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BULLS EYE FEBRUARY 2017

Q PRODUCT IN FOCUS - Meritor AllFit Clearance Sensing Auto Slack Adjusters

Clearance-Sensing Technology. Consistent Brake Performance.

The Meritor AllFit Clearance-Sensing ASA utilises the clearance sensing method to maintain a predetermined clearance between the lined brake shoe and the brake drum on an axle.

The ASA adjusts as the brake lining and drum wear to maintain the clearance providing consistent brake performance throughout the lining life, as well as consistent balance between individual brakes. The AllFit Clearance-Sensing ASA also assists in keeping brake stroke within the legal limits.



Meritor AllFit Clearance Sensing ASA

Quick Reference Guide - Clearance Sensing ASA

Part Number	Spline Diameter No. Teeth	Lever Length	Clevis Type	Clevis Thread	Application
R806003A	1-1/2" X 28	5-1/2"	Straight	5/8" - 18	Kenworth 8 Bag
R806004	1-1/2" X 28	5-1/2"	Straight	5/8" - 18	Drive Axle
R806015	1-1/2" X 10	6"	Straight	5/8" - 18	Trailer
R806023A	1-1/2" X 10	5" 6"	Straight	5/8" - 18	Drive Axle
R806024A	1-1/2" X 28	5" 6"	Straight	5/8" - 18	Drive Axle
R806025A	1-1/2" X 28	5-1/2"	Straight	5/8" - 18	Steer Axle
R806026A	1-1/2" X 28	5- 1/2 " 6- 1/2"	Straight	5/8" - 18	Drive Axle



PRODUCT IN FOCUS - Meritor AllFit SimpleCheck™ Brake Stroke Tool

With SimpleCheck™, Brake Checks Are Simple. And Installation Is Easy.

With the new Meritor AllFit SimpleCheck tool, drivers can quickly check air brake stroke. Just one look, and drivers know whether the brake system needs attention, which makes it much easier to run safe. And SimpleCheck is easy to install on any cam brake air chamber.



SimpleCheck™ Quick Reference

Part Number	Fits Clevis Thread	O.D
M810625	5/8"-18	1.38

How SimpleCheck™ Works.

What: SimpleCheck is a green disc used as a marker to visually inspect applied chamber stroke on cam brake-equipped vehicles.

Where: When the brake is fully released, the SimpleCheck disc is installed on the pushrod at the base of the air brake chamber (as shown right).



How: When the brake is applied (via service air pressure or parking brake spring pressure), the disc indicates how far the pushrod travels.

Inspection: If the SimpleCheck disc travels less than or equal to the length of the standard 1½-inch brake chamber stud, the pushrod stroke is acceptable (as shown right).



If the SimpleCheck disc travels beyond the end of the brake stud (as shown right), then further brake system diagnostics must be performed. It's that simple – and that fast.





LOCAL NEWS -

Two Long Serving Employees Retire from Meritor Australia



Ivan Gangur and Mario Simiele have retired after 45 and 38 years service respectively.

Ivan (pictured left) worked mainly on the carrier line while Mario (pictured right) worked in brakes & suspension.

Robert Edwards (HR manager - pictured centre) presented Ivan & Mario with retirement gifts at a site function, attended by their colleagues.



NEW PRODUCTS & SUPERSESSIONS

NEW PRODUCTS

Part Number	Description
A13226T1112S	Cage, Thru Shaft & Sleeve Assy 145
68966089.Z	Grease Disc Brake

SUPERSESSIONS

Old Part Number	Description	New Part Number
MLF7115	Air Spring	FS9101
E-11401	Kit Auto Slack	E-11401A
A13226T1112	Cage, Thru Shaft & Sleeve Assy 145	A13226T1112S
E-11527	Meritor Camshaft Q-Plus Steer	E-11961

All parts displayed in New Products & Supersessions will be available for immediate ordering. Lead times apply for the listed items. Not all parts are available to Independent Customers. Please contact Meritor Customer Service on (03) 8353 6050 for further information. For full list of supersessions, [CLICK HERE](#)



GETTING TECHNICAL - Meritor AllFit Clearance Sensing Auto Slack Adjusters

How do Clearance-Sensing Automatic Slack Adjusters Work

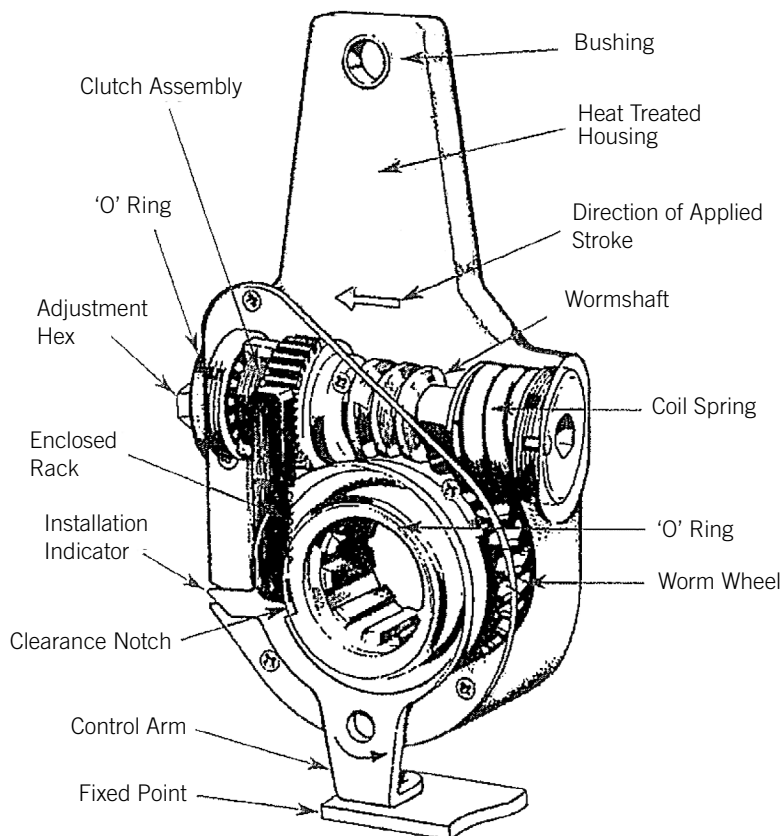
When the Brake Applies:

Upon brake application, the brake adjuster rotates and moves the shoes into contact with the drum. The clearance notch corresponds to the normal lining-to-drum clearance. As the brake application continues, the rack moves upward and rotates the one-way clutch which slips in this direction. As the brake torque increases, the coil spring load is overcome and the wormshaft is displaced axially, releasing the cone clutch.

When the Brake Releases:

When the brake begins its return stroke, the coil spring load returns to normal and the cone clutch is again engaged. The rack is pulled back to its original position in the notch, and any additional travel brought about by lining wear causes the rack to turn the locked one-way clutch and rotates the wormshaft through the locked cone clutch. The wormshaft then rotates the worm wheel and camshaft, adjusting the brakes.

Please refer to PB-8857 for application and part numbers.





EMPLOYEE PROFILE - RAM VAIDYANATHAN

Role at Meritor: Product Manager
Year Joined: 2016

What is your background in Product Management?

I started my career in India working for an automotive manufacturing company involved in sales and product management. Associating closely with the OEM's helped me develop new products and in the maintenance of the existing range. I completed my MBA in sales and marketing and worked in the Middle East responsible for planning sales activities, managing marketing projects, analysing market potential and developing product communication. I also hold a Diploma in Business IT from RMIT.

What are your main job responsibilities?

My role is to steer the ship for growth in the aftermarket. I am responsible for drivetrain and some undercarriage products. I ensure the aftermarket business grows through promotions and ensuring we are competitively placed in the market. I work alongside Sales to gather market information and co-ordinate with marketing to enhance product awareness. I also ensure product information hosted on our website is correct as our customers rely on this.

What's your biggest challenge in this role?

Understanding the product range and grouping them appropriately is a huge and important task.

What are your interests outside work?

I love my family and enjoy travelling with them to different places. I love reading and watching movies. I also love sports and cricket is my favourite.

