



# Product Support Bulletin 2010-006

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## Maintenance of Way ~ Work Equipment Bulletin

**DATE:** October 28, 2010

**SUBJECT:** Workhead Plates with Longer Guide Rod Bushings with Increased Wear Surfaces

**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  
SS Spiker – Small Spiker  
CGS – Curve Gang Spiker

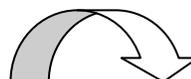
**SERIAL NUMBER(S):** All

**SUMMARY:** Nordco has designed Extended Workhead Plates that include longer guide rod bushings. This design increases the wear surfaces of the bushings, resulting in an improved life cycle of the bushings. These bushings CANNOT be used in the standard workhead plate.

Use of these extended plates will require the use of the longer Jaw Mounting Guide Rod (20" versus the standard 18"). The longer guide rod is available either chrome-plated or in stainless steel.

For a cross reference of standard versus extended parts, refer to chart on Page 2. Kits are not available at this time.

**OPERATIONAL IMPACT:** Installing the Workhead Plates with longer Guide Rod Bushings will increase the service life of the bushings because of the increased surface area of the bushings. This will help reduce the wear and keep the clearance between the Jaw Mounting Guide Rod and Guide Rod Bushing from increasing too quickly. Tighter clearances will help keep the Spike Jaws aligned with the Spike Tray Head and reduce the frequency of spike feed problems caused by worn Guide Rod Bushings.



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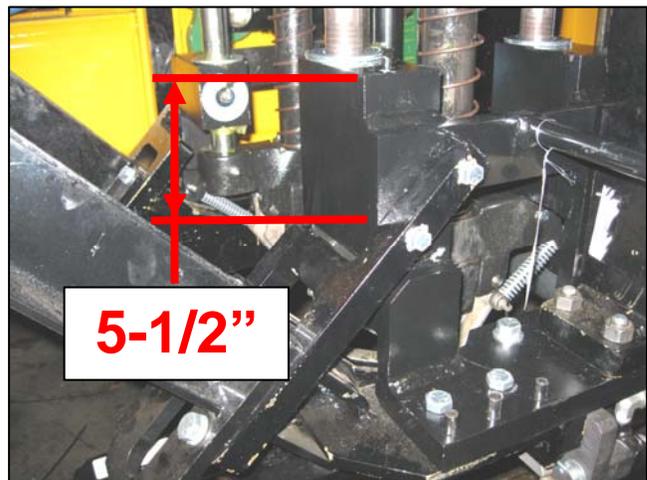
**ACTION:** As referenced above, the longer 22034760 Jaw Mounting Guide Rod Bushings **MUST** be used with the correct Workhead Plates. New Workhead Plates include Jaw Mounting Bushings already installed and the bushings do not have to be purchased separately when purchasing new Workhead Plates.

**NOTE:** When installing replacement Jaw Mounting Guide Rod Bushings, make sure that the bushings are installed with the tapered end of the bushing positioned toward the bottom of the Workhead Plate. Also make sure that the grease hole in the bushing is aligned with the grease fitting in the Workhead Plate. See Figure 3 on Page 3. If the bushings are installed incorrectly, the lubrication holes will be blocked and no grease will be applied to the Jaw Mounting Guide Rods.

The Workhead Plates with the 5-1/2" long Guide Rod Bushings are direct replacements for the standard Workhead Plates. The part numbers for the standard 3" Bushing Workhead Plates and the optional, extended 5-1/2" Bushing Workhead Plates are shown in the following table. Please contact the Nordco Parts Department at 800-647-1724 to order these parts or if you have any questions.

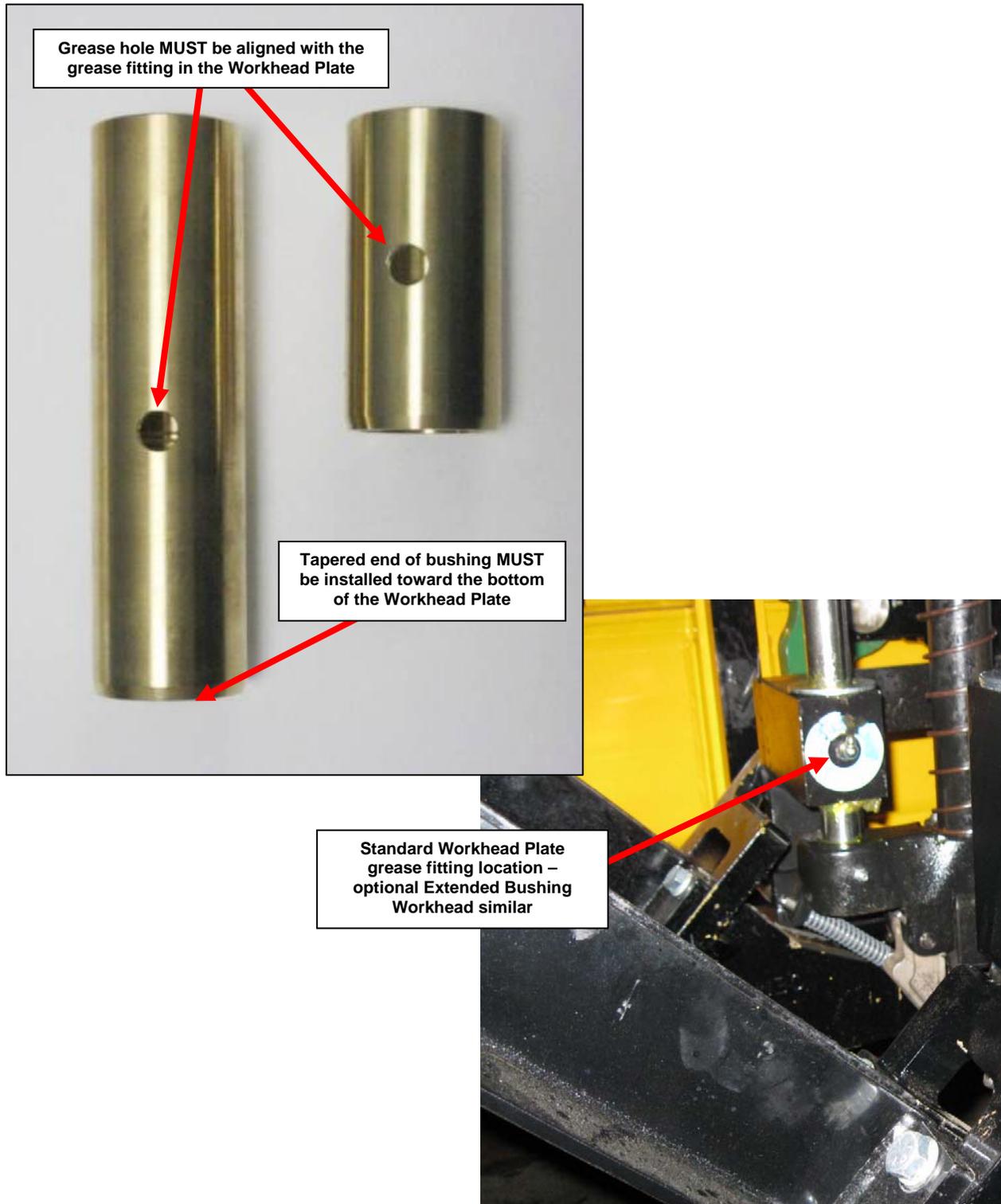
| Description                            | Standard Parts<br>(3" Bushing) | Optional Parts<br>(5-1/2" Bushing) |
|--|--------------------------------|------------------------------------|
| LH Outer Workhead Plate                | 56120180                       | 56120200                           |
| LH Inner Workhead Plate                | 56120181                       | 56120201                           |
| RH Outer Workhead Plate                | 56120178                       | 56120202                           |
| RH Inner Workhead Plate                | 56120179                       | 56120203                           |
| Chrome-Plated Jaw Mounting Guide Rod   | 14382490 (18" long)            | 65630102 (20" long)                |
| Stainless Steel Jaw Mounting Guide Rod | 65630100 (18" long)            | 65630101 (20" long)                |
| Jaw Mounting Guide Rod Bushing         | 22034755                       | 22034760                           |

**WARRANTY:** None



**Figure 1**

Standard 3" Bushing Workhead Plate (left) and optional 5-1/2" Bushing Workhead Plate (right).



**Figure 3**

Standard 3" long Jaw Mounting Guide Rod Bushing (right) and optional Extended Jaw Mounting Guide Rod Bushing (left). **When installing the bushings, make sure that tapered end of the bushing is toward the bottom of the Mounting Plate. Also make sure to align the grease hole in the bushing with the grease fitting in the Bottom Plate.**