

**Bridgemaster Axle Bolt Torque
Inspection****Date:** February 22, 2022**Bulletin Name:** MXR-TSB-029**Model:** Bridgemaster V model 93**Model Year:** 2020-2021**Units Affected:** Units with standard bolts
(not Huck Bolts)**Purpose:**

Inspection and possible rework required on certain bolts on the Bridgemaster® V axle regarding torquing specifications.

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

Perform your company's Lockout/Tagout procedure. If your company does not have a Lockout/Tagout procedure, follow OSHA 1910.147 and 1910.146 Confined Space as appropriate.

SAFETY NOTICE

Use appropriate Personal Protective Equipment (PPE) as required by your company.

Tools and Equipment Required:

Customer to supply:

- Torque wrenches (capability up to 500 ft.-lbs.)
- Set of wrenches

Parts Required if replacement hardware is needed (order from McNeilus):

Item	Part Number	Description	Qty.
1	1136941	SCR, CAP, HEX .75-10X6.50 G8 ZY	8
2	1251763	SCR, CAP, HEX .88-14X2.50 G9 ZY	8
3	0120282	WASHER, FLT .75X1.44X.12 ZY HDN	16
4	0120283	WASHER, FLT .88X1.75X.12 ZY HDN	16
5	0120182	NUT, HEX, LKDT .75-10 GC ZC	8
6	0100549	NUT, HEX, LKDT .88-14 GC CW	8

Procedure:

1. Place the mixer on flat, level ground. Lower the Bridgmaster axle to the ground and make sure that the Bridgmaster pressure is at the lowest setting.
2. Perform your company's Lockout/Tagout procedure. If your company does not have a Lockout/Tagout procedure, follow OSHA 1910.147 and 1910.146 Confined Space as appropriate.
3. Remove both tandem axle fenders by
 - a. Removing and retaining the sets of hardware in Figure 1. There are four pieces of hardware per set (bolt, washers, nut), and 15 sets total per fender. **NOTE:** Be aware of any rubber cushions between the fender "skin" and the mounting bracket that may have come loose or stuck to the skin. Do not lose any cushions; reinstall them if they have come loose.
 - b. Using two people, remove each fender and set each aside.

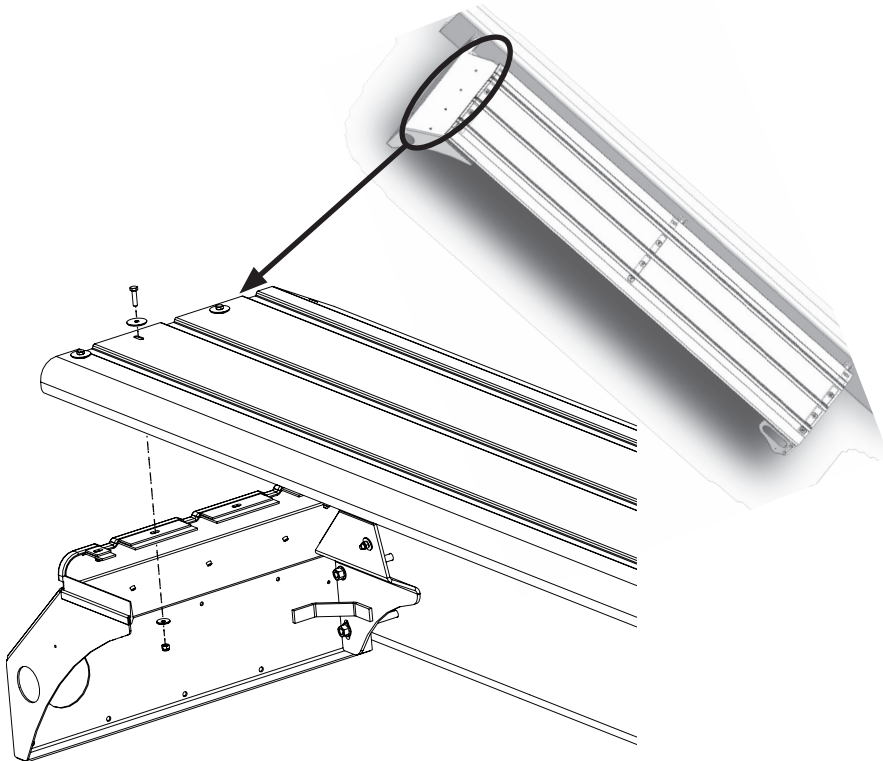


Figure 1

4. Use the torque wrench to check the torque of **each hardware** as called out in Figure 2 and Figure 3.
 - If the torque specification is accurate for **each** hardware, then the inspection is complete and the truck can be returned to service.
 - If **any** hardware was not torqued to the specification, then that hardware must be replaced.

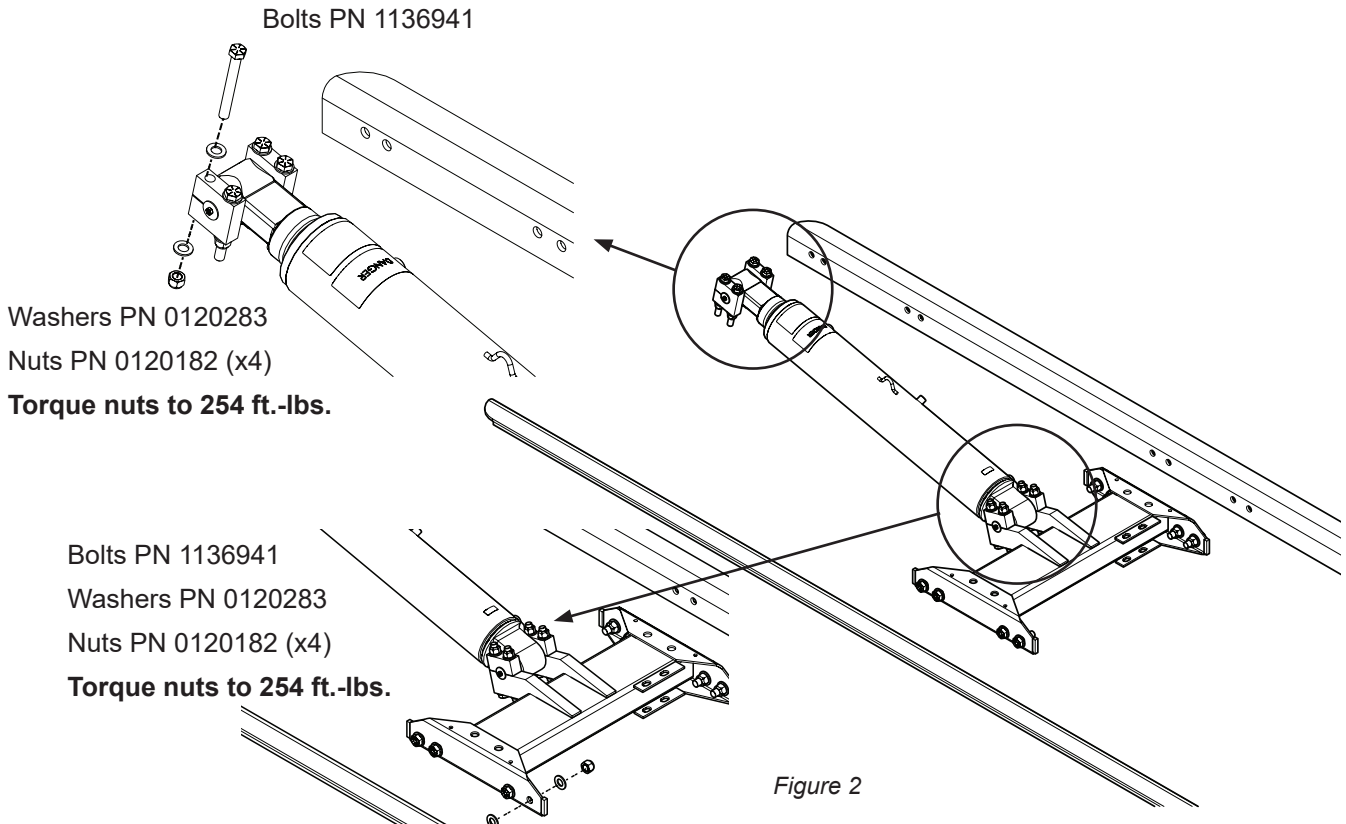
Call McNeilus at 888-686-7278 or go to www.streetsmartparts.com to order the necessary hardware.
 - **NOTE:** If the mixer truck has Huck fasteners, then no inspection on those fasteners is needed.

Installation

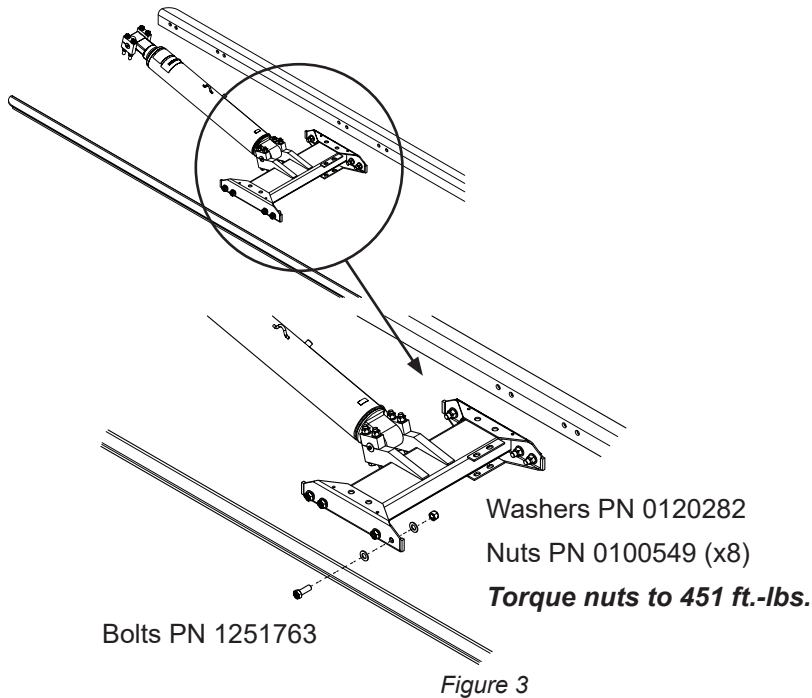
For any hardware that did not meet the torque specification during inspection and needs to be replaced, follow these steps:

1. Remove and discard the existing hardware.
2. Install the new hardware.

- Use the torque wrench to torque to the proper specifications (as shown in Figures 2 and 3). Make sure to torque the hardware from the nut side.



NOTE: Make sure to check the torque of each set of hardware called out (four sets on each end of the cylinder).



NOTE: If the Bridgemaster truck has Huck fasteners, then there is no need to inspect these for the cross member.

NOTE: Make sure to check the torque of each set of hardware called out in Figure 3 (eight sets total).

5. Reinstall the tandem axle fenders by
 - Reinstalling the fender skins (use two people to move them into place).
 - Reinstalling the sets of hardware as shown in Figure 1.
 - Torque the hardware to 13 ft.-lbs.
6. Rework is complete. Remove your company's Lockout/Tagout procedure. If your company does not have a Lockout/Tagout procedure, follow OSHA 1910.147 and 1910.146 Confined Space as appropriate. Return truck to service.

Labor Reimbursement:

In order to receive credit if you qualify, claims must be submitted through the normal McNeilus Warranty claim system*. Claims must be received within 30 days of the repair. Claims must include the McNeilus serial number of the truck, the customer asset number, and the number of this bulletin. NOTE: One claim per truck.

Labor Reimbursement: Inspection reimbursement is for 2 hours

Rework reimbursement (if required) is for 4 hours

Labor Reimbursement Rate: \$50/hr.

Parts Reimbursement:

Parts and ground shipping will be reimbursed to the customer. Parts necessary for this repair must be ordered from McNeilus Parts at 888-686-7278.

Claims must be submitted through the normal McNeilus Warranty claim system. Claims must be received within 30 days of the repair. Claims must include the McNeilus serial number of the truck, the customer asset number, and this bulletin's number. NOTE: One claim per truck.

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: **February 22, 2023**



(888) 686-7278

www.streetsmartparts.com