

TECHNICAL PROCEDURE

T SERIES

SUBJECT: Bushing Replacement Procedures

LIT NO: L54

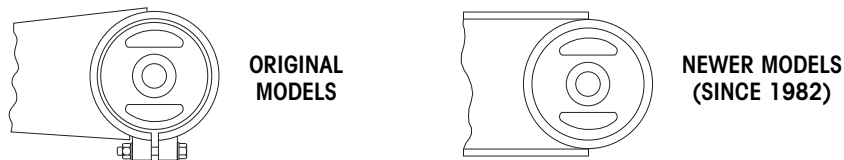
DATE: January 2008 **REVISION:** C

INTRODUCTION

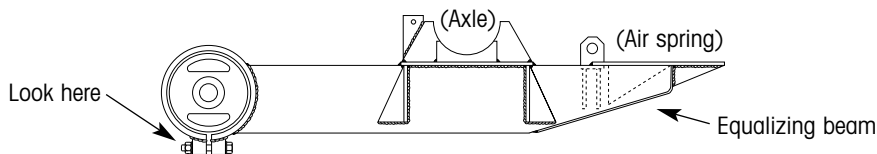
Your durable Hendrickson T Series suspension may never require bushing replacement. Many suspensions have provided over one-half million miles of service without requiring maintenance. Should bushing replacement be required, follow the procedure outlined below.

BUSHING KIT SELECTION

T Series suspensions have been manufactured with two different TRI-FUNCTIONAL® BUSHINGS. The original T Series models had a metal exterior sleeve bonded to the bushing. This bushing assembly is held into the split-ring beam end by two clamping bolts. Newer T Series models (those produced since 1982) have no exterior metal sleeve and the beam end is a solid ring.



To determine the type of kit required for your T Series suspension, look at the front of the equalizing beam:



NOTE: Illustration depicts an underslung suspension, but the identification process is the same for top mount suspensions.

If you see a split-ring with two clamping bolts, you will need bushing kit number A-3687 to replace a bushing assembly on this model. If you see a solid front ring, you will need bushing kit number A-6914 and publication L427 Bushing Replacement Procedures to replace a bushing assembly on this model. Refer to L427 for complete "newer model" bushing replacement details.

ONE A-3687 BUSHING KIT INCLUDES:

- | | |
|-------------------------------------|--|
| (1) TRI-FUNCTIONAL BUSHING | (2) $\frac{5}{8}$ × 3 $\frac{1}{2}$ -inch hex head bolts |
| (1) 1 $\frac{1}{8}$ -inch cap screw | (2) $\frac{5}{8}$ -inch lock nuts |
| (1) 1 $\frac{1}{8}$ -inch lock nut | (1) Delrin liner |

REMOVAL AND INSTALLATION

Original model T Series suspension bushing assemblies can be removed and re-installed using hand wrenches. When installing, be sure to properly orient the bushing voids. These voids must be oriented vertically when the beams are at the design height of the suspension.

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