON THE MANUFACTURING FLOOR- SAFETY SHOES, GLOVES, EAR PROTECTION AND EYE PROTECTION.

The procedures and guidelines set out in the health and safety manual should be followed at all times.

A slack adjuster connects the brake chamber to the axle camshaft. There are two main types:

1. Manual slack adjusters
2. Automatic slack adjuster

The gap between brake linings and brake drum needs to be maintained at a constant distance. Manual slacks need to be manually adjusted as the brake lining wears down

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Mounting an Automatic Slack Adjuster – Steer Axle

Mounting an automatic slack adjuster to a steer axle is slightly different to a fixed axle. The control arm receiver in this case is a threaded “L” shaped bracket welded in place to the camshaft support boss.

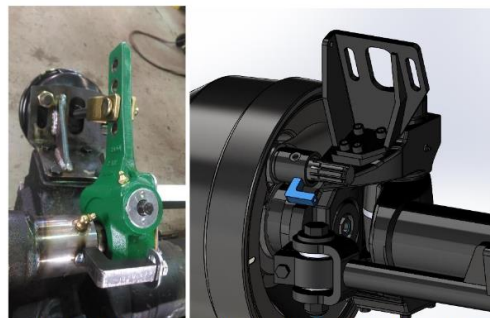


Figure 23: Threaded “L” shaped control arm receiver shown welded to camshaft support bracket.

