

## **DRAFT GEAR AND YOKE LIFTING FIXTURE**

Capacity: This lifter has a rated capacity of 550 lbs.



**FIGURE 1**



**FIGURE 2**



**FIGURE 3**

### **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: 0247

Fixture Weight: 17 Pounds

Base Construction Material: Steel With Grade 80 Lifting Components

### **DESCRIPTION:**

**This lifter is designed to lift and transport various Freight Car Draft Gears or E and F style yokes. It will lift Draft Gears stored in either the horizontal or vertical position. It has no other intended uses.**

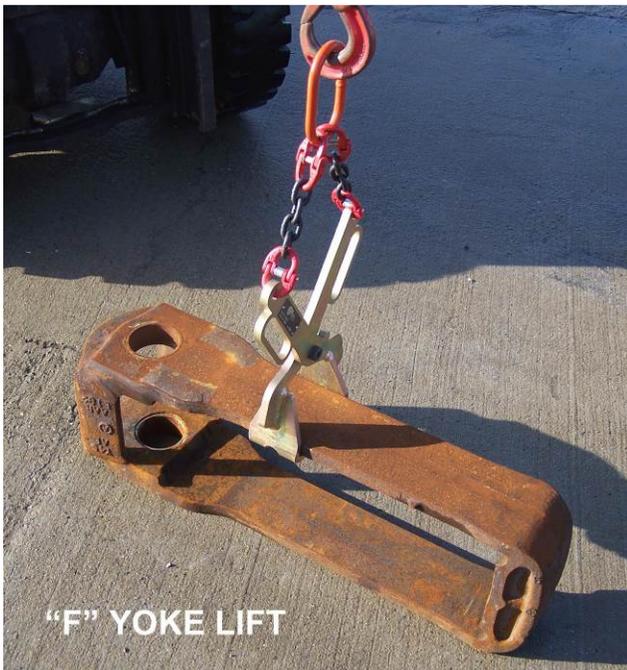
### **INSTRUCTIONS FOR USE:**

#### **DRAFT GEAR LIFTING FIXTURE:**

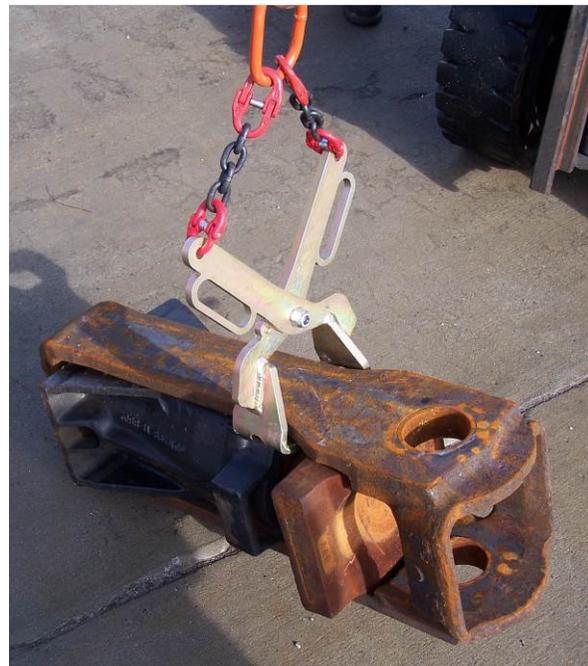
**WARNING:** Ensure freight car(s) is/are properly secured with hand brakes and/or chocks before attempting to perform draft gear assembly replacement.

**WARNING:** Ensure Blue Flag protection is set in accordance with current operating rule GSR1300 before fouling any track or performing any type of repair work.

1. Inspect the lifter for defects. Make sure the Pivot Bolt is secure. Check all the chain and connecting links for integrity. Make sure the upper links are properly lined up to prevent twisting during lifting. Always use the provided handles to open or close the lifting fixture (Figure 1).
2. Figure 2 depicts the lifting configuration for a typical square body draft gear. Figure 3 depicts the lifting configuration for a typical round body gear. Figure 4 depicts the lifting configuration for an E or F style yoke. Figure 5 depicts the lifting configuration for a complete draft gear assembly with a round body style draft gear. The lifting fixture will not lift a complete draft gear assembly equipped with a square body style draft gear.



**FIGURE 4**



**FIGURE 5**

3. Attach the lifter to any crane or forklift equipped with a lifting hook attachment.
4. Grip the handles on both legs of the main lifting assembly and pull the legs outward far enough to fit over the draft gear or yoke to be lifted (Figure 1). Refer to Figures 2 through 5 for depiction of the proper draft gear or yoke attachment points.
5. Lift the component far enough to suspend it a short distance off the ground and move it to the required location.
6. When the component is in the required position, lower it and remove the lifter using the handles on the legs and hook (Figure 3).
7. Inspect the lifter for defects, and place it back into its normal place of storage.
8. Remove all blue flag protection, chocks, and release the hand brake if the freight car is ready to return to service.

**ERGONOMIC/SAFETY ADVANTAGES:**

- Provides a secure method of handling and transporting draft gears and yokes.
- Hand grips keep operator's hand away from potential pinch points.
- The fixture is marked with the capacity and all other information as required for lifting fixtures.

## **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 rule 1040 as required.
2. WARNING: Always keep all parts of your body out from under and suspended equipment or load.
3. WARNING: Avoid pinch points. Never place your hand or fingers between the lifter and the draft gear components. Use the provided handles to apply or release the lifting fixture. Do not place your hands or fingers on the lifting chain assemblies.
4. CAUTION: This lifter is designed to transport certain types of draft gears and draft gear yokes. It may be used to lift a complete assembly equipped with a round body style gear. It must never be used for any other lifting applications.
5. CAUTION: Do not use the lifting fixture on a complete assembly equipped with a square style draft gear.