

Service Bulletin

Drum Brake Axles

S-Cam Guide Plate Installation

May 2013

These instructions are to be used in conjunction with the SAF Service Manual for Drum Brake Axles XL-TA100060M-en-US Rev A available on the SAF-HOLLAND website at www.safholland.us. All safety procedures contained in the Service Manual MUST be read and understood before starting any work on the suspension/axle.

1. Remove the following by referencing the appropriate Section of the SAF Service Manual for Drum Brake Axles:
 - a. Wheels and brake drum, Section 6.
 - b. Brake shoes, Section 13.
 - c. Automatic slack adjuster, Section 15.
 - d. S-Cam, Section 17.
2. Remove and discard the outer round cam washer (**Figure 1**).
3. Install the new S-Cam guide plate. The S-Cam guide plate MUST be installed with the tabs bent toward the center of the vehicle and the wider space between the bent tabs toward the axle (**Figure 2**).
4. Install the S-camshaft according to instructions in Section 18 of the SAF Service Manual for Drum Brakes Axles.

Figure 1



Figure 2



5. Make sure that the newly installed S-Cam guide plate is properly orientated (**Figures 3**). DO NOT install the S-Cam guide plate with the tabs toward the S-Head (**Figure 4**) or with the narrow space toward the axle (**Figures 5**).
6. Install the following by referencing the appropriate Section of the SAF Service Manual for Drum Brake Axles:
 - a. Brake shoes, drums and wheels, Section 14.
 - b. Slack adjuster, Section 16.
7. Verify brake adjustment according to the procedures in Section 19 of the SAF Service Manual for Drum Brakes Axles.

Figure 3 - Correct Installation



Figure 4 - Incorrect Installation



Figure 5 - Incorrect Installation

