



Meritor HVS Australia Ltd.
70-76 Berkshire Road
Sunshine North, Victoria
Australia

Date: June 2014

Subject: Meritor Automatic Slack Adjuster Clarification

Models: Q-Plus and P Series Drum Brakes

Dear Customer,

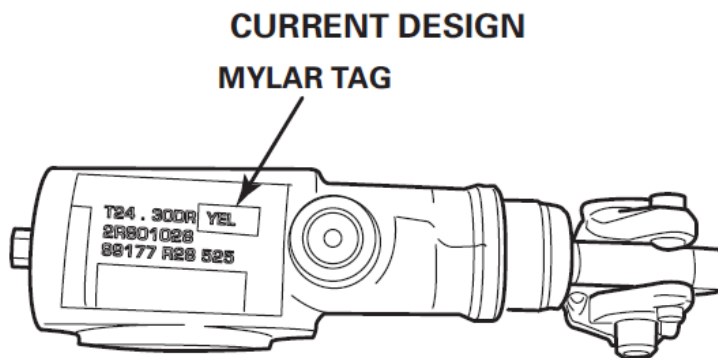
When a Meritor automatic slack adjuster (ASA) is installed, the brake chamber stroke measurement is set for the correct shoe-to-drum clearance. When linings wear, this clearance increases, and the air chamber push rod must travel farther to apply the brakes. When this happens, the slack adjuster will automatically adjust during the return stroke to maintain the correct shoe-to-drum clearance.

The Meritor ASA adjustment is precision tuned by the piston in the actuator adjusting sleeve. On locally assembled axles, Meritor uses red or yellow to colour-code an automatic slack adjuster's internal actuator piston according to brake type and air chamber size.

Service Brake Chamber Size	Meritor Automatic Slack Adjuster Part Number	Slack Adjuster Length	Piston Colour
T20	A23-3275H1152S	5.5"	Red
T24 or T30	A28-3275H1152S	5.5"	Yellow

Meritor uses a Mylar tag on the body of the current-design slack adjuster to identify the colour of the internal actuator piston. The colour of the actuator piston is printed on the Mylar tag.

If unsure of the colour of the actuator piston on the in-service slack adjuster, remove the piston boot to see the colour of the actuator piston.



When selecting an ASA, make sure that the chamber size corresponds to the ASA part number.

If the wrong combination is used, the slack adjuster will not adjust the brake correctly. If the slack adjuster under adjusts, then stopping distances are increased. If the slack adjuster over adjusts, then the linings may drag and damage the brake.

If you have any questions, please contact a Meritor Australia representative on +613-9300-5200. Additional product and service information for Meritor axles is available from the Literature on Demand section at www.meritor.com.

Issued by Product Engineering
Meritor HVSA Ltd