

TECHNICAL BULLETIN

Bridgmaster V

SUBJECT: Weekly Field Service Axle Inspection

LIT NO: H695

DATE: June 2007

BRIDGE AXLE MODEL NUMBERS

This publication applies to the following bridge axle model numbers:

BAR13X-03B
BAR13X-04B
BAR13X-06B
BAR13X-67B

SERIAL NUMBERS

HAUX97188 - HAUX108905

TOOLS OR PARTS REQUIRED

Brake cleaner or automotive degreaser cleaning agent

Clean rags

INSPECTION PROCEDURES

1. Set vehicle parking brake.
2. Lower bridge axle to a point safe for working and comfortable for inspection conditions.

Before working under the axle, use support beams to hold the axle in place.

3. Follow OSHA Lock out/Tag out procedures.
4. Use cleaning agent, to clean areas in Figures 1 and 2.

 **CAUTION:** NEVER USE ALKALINE SOLUTIONS TO CLEAN GROUND OR POLISHED PARTS. DAMAGE TO THE PARTS WILL RESULT.

 **WARNING:** SOLVENT CLEANERS CAN BE FLAMMABLE, POISONOUS AND CAUSE BURNS.

FOLLOW THE MANUFACTURER'S INSTRUCTIONS.

- WEAR PROPER EYE PROTECTION.
- WEAR PROTECTIVE CLOTHING.
- WORK IN A WELL-VENTILATED AREA.
- NEVER USE GASOLINE, SOLVENTS OR OTHER MATERIALS THAT CAN EXPLODE.
- USE ALKALINE SOLUTIONS CORRECTLY. FOLLOW MANUFACTURER'S INSTRUCTIONS.

5. Look closely at areas shown in Figures 1 and 2.

6. Inspect for crack lines. They might be shown by rust or grease residue.

The cracking might be faint, so look closely. See Figures 3 through 7 for example cracks.

7. Record the serial number of the unit on page 4 of this document. The metal identification tag (also where model number is located) is on the driver's side stabilizer mounting bracket. See Figure 8.

NO CRACKS

8. If **NO** cracks are visible upon inspection, remove Lock out/Tag out. Then return vehicle to normal use.
9. Inspect axle every week for signs of cracks.
10. Complete **FORM TO BE FAXED**, after each inspection. See Page 4.

IF YOU SEE A CRACK

11. If you see a crack, take the vehicle out of service right away.

Complete **FORM TO BE FAXED**.

12. Complete and return the **FORM TO BE FAXED**!

HENDRICKSON WILL CONTACT YOU TO SCHEDULE AN INSPECTION FOR POSSIBLE REPLACEMENT OF THE AXLE. PRIORITY WILL GO TO REPLACING CRACKED AXLES FIRST.

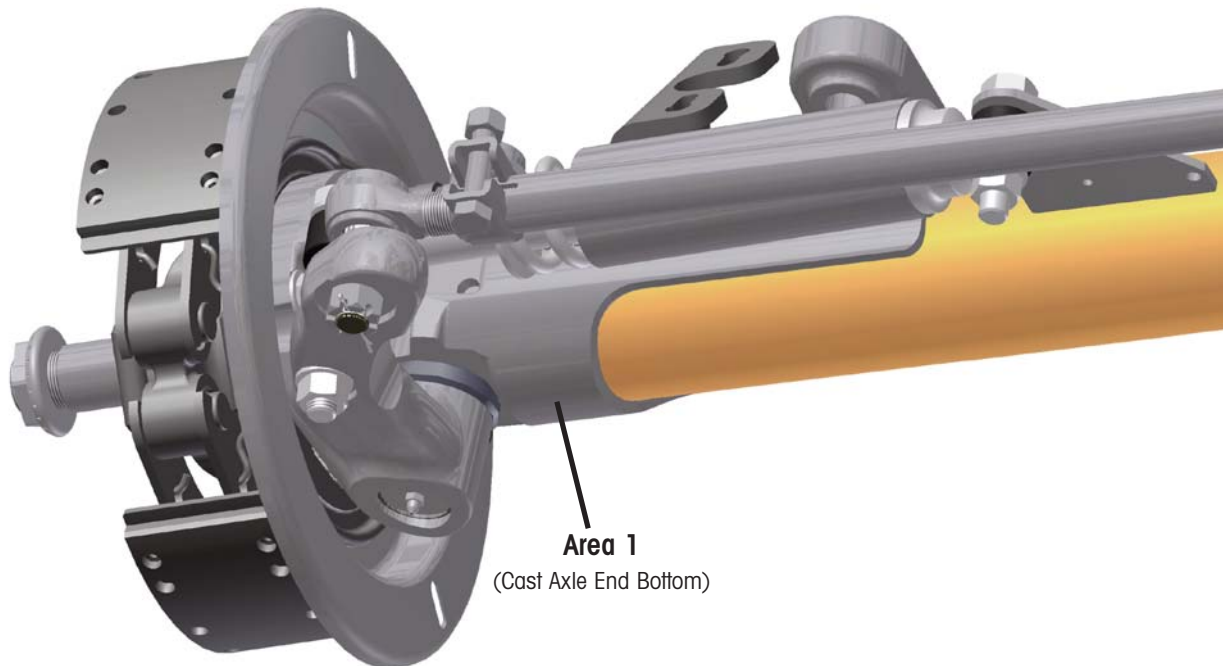


Figure 1 - Inspection area 1

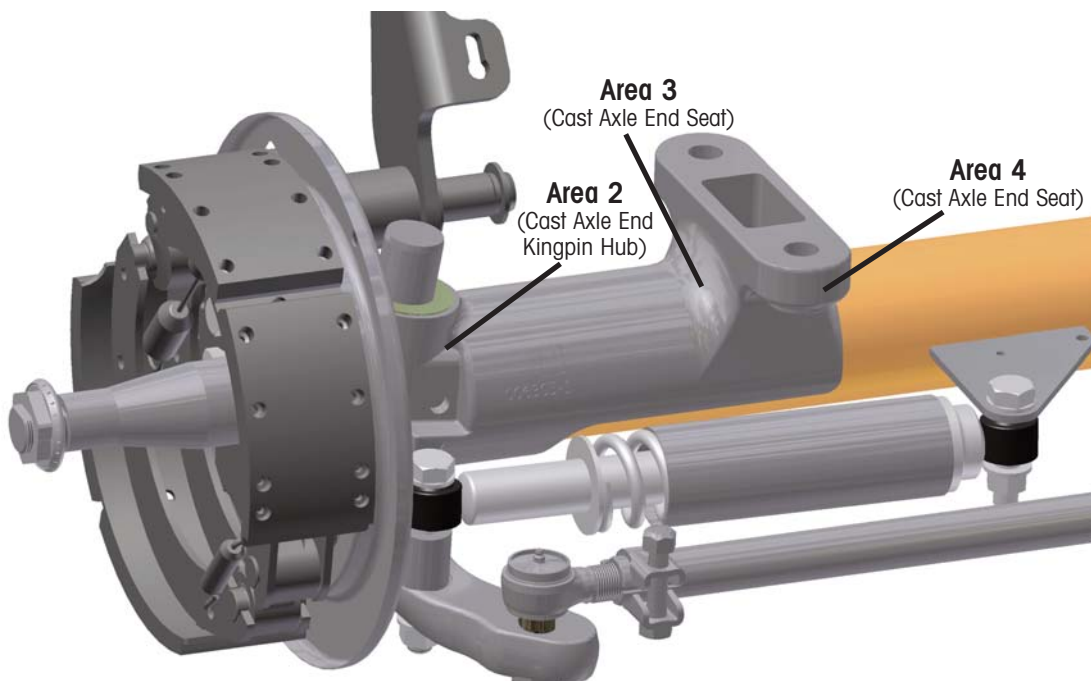


Figure 2 - Inspection areas 2 through 4



Figure 3



Figure 4



Figure 5



Figure 6



Figure 7

