

# TOOL AND MACHINERY GUIDE

**Title: ALUMINUM LOCOMOTIVE WORK PLATFORM**

**Issued By: Wulf's Custom Welding**

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## **SUBJECT: ALUMINUM LOCOMOTIVE WORK PLATFORM**

Capacity: 800 Pounds Or Two People.



**FIGURE 1**



**FIGURE 2**



**FIGURE 3**

## **TECHNICAL SPECIFICATIONS:**

Available Through:

Wulf's Custom Welding  
19102 So. 156<sup>th</sup> Street  
Omaha, NE 68059  
Tel: 402-253-2772  
Fax: 402-253-9092  
Website: wcwrail.com  
Reference Part Number: 0541

Platform Weight: 90 Pounds

Base Construction Material: Alloy Aluminum

## **DESCRIPTION:**

**This platform is placed on the locomotive handrail and running board to access the locomotive car body to perform component repairs as necessary.**

## **INSTRUCTIONS FOR USE:**

## **ALUMINUM LOCOMOTIVE WORK PLATFORM:**

**WARNING:** Ensure Blue Flag and personnel protection is applied in accordance with all current rules before fouling any track or performing any type of repair work.

1. Inspect the platform for defects prior to use. The handrail chains must be in place and functioning properly. Both of the handrail quick-release pins must be installed (Figure 2 & 4).
2. Inspect the handrail in the area where the platform is to be installed. The handrail must not be bent or cracked. Do not install the work platform if defects are found on the locomotive handrail.
3. Move the work platform into position where it is to be placed on the locomotive. The extendable platform should be in the stored position during transport. The platform weighs 90 pounds, so it will be necessary to transport and install it using a two person lift.



**FIGURE 4**



**FIGURE 5**

4. The platform may also be transported and installed with an overhead crane or hoist using the handrail chains. Both chains must be used for transport, and they must be securely fastened in place. Use the lifting Rings located in the center of the handrail chains for lifting (Figure 4). Use caution transporting the platform to ensure it does not get caught on any objects while moving.
5. Lower the platform onto the locomotive running board and handrails (Figure 1) and install both handrail quick-release pins (Figure 2). Do not enter the platform until both handrail quick-release pins have been installed or tipping could occur.
6. Remove the safety chain and enter the platform (Figure 4). Re-connect the chain after entry.
7. If the extension is required, release the two extension locking pins (Figure 3), and lift the extension upward from its storage position. Lower the extension onto the platform hinges, and allow it to rotate forward. The platform will automatically lock into position after it is rotated (Figure 5).
8. Place the extension back into its stored position before removing and transporting the platform and engage the extension locking pins.
9. To remove the platform from the locomotive, remove the safety chain and exit the platform. Re-connect the chain if the platform is going to be moved with an overhead crane or hoist (Figure 4).
10. Remove both of the handrail quick-release pins. Lift the platform straight up and remove it from the locomotive.
11. Place the platform back into its normal place of storage.

12. After repairs are completed, remove all blue flag and personnel protection if the locomotive is ready to return to service.

### **SAFETY PRECAUTIONS:**

WARNINGS: Noncompliance could cause injury to employees.

CAUTIONS: Noncompliance could cause damage to equipment.

1. WARNING: Wear personal protective equipment in accordance with all Safety and General rules as required.
2. WARNING: Inspect the locomotive handrail for defects prior to installing the platform.
3. WARNING: Never place any portion of your body directly under the platform during handling if it is being transported with an overhead crane or hoist.
4. CAUTION: Make sure the platform is clear of obstructions while moving with an overhead crane. Catching the platform on any object during transport could cause severe damage.
5. WARNING: Both of the handrail quick-release pins must be installed before entering the platform. Failure to secure both pins could result in the platform tipping during entry.
6. WARNING: Both of the handrail safety chains must be installed after entering the platform to prevent the operator from inadvertently stepping off the platform during use.
7. CAUTION: Remove and store the platform extension prior to removing the platform from the locomotive.
8. CAUTION: Remove both of the handrail quick release pins before attempting to lift the platform off the locomotive. Attempting to move the platform with the pins engaged could cause severe damage.