

Mixer Lower Ladder Platform Weld Inspection

Date: 06-09-15
Bulletin Name: MXR-TSB-024
Model: Mixer
Affected Units: Bridgemaster V Mixer and Standard Mixer

Purpose:

McNeilus Truck and Manufacturing requires the inspection of mixer lower ladder platform welds on Bridgemaster V Mixers and Standard Mixers. A vendor manufactured lower ladder platform may not have been manufactured with all the necessary welds. The amount of weld currently on the platform is enough to be structurally sound. However, if the welds are not present, McNeilus requires the ladder platform be replaced because of the possibility of corrosion on an unwelded platform. There is no affect to driving capabilities of the Mixer vehicle.

Notice:

- This bulletin should be read and understood in its entirety before performing this procedure.
- All procedures outlined in the bulletin must be performed by skilled service personnel. Refer to the product service manual for descriptions of maintenance procedures.

SAFETY NOTICE

Before entering the Mixer drum or performing any maintenance to the Mixer, read and follow OSHA Regulations concerning entry and working in “CONFINED SPACE” OSHA 1910.146 and “LOCKOUT/TAGOUT” OSHA 1910.147.

Follow OSHA Regulations while performing any work to the Mixer.

Follow all safety instructions in your McNeilus Mixer Manual.

Shut off truck engine, lock cab doors, and keep keys in your pocket before entering drum, or performing any work to the Mixer.

Place magnetic “DANGER” signs on both cab doors. Failure to do so can result in serious personal injury or death.

If you have any questions regarding this notice or require further assistance, call McNeilus at 888-686-7278.

Tools and Equipment Required (Customer to supply own):

- Wrench
- Torque wrench

Parts Required (provided by McNeilus):

Item	Part Number	Description	Qty.
1	1109058	LOWER LADDER PLATFORM	1
2	1164981	SCR, FLG, HEX .50- 13X1.75 G8 ZY	2
3	1164982	SCR, FLG, HEX .50-13X2.25 G8 ZY	2
4	0120201	NUT, FLG, LKDT .50-13 GG CW	4
5	1164986	SCR, FLG, HEX .50-13X4.00 G8 ZY	2
6	0120254	NUT, JAM, .50-13 GA ZC	2

Procedure for Inspection of the Lower Ladder Platform Welds:

1. Place unit on a flat surface, block truck tires, and observe all conditions of the Safety Notice concerning Lockout/Tagout posted in the Notice section of this bulletin.
2. Locate the areas of the possibly missing welds (see Figure 1 for the location of the ladder platform. See Figure 2 for location of missing welds on the lower ladder platform).
 - If the welds are missing, order a new lower ladder platform by calling McNeilus Parts at 888-686-7278. Once you receive a new platform, follow the Procedure for Lower Ladder Platform Installation in this bulletin for installation instructions.
 - If the welds are in place, this bulletin is complete. Remove the conditions of Lockout/Tagout and return the vehicle to service.

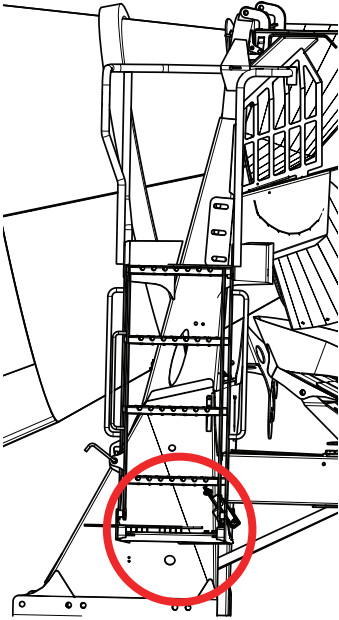


Figure 1: Locate the lower ladder platform.



Figure 2: Locations of missing welds.

Procedure for Lower Ladder Platform Installation:

This procedure will require the use of two people.

The existing lower ladder platform must be removed and discarded.

- The platform is secured to the upper ladder by (2) bolts and (2) nuts, to the lower ladder by (2) bolts and (2) nuts, and to the rear platform by (2) bolts and (2) nuts.
1. Place unit on a flat surface, block truck tires, and observe all conditions of the Safety Notice concerning Lockout/Tagout posted in the Notice section of this bulletin.
 2. Lower the fold-down ladder. While the second person is holding up the platform and holding onto the fold-down ladder, the first person should remove and discard the front (4) bolts and (4) nuts from the platform on the **ladder side** (see Figure 3 which shows removal from one side only).

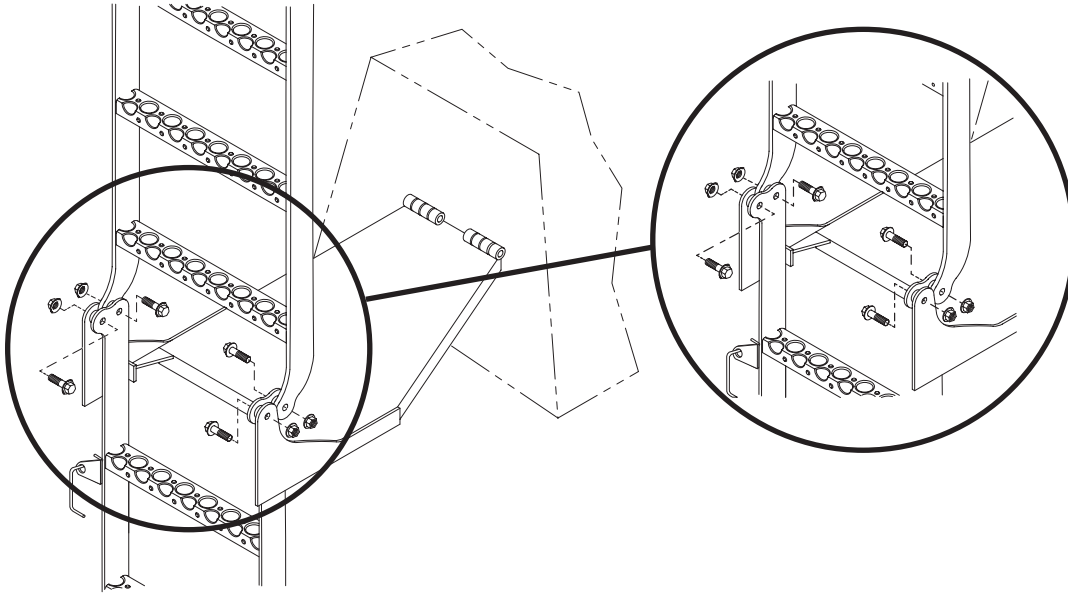


Figure 3: Remove and discard the (4) bolts and (4) nuts from the ladder side of the platform.

3. The fold-down ladder is now free from the lower ladder platform and the platform is not connected to the upper ladder. Set the ladder aside.

4. Remove and discard the bolts and nuts from the platform on the rear pedestal end (see Figure 4).

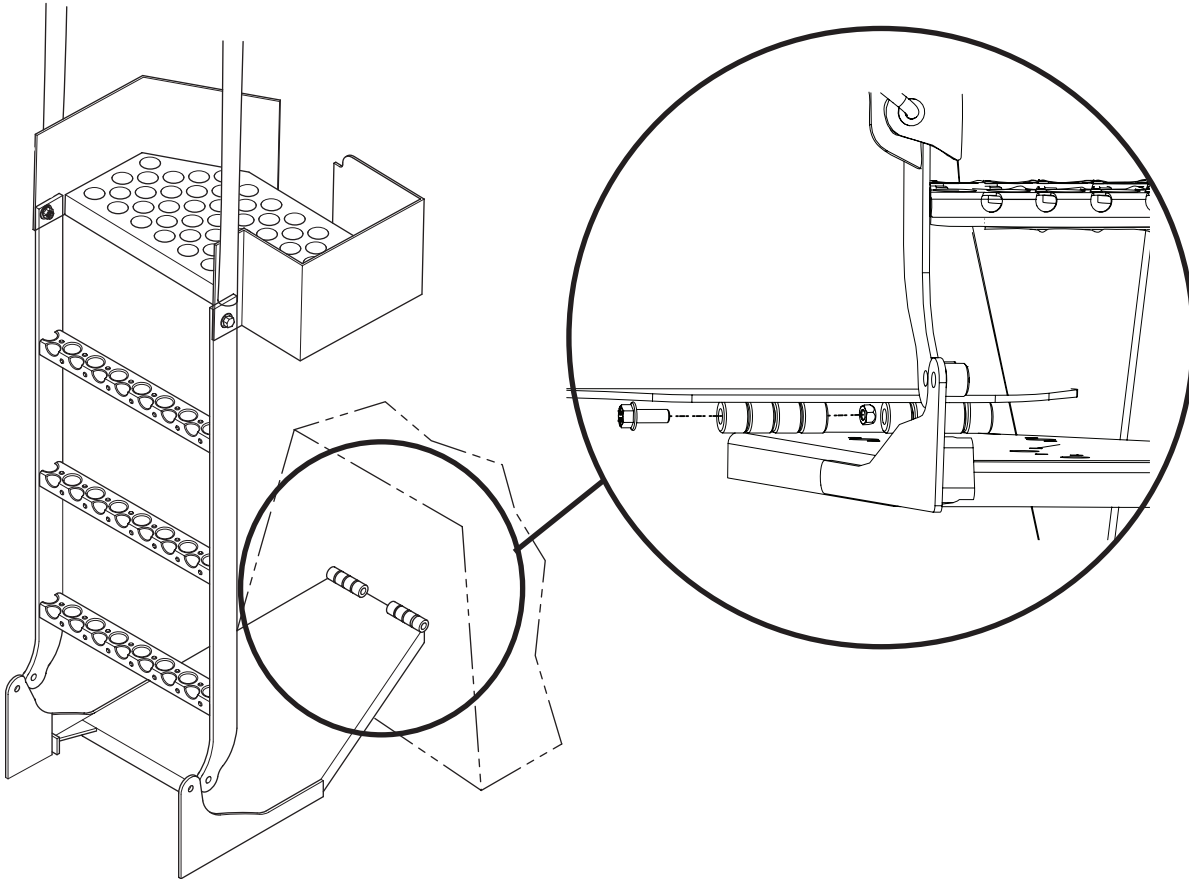


Figure 4: Remove and discard the (2) bolts and (2) nuts from the rear pedestal side of the platform. Only one side shown here.

5. Remove and discard the existing lower ladder platform. (See the warranty reimbursement section of this bulletin and step 12 for specific instructions before discarding the existing platform.)
6. Install the new lower ladder platform (P/N 1109058) by first having the second person hold it in place.
7. Install the new (2) bolts and (2) nuts to secure the platform to the rear pedestal (see Figure 5 - only one side shown for illustrative purposes).

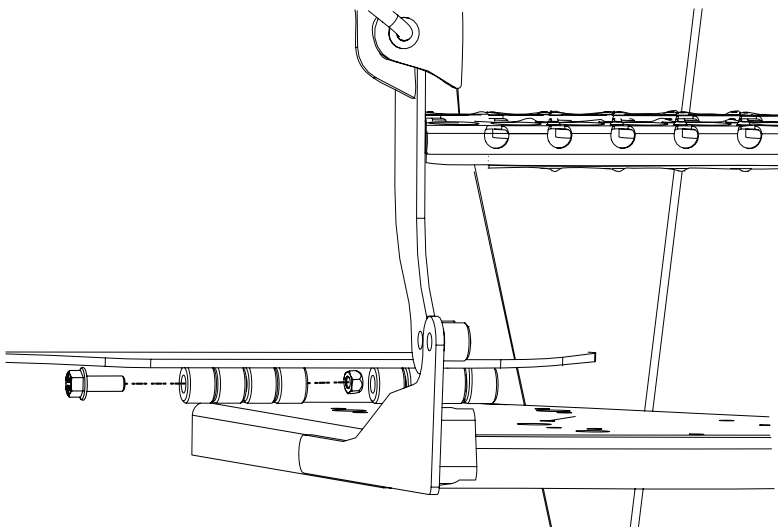


Figure 5: Install the (2) bolts and (2) nuts to secure the new platform to the rear pedestal side. Only one side shown.

8. Line up the fold-down ladder to the lower ladder platform and upper ladder as shown in Figure 6. The second person should hold both the fold-down ladder and the new platform for steps 9 and 10.
9. Install the new (4) bolts and (4) nuts to secure the platform to the ladder (see Figure 6).

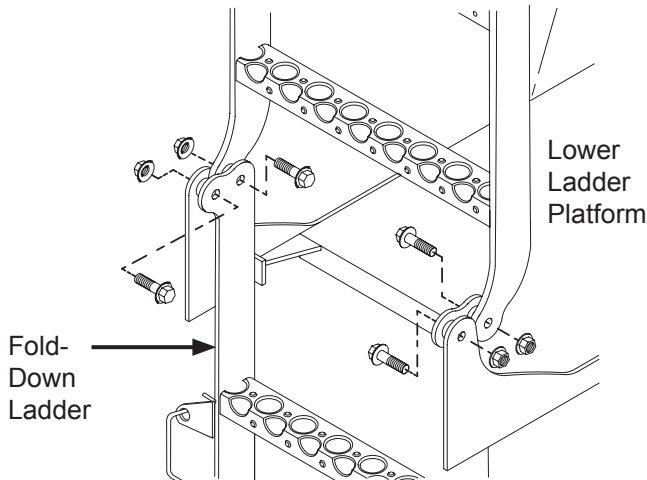


Figure 6: Install the new (4) bolts and (4) nuts to secure the platform to the ladder side.

10. Use a torque wrench to torque the bolts to 80 ft-lbs.
11. Installation of the lower ladder platform is complete. Remove the conditions of Lockout/Tagout and return vehicle to service.
12. Follow the normal warranty claim process, which includes providing McNeilus Warranty photo evidence that the original lower ladder platform **did not** have the proper welds.

Contact McNeilus® For Warranty:

McNeilus should be contacted to submit a warranty claim.

- **Parts Reimbursement** - Parts necessary for this update need to be ordered from McNeilus Parts. Claims are to be submitted through the warranty claim system. Claims must be received within 30 days of the repair. Claim must include the McNeilus serial number of the Mixer, the customer asset number, and the number of this bulletin.
- **Labor Reimbursement** - Claims are to be submitted through the warranty claim system. Claims must be received within 30 days of the repair. Claim must include the McNeilus serial number of the Mixer, the customer asset number, and the number of this bulletin.

Labor Reimbursement: 2 Hours

Deadline:

If required, this service update should be performed at the earliest opportunity. The following terms must be met to qualify for reimbursement cost.

- For reimbursement, a warranty claim form with proof of installation must be submitted by: **December 9, 2015**

Continuous Improvement:

The change included in this bulletin is part of the McNeilus® Continuous Improvement Process.

McNeilus® Company's quality policy is Providing Customer Satisfaction through Innovative Products, Dedicated Service, and a constant focus on Continuous Improvement.

"The Customer is our Boss!"



(888) 686-7278

www.streetsmartparts.com

MXR-TSB-024 VIN List

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