

# SERVICE BULLETIN

## CAB SERVICE & PARTS CORPORATION

#127

SUBSIDIARY OF  
CHECKER MOTORS  
CORPORATION

NEW YORK \* BROOKLINE  
CHICAGO \* DETROIT

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Subject: SELF-ADJUSTING "V" TYPE BRAKE

Description: INSTALLATION AND ADJUSTMENT RECOMMENDATION  
(FORWARD BRAKE SHOE AND BUTTON ASSEMBLY)

The self-adjusting contact plug is located on the forward (primary) brake shoe only, on all 4 wheels. This contact plug is attached to a shoe adjusting lever, which is constantly under tension by a lever wedge actuating spring. When brakes are applied, the contact plug is held against the drum by the tension of this wedge spring.

As lining wear increases, the plug gradually depresses in to the shoe assy., and through the movement of the lever wedge, the button adjusting lever then holds the shoe in the next adjusted position. At near maximum lining wear, the contact plug is depressed until it rests practically on the shoe web and as the lining clearance increases, pedal travel also increases, which then indicates a warning that a brake reline is required. With initial proper button clearance, there is no possibility of button scoring the drum.

### Important Procedure for Inspection and Installation of Self-Adjusting Device

#### Testing Self-Adjuster

1. Press down plug.
2. Release plug to normal position by pulling back on wedge. (Forked design)
3. Repeat above procedure, pressing plug down in gradual steps. Wedge should advance proportionately.
4. Contact plug should move back to the extended position each time it is released when testing.

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IMPORTANT