

SUBJECT: TWO-WHEEL COUPLER KNUCKLE CART

Capacity: Use the Two-Wheel Knuckle Cart with the Two-Person Knuckle Carrier for coupler knuckle removal and installation.

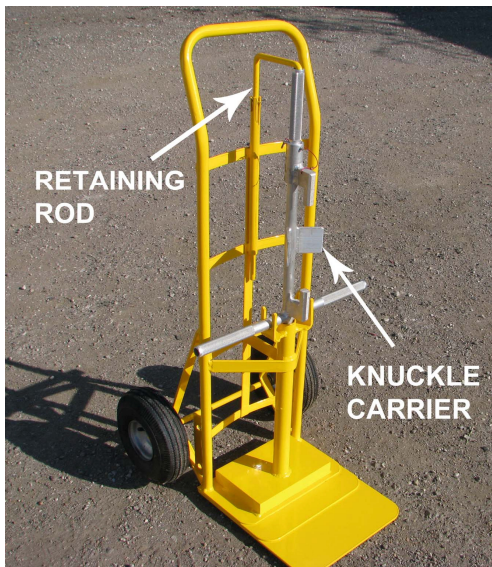


FIGURE 1

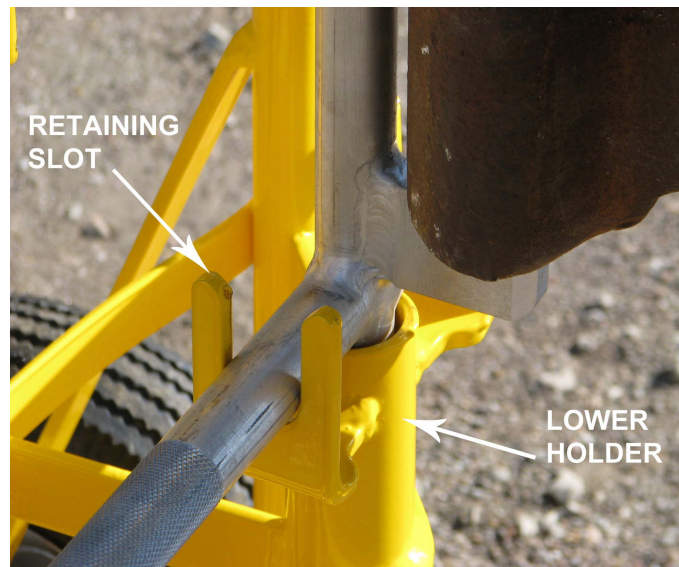


FIGURE 2

TECHNICAL SPECIFICATIONS:

Available Through:

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

Two Wheel Coupler Knuckle Cart - Reference Part Number: 0259

Two-Person Coupler Knuckle Transport - Reference Part Number: 0287

Fixture Weight: 48 Pounds

Construction Material: Steel

DESCRIPTION:

This cart is designed to transport coupler knuckles using the CSX approved Offset Two-Person Knuckle Carrier (Stock Control Number 450.0022500.1) for replacement and installation. It has no other intended uses, and must not be used to transport any other materials.

INSTRUCTIONS FOR USE:

TWO WHEEL COUPLER KNUCKLE CART:

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

1. Inspect the Knuckle Cart for defects prior to use. Make sure the Knuckle Carrier is in place in the holder. Check the Knuckle Carrier retaining rod for proper operation. The cart tires must be inflated to the proper pressure (Figure 1).
2. Inspect the Knuckle Carrier for defects. Check for broken welds or bent tubing. The handle retainer pin must be in place and working properly (Figure 1).
3. Move the cart to the freight car or locomotive requiring knuckle replacement. Lift the carrier retaining rod and rotate it 90 degrees left or right. Lower the retaining rod down into one of the two storage retaining slot positions (Figure 1).
4. Remove the Two-Person Knuckle Carrier and place the knuckle on the carrier in accordance with previous TAM Guide instructions number 0287. Remember that the use of the knuckle carrier is a two-person task (Figure 3).
5. Carry the knuckle and carrier to the cart, and place the carrier into the lower holder. Make sure the carrier handle is aligned with and seated in the lower holder retaining slots (Figure 2 & 3).
6. Lift the retainer rod and rotate it 90 degrees. Lower the retaining rod until it is fully seated in the Knuckle Carrier tube (Figure 3).
7. Move the old knuckle to the desired location. Lift the retaining rod out of the Knuckle Carrier, turn it 90 degrees, and lower it into one of the retaining slots.



FIGURE 3

8. Remove the old knuckle and Knuckle Carrier from the cart and place the new knuckle on the tool in accordance with previously issued instructions in TAM Guide 0287.
9. Place the Knuckle Carrier back into the cart and secure the retaining rod in the Knuckle Carrier handle (Figure 3).
10. Move the new knuckle to the coupler and install it using the Knuckle Carrier.
11. Place the Knuckle Carrier back into the storage tube and secure it with the retaining rod so it will be ready for the next application (Figure 3).
12. Remove all blue flag protection, chocks, and release the hand brake if the freight car is ready to return to service.

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 Operating Rules as required.
2. WARNING: Keep hands and fingers away from pinch point when removing or installing coupler knuckles.
3. CAUTION: Never use the Two-Person Knuckle Carrier or transport hand cart for any purpose other than the installation, transport, and installation of coupler knuckles.