

MAINTENANCE INSTRUCTIONS

Brake Shoe Separator 3AT-1042

CAUTION

Do not lift or support the trailer on any part of the axle or suspension system. Never go under any trailer unless it is properly supported on jack stands which have been rated for the load. Improperly supported vehicles can fall unexpectedly and cause serious injury or death.

Read and understand all steps of these instructions before attempting any work.

Camshaft Removal and Installation

1. Remove all components necessary to access brake shoes, including the wheel, brake drum, etc.
2. Ensure that the Brake Shoe Separator is oriented with the release lever (A) upwards to allow proper function of the locking mechanism.
3. Engage the hooks at the ends of Brake Shoe Separator (B) against the edges of the brake shoe backing plates (C) between the brake shoe support plates (D) (Fig. 1). Push apart on the grips (E) until the lock (F) fully engages the locking notch (G) as shown in figure 2, release slowly and ensure the lock is securely engaged.
4. Adjust the position of the brake shoes as required to provide clearance between both brake shoe rollers (H) and the camshaft (I) (Fig. 2). Remove camshaft.
5. Replace camshaft bushings and seals as required. Install new camshaft.
6. To remove the Brake Shoe Separator, push apart on the grips (E) until the lock (F) has been removed from the locking notch (G), then press on the release lever (A) until the lock swings clear of the locking notch. Release slowly, keeping the release lever depressed so that the lock remains clear of the locking notch.

Figure 1

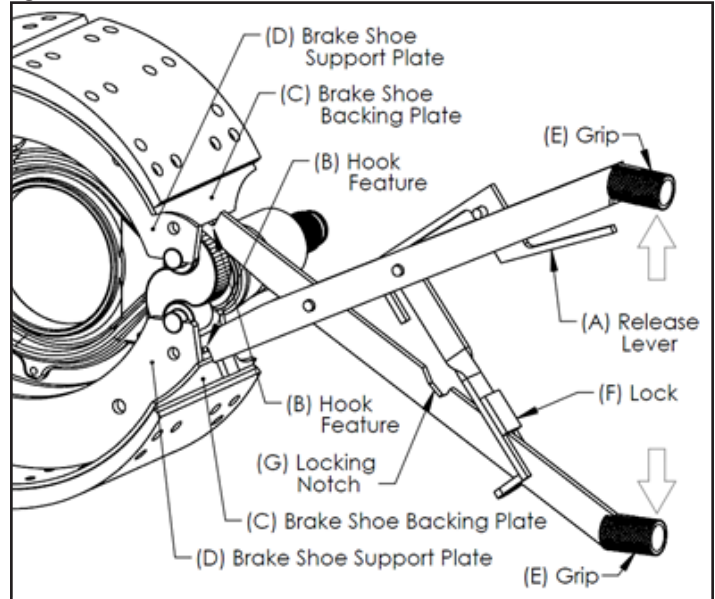


Figure 2

