

SERVICE BULLETIN

NOVEMBER 24, 1976

No. Q89 under BRAKES

FOR BRANCHES, DISTRIBUTORS AND CUSTOMERS.

CHASSIS AFFECTED ALLENTOWN ☒ HAYWARD ☒ OAKVILLE ☒

BRAKE IMPROVEMENTS

(All with Stopmaster II 15 x 7 Wedge Brakes)

PLAINTIFF'S EXHIBIT

MAC-71

PURPOSE To advise of improved parts for the self-adjusting mechanism.

RECOMMENDATION Install the new parts listed in bulletin when overhauling the brakes or if existing adjusters bottom out with a useable amount of lining left.

INFORMATION Early production of Stopmaster II brake assemblies had a limited travel adjusting bolt. These brakes reach their maximum adjustment before the lining is worn to the rivet heads. A new adjusting bolt is used in current production brake assemblies that permits additional lining wear. This bolt does not have the retainer ring to serve as a stop, thereby allowing full length of the bolt for adjustment. A new actuator is required with this bolt. See Figure 1 for details of this change.

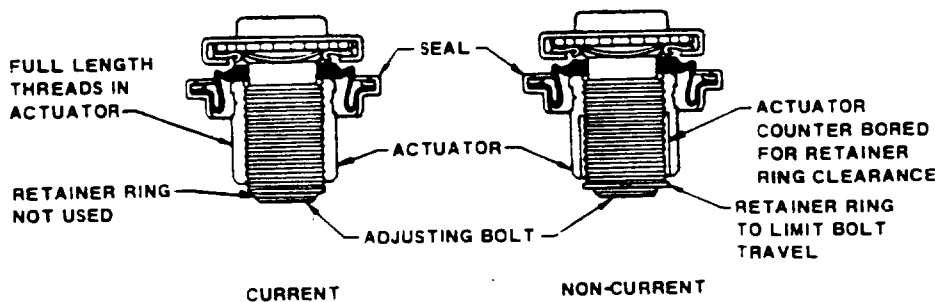


FIGURE 1
ADJUSTING BOLT AND ACTUATOR

Stopmaster II assemblies can be identified by the slotted adjusting pawl guide hole and keyed adjusting pawl as shown in Figure 2. Late production assemblies also have the designation 'STOPMASTER II' stamped on dust shield.

SERVICE NOTE

A special, longer adjusting bolt is available for service use to permit full lining wear with re-finished drums. This bolt is 0.100 inch longer than the standard bolt and is designed for use with drums having a diameter greater than 15.060 inches but less than 15.120 inches. It is intended for use with regular service thickness linings and can be identified by a large letter 'S' on bolt shaft.

(Continued Over)

CIRCULATION

Service Manager	
Shop Foreman	
Night Foreman	
Night Foreman	
Inspector Leadman	
Inspector Leadman	
Inspector Leadman	
Unit Over-haul Room	
Shop Office	

New Parts:

Component	Current Production	Service Part	Non-Current Production
Adjusting Bolt	8235-2297-L-3158	8235-2297-E-3307	8235-2297-D-2370
Actuator	8235-2297-N-3212	8235-A2297-N-3212	8235-2297-F-2372
Retainer Ring	- - - - -	- - - - -	8235-1779-Z-650

Interchangeability of these parts is affected. The new adjusting bolt cannot be used with the old actuator. However, the old adjusting bolt can be used with the new actuator if the retainer ring is discarded.

CAUTION

Because of the greater adjustment range provided by the new adjusting bolt and actuator, it is possible for the linings to wear down to the rivets, resulting in brake drum damage. For this reason, lining wear should be checked periodically after installation of these parts and new linings installed when required.

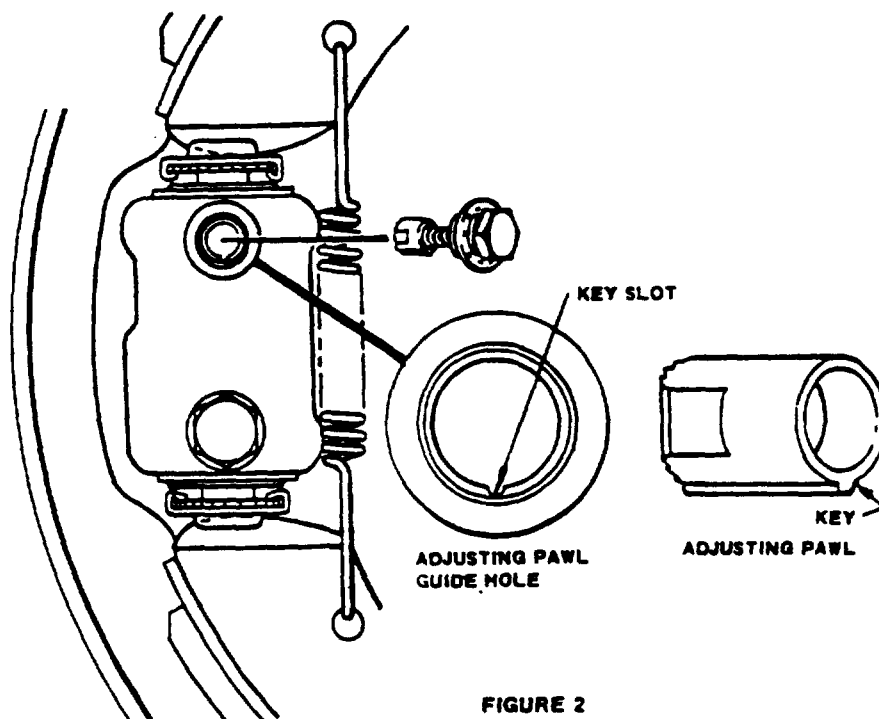


FIGURE 2