Technical Service Information Bulletin

Operator Presence Water Ball Valve Hardware

Date: August 15, 2018
Bulletin Name: MXR-TSIB-030
Models: Bridgemaster Mixer and Standard Mixer
Model Years: 01/01/2017 to 10/13/2017
Affected Units: Mixers with optional operator presence water ball valve

Purpose:

McNeilus Truck and Manufacturing requires the inspection of the one inch operator presence water ball valve handle on Bridgemaster Mixers and Standard Mixers. An adjusting nut and a jam nut should be present. If neither nut is present or if only one nut is present and is loose, there can be insufficient spring tension on the operator presence handle. This can lead to the valve opening and water being added to the drum without the driver knowing. Removal of the valve handle is required to check if the two nuts are present.

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 own):

- Wrench
- Torque wrench

Parts Required (Order from McNeilus):

Item	Part Number	Description	Qty.
1	1245279	NUT, HEX, M5-0.8 G5 ZC	1

Procedure for Inspection of the Operator Presence Water Ball Valve:

1. Place vehicle 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 operator presence water ball valve on the vehicle. See Figure 1.

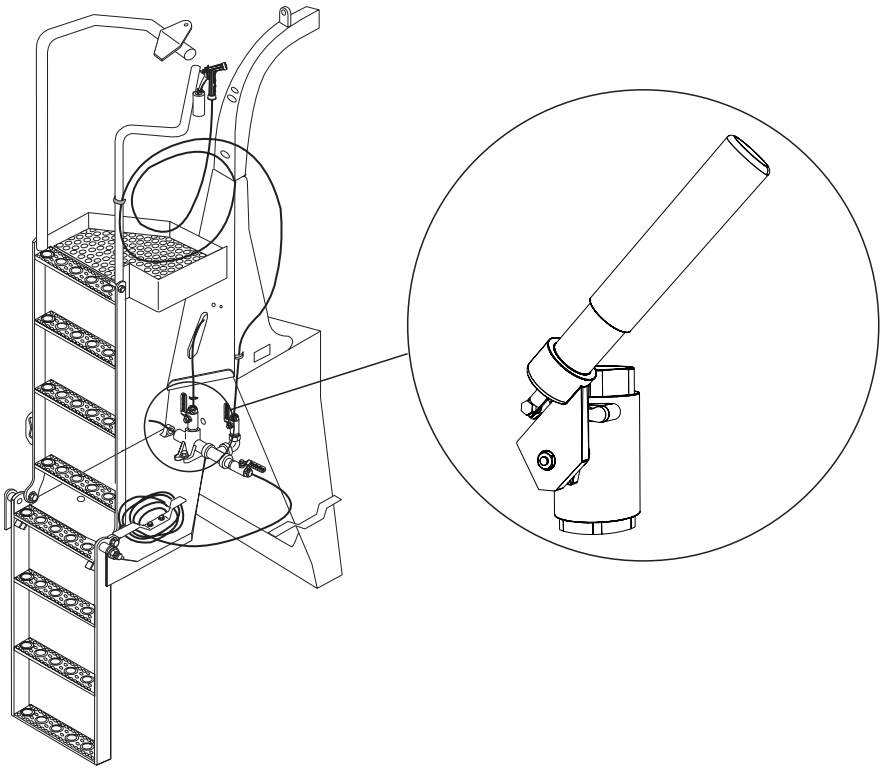

Figure 1: Operator Presence Water Ball Valve Location.

3. Remove the handle from the ball valve assembly. Turn the handle counter-clockwise to unscrew the handle from the valve assembly. See Figure 2 (valve assembly shown removed from Mixer for illustrative purposes only).

Figure 2: Handle Removed from Ball Valve Assembly..

4. Check there are two nuts securing the spring to the handle rod. See Figure 3. If there are two nuts, check that the jam nut is torqued to 4.5 ft.-lbs. (6 N•m), then continue to Step 6. If there is only one nut, continue at Step 5.
5. Install an additional nut (P/N 1245279) onto the rod and use a torque wrench to torque the jam nut to 4.5 ft.-lbs. (6 N•m).

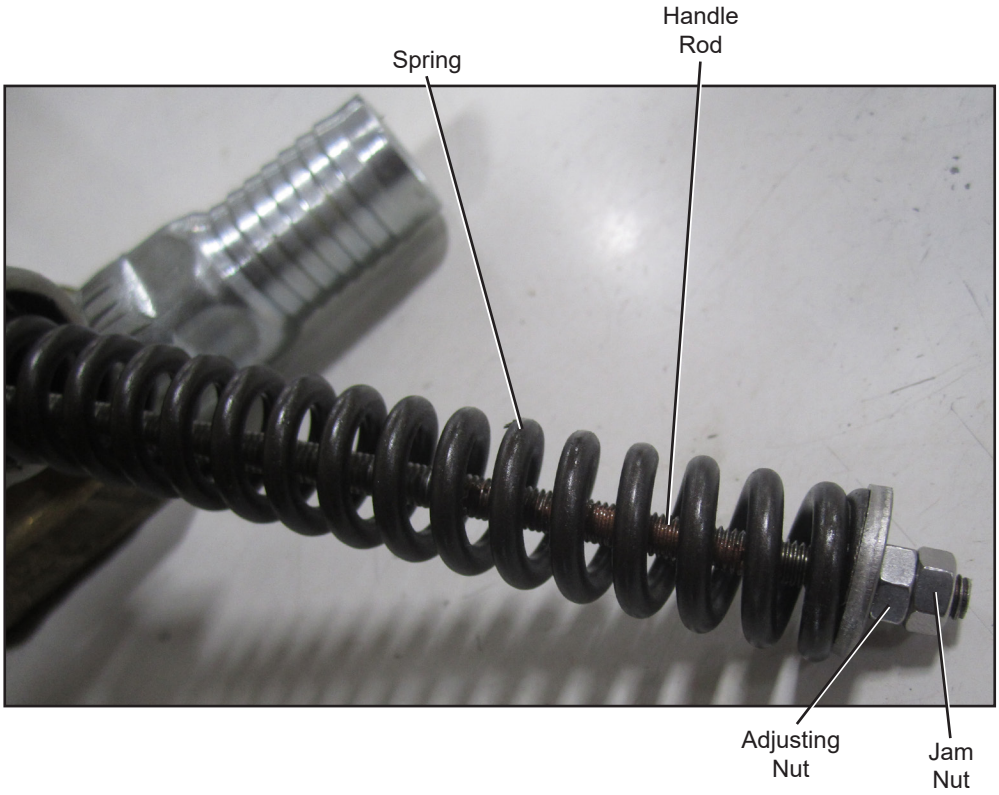

Figure 3: Ball Valve Handle Assembly.

6. Reinstall the handle onto the ball valve assembly. Turn the handle clockwise and screw the handle into the valve assembly. See Figure 2.
7. Procedure is complete.

Continuous Improvement:

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

McNeilus's quality policy is providing customer satisfaction through innovative products, dedicated service, and a constant focus on continuous improvement.

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