



Product Support Bulletin 2009-012

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Maintenance of Way ~ Work Equipment Bulletin

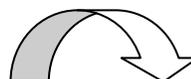
DATE: March 5, 2010

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

RATING:	<input type="checkbox"/> DIRECTIVE (Action is required)	<input type="checkbox"/> ALERT (Potential Problem)
	<input checked="" type="checkbox"/> INFORMATION (Action is optional)	<input type="checkbox"/> 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



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SERIAL

NUMBER(S):

CX Hammer: 410500-410882
C-CX Hammer Conversion: 410010RBUG-410424RBUG
BAAM – Bulk Automatic Anchor Machine: 690025-690060
Anchor Applicator: 680232-680329
Anchor Remover: 670001-670032
Grabber LS-2 Spike Puller: 330602-330673
Grabber Conversion: 330100RBUG, 330674RBUG
SP2R – Dual Rail Spike Puller: 310001-310159
Model C Spiker: 410010-410134
99C Spiker: 410200-410424
Hydra-Spiker (Model B only): 101-162
Hydra-Spiker Model 44: 440001-440006
Hydra-Hammer: 1001-1083
M3 Model C/D: 450200-450242
PSS Production Screw Spiker: 400100RBUG-400111RBUG
Two-Tie Screw Spiker: 400101, 400103
Quad Drill: 120300-120303
Screw Spiker: 450300-450305
Super B/Super B-2 Spiker: 398-713
NETP – Nordco Epoxy Tie Plugger: 510001-510035
RTP – Ride On Tie Plugger: 530001-530015, 530100-530123
NVCAR – V-Clip Applicator/Remover: 140300-140304
NSCA – Spring Clip Applicator: 290025-290031

SUMMARY:

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.

OPERATIONAL

IMPACT:

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

ACTION:

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 be removed if there is less than 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

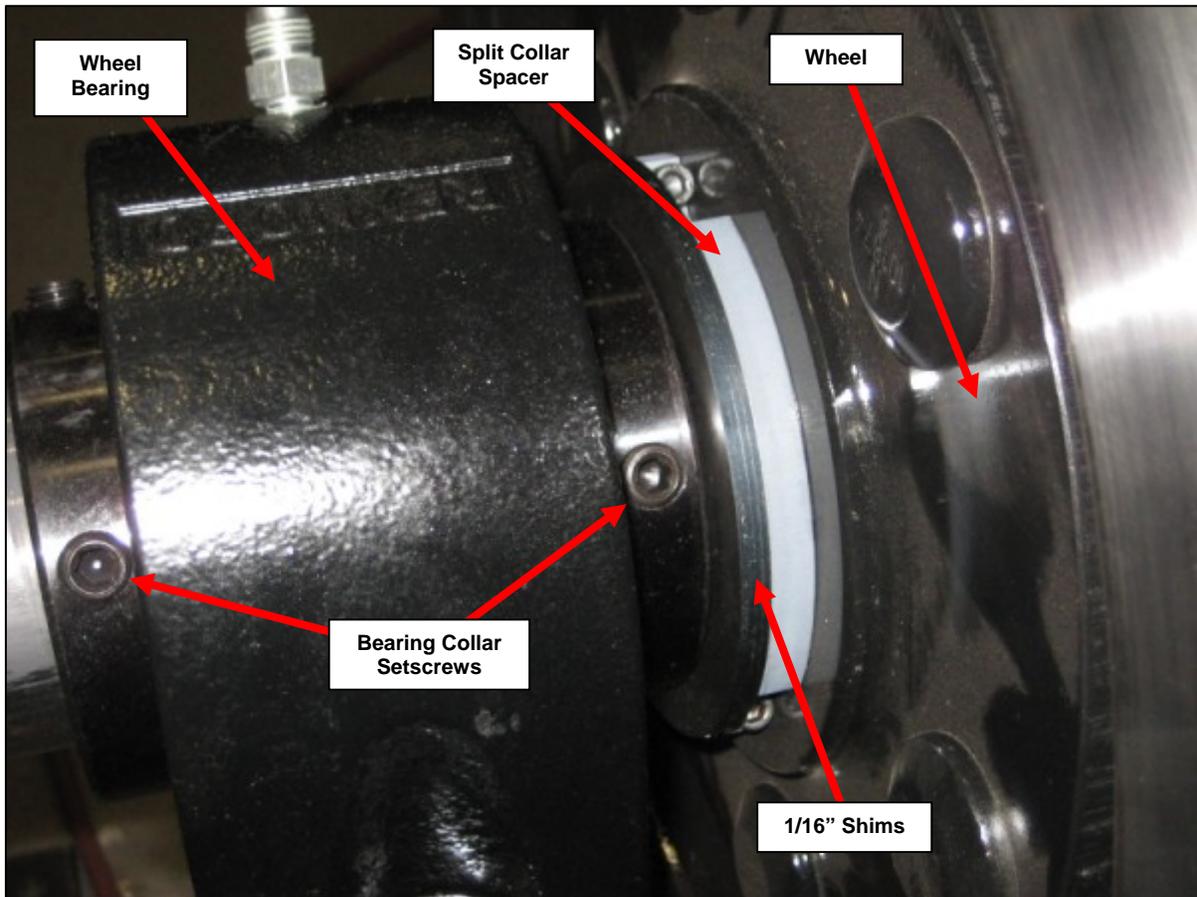


Figure 2

Split Collar Spacer Assembled on Axle (typical both ends)