

TOOL AND MACHINERY GUIDE



402-253-2772

WEBSITE: WCWRAIL.COM

Title: Pneumatic Cotter Pin Removal System

Prepared By: Wulf's Custom Welding

Document No: 0383

Date: December 16, 2014

SUBJECT: PNEUMATIC COTTER PIN REMOVAL SYSTEM

Capacity: 3/8" or 1/2" Cotter Pins.



FIGURE 1



FIGURE 2

TECHNICAL SPECIFICATIONS:

Available Through:

Wulf's Custom Welding
19102 So. 156th Street
Springfield, NE 68059
Tel: 402-253-2772
Fax: 402-253-9092
Website: wcwrail.com

Reference Part Number:

Complete System Consisting Of: 0383

- Snap-on Heavy Duty Pneumatic Air Hammer
- Snap-on Flat 3/4" Air Hammer Chisel
- Snap-on Tapered Air Hammer Chisel
- Cotter Pin Removal Tool Modified For Air Hammer Use

Snap-on Heavy Duty Pneumatic Air Hammer: 0360

Snap-on Flat 3/4" Air Hammer Chisel: 0360-1

Snap-on Tapered Air Hammer Chisel: 0360-2

Cotter Pin Removal Tool Modified For Air Hammer Use: 0382

Tool Weight: 3 Pounds

Base Construction Material: Cotter Pin Tool and Chisels are heat treated tool steel.

DESCRIPTION:

This system is designed to remove brake rigging cotter pins or other cotter pins using any conventional pneumatic hammer. The pneumatic hammer may also be used for any other chiseling or hammering requirements

PNEUMATIC COTTER PIN REMOVAL SYSTEM INSTRUCTIONS:

WARNING: Ensure Blue Flag protection is set in accordance with current operating rules before fouling any track or performing any type of repair work.

1. Inspect the pneumatic hammer and cotter pin removal tool prior to use. Remove any tool or hammer from service if they are damaged or not working properly (Figure 1). Periodically apply a few drops of air motor oil into the inlet line of the pneumatic hammer.
2. Insert the cotter pin tool into the pneumatic hammer using either a standard bee-hive spring connector, or the quick-release chuck. The cotter pin tool must be retained in the hammer before use (Figure 2).
3. If the air hammer is equipped with multiple power settings, make sure it is on the highest setting for cotter pin removal.
4. If the cotter pin has a self-spreader mechanism, remove the spreader before attempting cotter pin removal.
5. Place the tail of the cotter pin removal tool into the cotter pin to be removed. The tail should be seated in the pin as far as possible (Figure 3).



FIGURE 3

6. Apply forward pressure to the pneumatic hammer while pulling the trigger. Apply only enough pressure to accomplish cotter pin removal. Use caution not to lose your balance when the cotter pin finishes extraction.

SAFETY PRECAUTIONS:

WARNINGS: Noncompliance could cause injury to employees.

CAUTIONS: Noncompliance could cause damage to equipment

NOTES: Pertinent information

1. **WARNING:** Wear personal protective equipment in accordance with current Safety and General rules as required when removing cotter pins or using the pneumatic hammer for general repairs.
2. **WARNING:** Make sure the cotter pin or other tool is securely attached in either the bee-hive spring of the quick-release chuck.
3. **CAUTION:** Apply approved air motor lubricating oil in the inlet line of the pneumatic hammer periodically to increase tool life.
4. **NOTE:** Make sure the pneumatic hammer is on the highest power setting for cotter pin removal.

TOOL AND MACHINERY GUIDE



402-253-2772

WEBSITE: WCWRAIL.COM

Title: Pneumatic Cotter Pin Removal System

Prepared By: Wulf's Custom Welding

Document No: 0383

Date: December 16, 2014

SUBJECT: PNEUMATIC COTTER PIN REMOVAL SYSTEM

Capacity: 3/8" or 1/2" Cotter Pins.



FIGURE 1



FIGURE 2

TECHNICAL SPECIFICATIONS:

Available Through:

Wulf's Custom Welding
19102 So. 156th Street
Springfield, NE 68059
Tel: 402-253-2772
Fax: 402-253-9092
Website: wcwrail.com

Reference Part Number:

Complete System Consisting Of: 0383

- Snap-on Heavy Duty Pneumatic Air Hammer
- Snap-on Flat 3/4" Air Hammer Chisel
- Snap-on Tapered Air Hammer Chisel
- Cotter Pin Removal Tool Modified For Air Hammer Use

Snap-on Heavy Duty Pneumatic Air Hammer: 0360

Snap-on Flat 3/4" Air Hammer Chisel: 0360-1

Snap-on Tapered Air Hammer Chisel: 0360-2

Cotter Pin Removal Tool Modified For Air Hammer Use: 0382

Tool Weight: 3 Pounds

Base Construction Material: Cotter Pin Tool and Chisels are heat treated tool steel.

DESCRIPTION:

This system is designed to remove brake rigging cotter pins or other cotter pins using any conventional pneumatic hammer. The pneumatic hammer may also be used for any other chiseling or hammering requirements

PNEUMATIC COTTER PIN REMOVAL SYSTEM INSTRUCTIONS:

WARNING: Ensure Blue Flag protection is set in accordance with current operating rules before fouling any track or performing any type of repair work.

1. Inspect the pneumatic hammer and cotter pin removal tool prior to use. Remove any tool or hammer from service if they are damaged or not working properly (Figure 1). Periodically apply a few drops of air motor oil into the inlet line of the pneumatic hammer.
2. Insert the cotter pin tool into the pneumatic hammer using either a standard bee-hive spring connector, or the quick-release chuck. The cotter pin tool must be retained in the hammer before use (Figure 2).
3. If the air hammer is equipped with multiple power settings, make sure it is on the highest setting for cotter pin removal.
4. If the cotter pin has a self-spreader mechanism, remove the spreader before attempting cotter pin removal.
5. Place the tail of the cotter pin removal tool into the cotter pin to be removed. The tail should be seated in the pin as far as possible (Figure 3).



FIGURE 3

6. Apply forward pressure to the pneumatic hammer while pulling the trigger. Apply only enough pressure to accomplish cotter pin removal. Use caution not to lose your balance when the cotter pin finishes extraction.

SAFETY PRECAUTIONS:

WARNINGS: Noncompliance could cause injury to employees.

CAUTIONS: Noncompliance could cause damage to equipment

NOTES: Pertinent information

1. **WARNING:** Wear personal protective equipment in accordance with current Safety and General rules as required when removing cotter pins or using the pneumatic hammer for general repairs.
2. **WARNING:** Make sure the cotter pin or other tool is securely attached in either the bee-hive spring of the quick-release chuck.
3. **CAUTION:** Apply approved air motor lubricating oil in the inlet line of the pneumatic hammer periodically to increase tool life.
4. **NOTE:** Make sure the pneumatic hammer is on the highest power setting for cotter pin removal.