

TOOL AND MACHINERY GUIDE



402-253-2772

WEBSITE: WCWRAIL.COM

Title: Top Shelf Coupler Lifter

Prepared By: Wulf's Custom Welding

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SUBJECT: TOP SHELF COUPLER LIFTER

Capacity: This fixture has a rated capacity of 700 pounds.

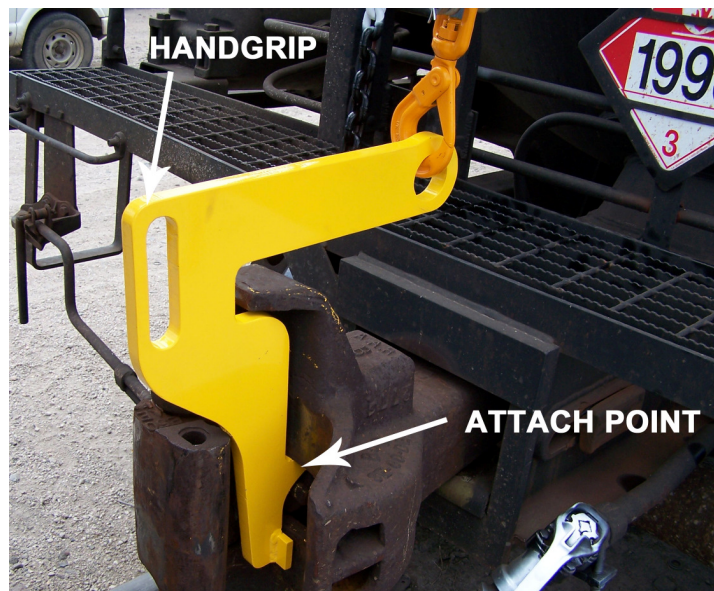


FIGURE 1

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: 0182

Fixture Weight: 41 Pounds

Base Construction Material: Grade 50 Steel

DESCRIPTION:

This fixture is designed to lift and transport Top Shelf Type Couplers. It may also be used to lift and transport other standard shank length E or F type couplers without a top shelf.

INSTRUCTIONS FOR USE:

TOP SHELF COUPLER LIFTER

WARNING: Ensure freight car(s) is/are properly secured with hand brakes and/or chocks before attempting to perform any component repairs.

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 lifting fixture for defects. Look for any bending or deformation. Remove the fixture from service if any defects are found (Figure 1).



FIGURE 2

2. Remove the coupler cross-key or connection pin.
3. Use any crane, hoist, or forklift equipped with an approved hook type lifting device with this fixture. Use the built-in handle to maneuver the lifting fixture into place (Figure 1).
4. Insert the lifting fixture into the casting hole in front of the coupler face. Make sure the fixture attachment point is fully seated in the coupler. The coupler knuckle may be either removed or installed for fixture use (Figure 2).
5. Lift the coupler slightly and remove it from the draft gear (Figure 2).
6. Move the coupler to the desired location for disposal and lower it to the ground. Use the built-in handle to maneuver the coupler and fixture into the desired position.
7. Place the lifting fixture on the new coupler, and install it in the draft arm.
8. Remove the fixture from the forklift and place it into its proper place of storage.

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 all current Safety rules and requirements.
2. WARNING: Keep all parts of your body out from under any suspended load.
3. WARNING: Do not exceed the rated capacity of the lifting fixture. Never use the fixture for any purpose other than lifting couplers.