

INSTALLATION INSTRUCTIONS

Combination Bushing/Seal Installation Tool

The Dexter Combination Bushing / Seal Installation Tool is intended for use in installing camshaft pivot bushings and seals into drum brake mounting spiders.

CAUTION

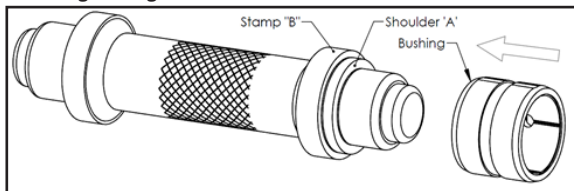
Do not lift or support the trailer on any part of the axle or suspension system. Never go under any trailer unless it is properly supported on jack stands which have been rated for the load. Improperly supported vehicles can fall unexpectedly and cause serious injury or death.

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

Bushing Installation

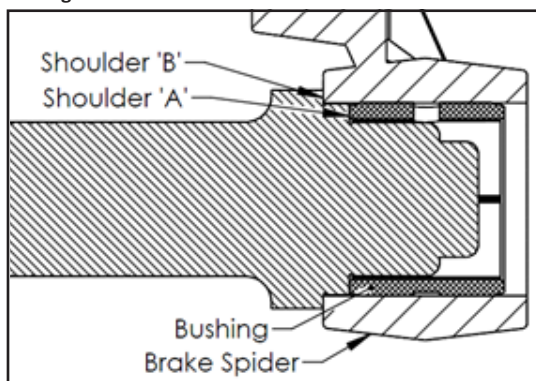
1. Ensure camshaft bore in brake spider is clean and free of debris.
2. Load bushing on the end of the tool marked "B" until it rests on shoulder 'A' (Fig. 1).

Figure 1 - Bushing Loading



3. Insert bushing into camshaft pivot boss on spider until tool shoulder 'B' makes contact with the face of the spider (Fig. 2), which will set the bushing at the correct depth. Light taps from a small hammer or dead-blow mallet may be used as required; do not apply excessive force as this may cause damage to the bushing, tool, and/or spider.

Figure 2 - Bushing Installation - Section View



4. Remove tool from bushing/spider.

Seal Installation

1. Ensure camshaft bore in brake spider is clean and free of debris, and that camshaft bushing has been installed.
2. Load seal on the end of the tool marked 'S' until it rests on shoulder 'C' (Fig. 3) with the open section of the seal facing away from the tool (Fig. 4).

Figure 3 - Seal Loading

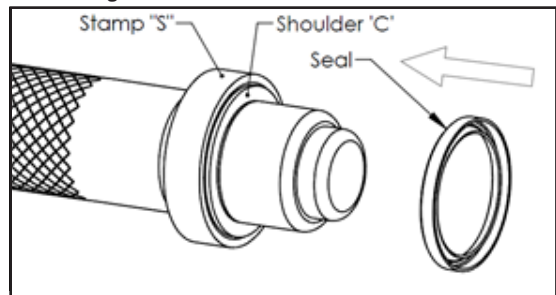
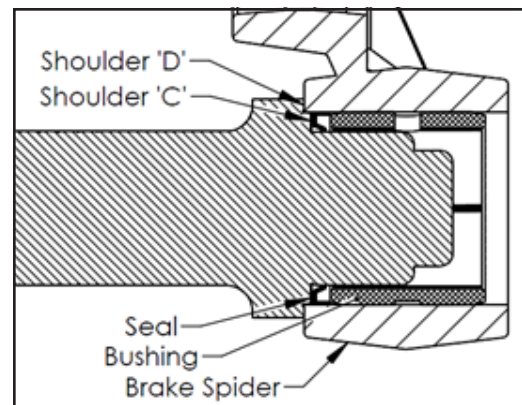


Figure 4 - Seal Installation - Section View



3. Insert seal into camshaft pivot boss on spider until tool shoulder 'D' makes contact with the face of the spider (Fig. 4), which will set the seal at the correct depth. Light taps from a small hammer or dead-blow mallet may be used as required; do not apply excessive force as this may cause damage to the seal, tool, and/or spider.
4. Remove tool from seal/spider.