

# TOOL AND MACHINERY GUIDE



402-253-2772

WEBSITE: WCWRAIL.COM

Title: Brake Beam Support Fixture

Prepared By: Wulf's Custom Welding

Document No: 0454

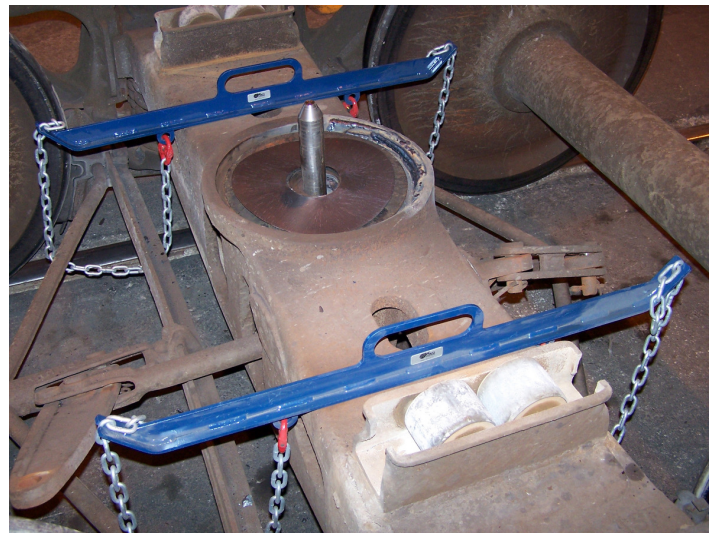
Date: October 15, 2012

## SUBJECT: Brake Beam Support Fixture

Capacity: The rated capacity of this fixture is 300 pounds.



**FIGURE 1**



**FIGURE 2**

## TECHNICAL SPECIFICATIONS:

Available Through:

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

Reference Part Number: 0454

Tool Weight: Pounds

Base Construction Material: Steel With Grade 80 Chain & Connectors

## DESCRIPTION:

**This fixture is designed to support freight car brake beams during truck repairs. Two fixtures are required to keep the beams in place. The fixture has no other intended uses.**

## **BRAKE BEAM SUPPORT FIXTURE 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 fixtures prior to use. Look for bending or broken welds. Make sure the chains and connecting links are secure. Two fixtures are required for beam securement.
2. Place the fixtures over the top of the bolster at either side of the center bowl (Figure 2).
3. Wrap one of the chains around the brake beam and place it into the slot provided at the end of the fixture (Figure 1).
4. Wrap the three remaining chains around the brake beams in the same manner.
5. Perform truck repairs or wheelset replacements as necessary.
6. Remove all four of the fixture chains from the brake beams and place the fixtures back into their normal place of storage.

## **ERGONOMIC/SAFETY ADVANTAGES:**

- Provides an effective method of retaining brake beams during freight car truck repair or wheelset replacement.
- The built-in chain retainer provides a fast, simple method of chain retention.
- Built-in handles provide a simple method for fixture transport and installation.

## **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 performing truck repairs or wheelset replacement.
2. WARNING: This fixture is designed to support brake beams during truck repair or wheelset replacement. It has no other intended purpose, and must not be used for any other lifting application.