



# Product Support Bulletin 2009-003

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## Maintenance of Way ~ Work Equipment Bulletin

**DATE:** December 7, 2009

**SUBJECT:** Up/Down Cylinder Bushing Added to Workhead Frames – 22133746

**RATING:**  **DIRECTIVE** (Action is required)  **ALERT** (Potential Problem)  
 **INFORMATION** (Action is optional)  **PRODUCT IMPROVEMENT** (Enhance Product)

**MACHINE MODEL(S):** CX Hammer  
C-CX Hammer Conversions

**SERIAL NUMBER(S):** 410500-410866  
410010RBUG-410424RBUG

**SUMMARY:** The 22133746 Workhead Frame Bushing is installed in the upper clevis pin hole for the Hammer Up/Down Cylinder to prevent the pin from wearing out the base material of Workhead Frame.

**OPERATIONAL IMPACT:** If the clevis pin hole is worn, the Spiking Gun may not come up to its full height. This could prevent the Lockup Pin from engaging or in extreme cases could prevent the feeding of spikes into the spike jaws.

**ACTION:** All machines with serial numbers 410867 and higher have the bushing installed. If bushing replacement is necessary, the bushing may be pressed out and a new bushing pressed into place. See Figure 1 on Page 2. The following replacement Workhead Frames are also affected by this change:

23700070 3" RH Outside Workhead Frame  
23700071 3" RH Inside Workhead Frame  
23700072 3" LH Outside Workhead Frame  
23700073 3" LH Inside Workhead Frame  
23700080 4" RH Outside Workhead Frame  
23700081 4" RH Inside Workhead Frame  
23700082 4" LH Outside Workhead Frame  
23700083 4" LH Inside Workhead Frame

Due to the fine tolerance involved in boring the bushing hole, field installation of the bushing into a worn Workhead Frame or one which does not have the correct bore size for the bushing is not recommended.



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WARRANTY: None

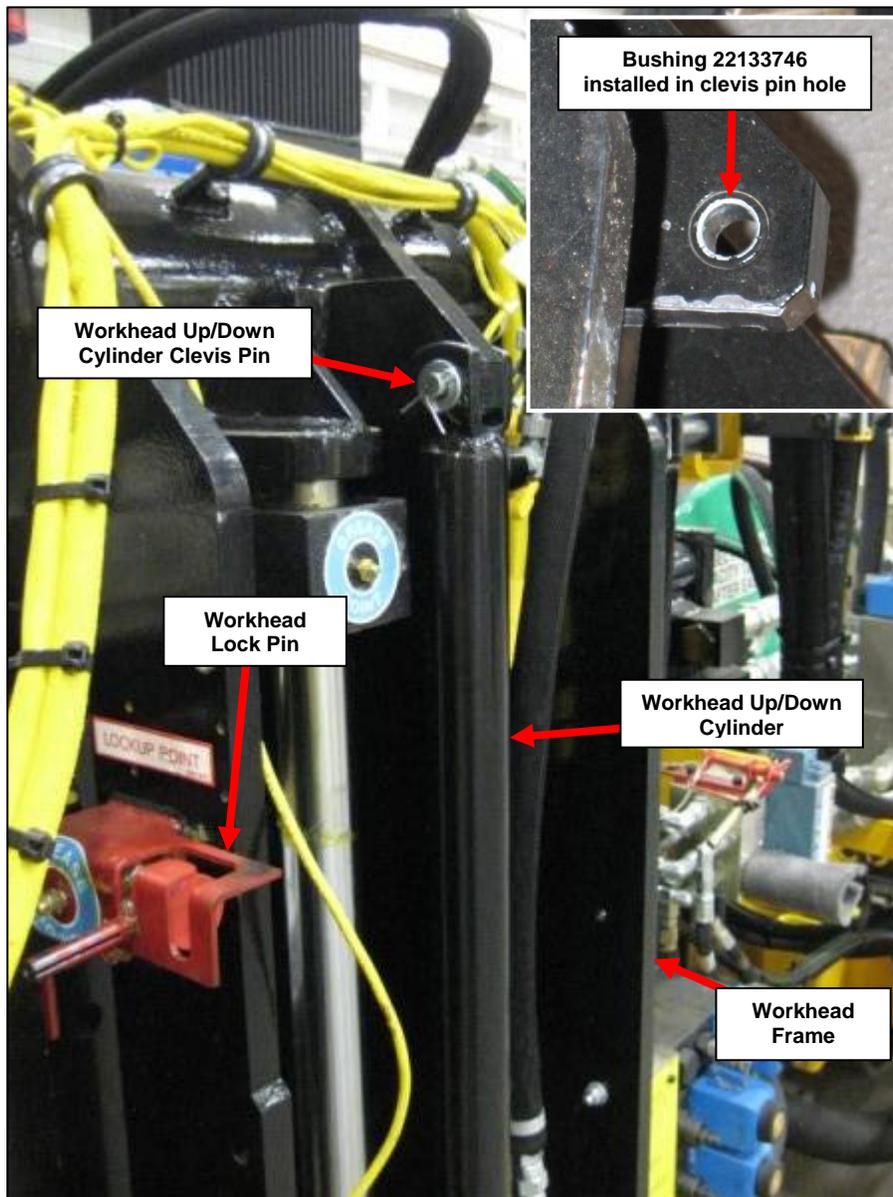


Figure 1