

SAB

DOUBLE-ACTING AUTOMATIC

SLACK ADJUSTERS

AAR APPROVED
CERTIFICATE NO. 3



PATENTED

AUTOMATIC SLACK ADJUSTER
FIELD TEST

THIS ITEM IS BOTH
PHYSICAL (ON SITE)
AND
DIGITAL (ONLINE)!

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SETTING OF PISTON TRAVEL

If the desired piston travel after successive full service brake applications is not obtained, the distance "S" can be shortened to increase the piston travel or can be lengthened to reduce the piston travel. When correct piston travel has been obtained and test procedure performed, the control rod should be welded to control rod head securely. No further welding should be made on the slack adjuster.

CAUTION: Do not apply heavy paint or car cement to the slack adjuster.



For additional information,
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DOUBLE-ACTING AUTOMATIC

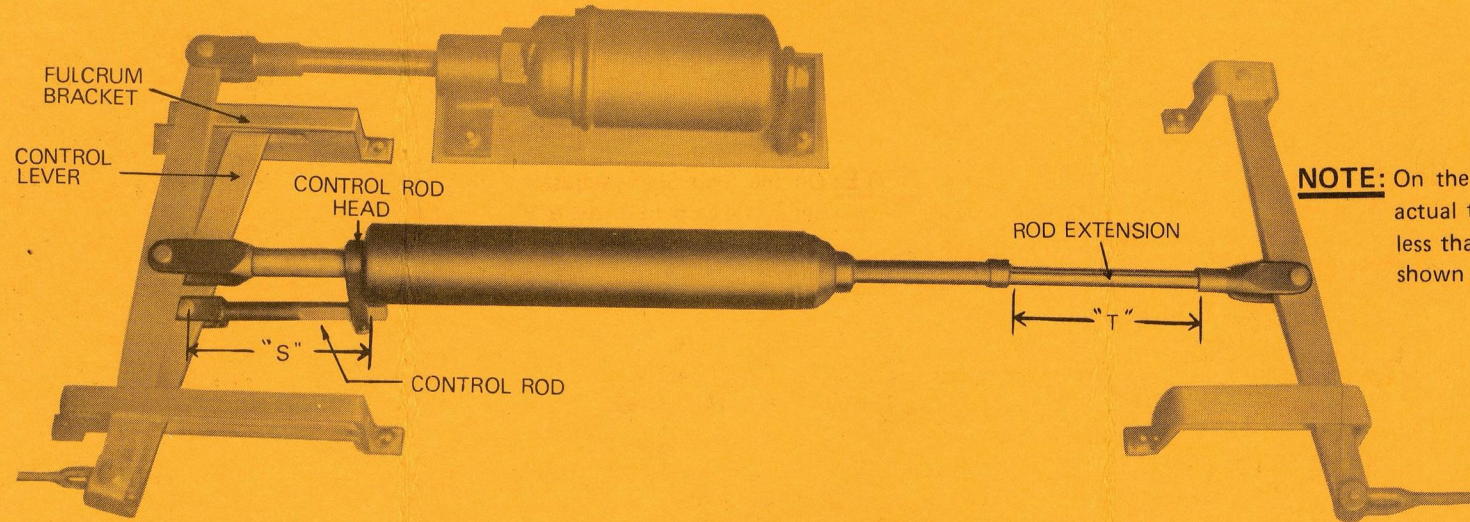
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INSPECTION OF SLACK ADJUSTER AND BRAKE RIGGING

Inspect all parts of brake rigging including brake shoes, levers, brake beams, pins, fulcrum brackets, rods and rod carriers for damage. Inspect slack adjuster, control rod, control lever, control lever bracket and carrier brackets for damage.

Any items that are found to be bent or damaged should be repaired or replaced.

TEST PROCEDURE

- 1) Connect Single Car Tester and charge air system to 70 p.s.i.
- 2) Make a full service reduction (20 lbs.) release and recharge the system.
- 3) Make a second full service application and with brakes applied repeat the inspection tests. At this time check all items to determine that fouling does not exist at any point. Measure and record rod extension "T" and Piston Travel.
- 4) Release brakes and recharge the system. Remove a brake shoe from the car.

- 5) Repeat test (2) and (3). Rod extension "T" should now be shortened and piston travel the same as test (3).
- 6) Release brake and recharge the system. Reapply the brake shoe that was removed in test (4).
- 7) Repeat test (2) and (3). Rod extension "T" and piston travel should now be the same as test (3).
- 8) If slack adjuster does not perform in accordance with test procedure, it should be replaced.

NOTE: Above Field Test can be used for all automatic slack adjusters.