



Product Support Bulletin 2006-003

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Maintenance of Way ~ Work Equipment Bulletin

DATE: December 4, 2006

SUBJECT: Manganese Bronze Guide Rod Bushing – 22034755
Stainless Steel Guide Rod – 65630100

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

MACHINE MODEL(S): Spiking machine Model C
Spiking Machine Model 99C
Spiking Machine Model SS-B
Spiking Machine Model SS-C
CX Hammer Model A
Model C/99C to CX Hammer Conversions Model RB-UG

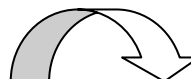
SERIAL NUMBER(S): Spiking Machine Model C: 410010 - 410134
Spiking Machine Model 99C: 410201 - 410408
Spiking Machine Model SS-B: 390200-390224
Spiking Machine Model SS-C: 390225 and above
CX Hammer Model A: 410501 and above
Model C/99C to CX Conversions Model RB-UG (S/N ends in RB-UG): All

SUMMARY: The AMPCO 18 Bronze Guide Rod Bushings, p/n 22115231, and the Chrome Steel Guide Rod Bushings, 22115232, are being replaced by **High-strength Manganese Bronze Guide Rod Bushings, p/n 22034755**. The 22034755 bushings can be identified by a chamfer on one end. See Figure 1 on Page 2.

Stainless Steel Guide Rods, p/n 65630100, are now available in addition to the standard Chrome-plated Guide Rods, p/n 14382490. See Figure 2. The stainless steel rods have a dull heat-treated finish when compared to the shiny surface of the chrome-plated rods. The stainless steel rods also have a dimple in each end. This dimple is not present on the chrome-plated guide rods. See Figure 3 on Page 2.

OPERATIONAL IMPACT: The manganese bronze material has a higher yield strength than the AMPCO 18 material and will wear much longer than the original bushings. It is softer than the chrome steel bushings and will prevent scoring of the Guide Rods.

The 65630100 stainless steel rods are tougher and will resist bending better than the original rods.



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ACTION:

All replacement part orders for the 22115231 AMPCO 18 Bronze Guide Rod Bushings or for the 22115232 Chrome Steel Guide Rod Bushings will be replaced with the **22034755 High-strength Manganese Bronze Guide Rod Bushings**.

WARRANTY:

None

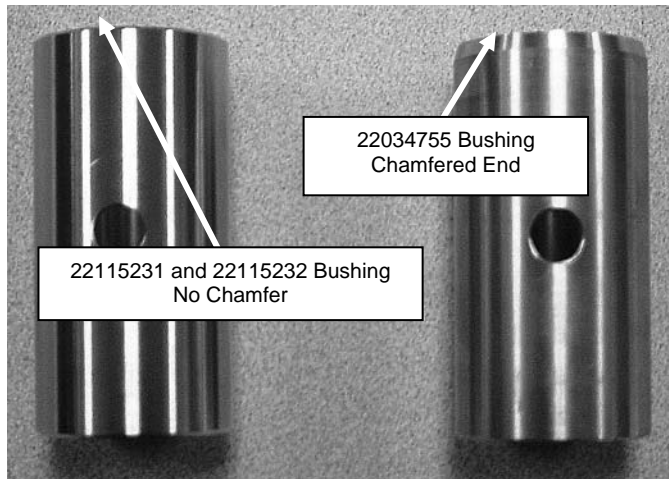


Figure 1

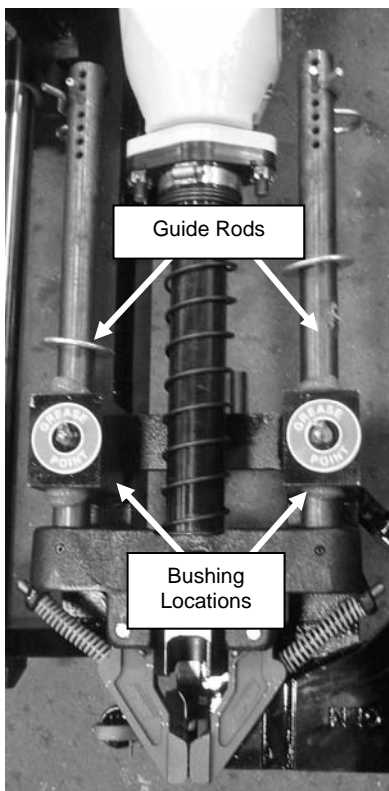


Figure 2



Figure 3