DATE: March 5, 2010

SUBJECT: 3" Axle Split Collar Spacer – 22553251
3-7/16" Axle Split Collar Spacer – 22553252

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

MACHINE MODEL(S):
CX Hammer
C-CX Hammer Conversion
CGS – Curve Gang Spiker
BAAM – Bulk Automatic Anchor Machine
Anchor Applicator
Anchor Remover
Grabber – Spike Puller
Grabber LS-2 Spike Puller
Grabber Conversion
SP2R – Dual Rail Spike Puller
Model C Spiker
99C Spiker
C-RB-UG
Hydra-Spiker (Model B only)
Hydra-Spiker Model 44
Hydra-Hammer
Hydra-Hammer Model B-2
M3
PSS Production Screw Spiker
Two-Tie Screw Spiker
Quad Drill
Screw Spiker
Super B Spiker
NETP – Nordco Epoxy Tie Plugger
RTP – Ride On Tie Plugger
NVCAR – V-Clip Applicator/Remover
NSCA – Spring Clip Applicator
Some machines with 3" and/or 3-7/16" diameter axles have experienced shifting of the axles within the axle pillow blocks. These 3/8" thick Split-Collar Spacers are designed to be installed on the axle between the bearing and the wheel to prevent axle shift. P/N 22553251 is for 3" diameter axles and P/N 22553252 is for 3-7/16" diameter axles. Two Split Collar Spacers are required per axle. These Split Collar Spacers are standard on all machines with 3" and 3-7/16" axles shipped since February, 2009.

If an axle shifts, the wheel may rub against the frame of the machine. The propel chain sprockets may also be out of alignment.

Make sure to follow all recommended Lock Out/Tag Out procedures before attempting any repairs.

Some axles may have a solid 3/8" spacer between the bearings and the wheels. These do not have to removed if there is less that 1/16" clearance between the shims/spacer and wheel or bearing. To install the Split Collar Spacers, the axle must first be returned to the normal position. The 4 bearing collar set screws must be loosened and if there are split collars on the axle between the bearings they should be removed. Then axle may be moved so there is equal space between the outer bearing collar and the wheel on each end.

The Split Collar Spacer is installed between the wheel and the outer bearing collar. See Figure 2 on Page 3. Some of the 1/16" shims installed on the axle may have to be removed to install the Split Collar Spacer. After the Split Collar Spacer is installed, there should be 1/16" or less of clearance between the shims/Split Collar Spacer and the wheel or bearing. Tighten the screws on the Split Collar Spacer and the bearing collar setscrews.
WARRANTY: None

**Figure 1**
22553251 (3") Split Collar Spacer
22553252 (3-7/16") Split Collar Spacer

**Figure 2**
Split Collar Spacer Assembled on Axle (typical both ends)