

## **SUBJECT: RIDE CONTROL FRICTION SHOE RETENTION PIN**

Capacity: These pins do not require a load rating.



**FIGURE 1**

### **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: wcowrail.com  
Reference Part Number: MLW-0137

Fixture Weight: Two Pounds

Base Construction Material: Hardened Tool Steel.

### **DESCRIPTION:**

**These pins are used to retain bolster friction shoes after they have been compressed into the bolster. They are manufactured from hardened tool steel to resist gouging and nicking of the pin surface.**

### **INSTRUCTIONS FOR USE:**

#### **RIDE CONTROL FRICTION SHOE RETAINMENT PIN INSERTION:**

WARNING: Ensure car(s) is/are properly secured with hand brakes and/or chocks before attempting to perform valve testing.

WARNING: Ensure Blue Flag protection is set in accordance with GSR 1300 before fouling any track or performing any type of repair work.

1. Inspect the pins for defects prior to use. There should not be any deep nicks or grooves that would inhibit pin removal (Figure 1).



**FIGURE 2**

2. Compress the friction shoes using an approved on or off truck friction shoe compression fixture.
3. When the shoes have reached the compressed position, insert the pins into the access hole in the front of the bolster. Make sure the pins are fully seated in the shoe and bolster (Figure 2).
4. Complete the necessary bolster or side frame repairs or replacements.
5. When repairs are completed, use the approved on or off truck friction shoe compression fixture to compress the friction shoes for spring removal.
6. When the spring has reached the compressed position, remove the pins and place them back into their normal place of storage (Figure 2).
7. Remove all blue flag protection, chocks, and release the hand brake if the freight car is ready to return to service.

**ERGONOMIC/SAFETY ADVANTAGES:**

- The hardened pins will not develop nicks or gouges that make pin removal difficult.
- The T-Handle design provides a firm gripping surface for removal 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 Safety and General Conduct Rule 1040 as required.
2. WARNING: Keep hands and fingers away from the bolster, friction shoes, and shoe compression fixtures to avoid potential pinch points.
3. CAUTION: These pins are designed to retain ride control friction shoes. They must not be used for any other purpose.