



SERVICE BULLETIN

1-800-237-0022

SUBJECT: Safety Inspection

EFFECTIVITY: L03 Single Point Shear Beam Load Cells

Proper maintenance for the L03 Single Point load cells require that bolt torque be checked monthly. We recommend that when this maintenance is done, the welds attaching the trunnion clamp casting to load cell bar are also checked. This should be done for all L03 load cells, but in particular for the following serial numbers:

All L03 load cells with S/N's ending in 03S or 04S and all S/N's ending in 05S up to 901005S.

With use, some of these load cells have developed a crack in the weld that holds the trunnion clamp casting to the load cell bar. If a weld cracks, it starts at the end of the weld and runs along its length. If a load cell with a cracked weld remains in use, the crack will continue to grow. This could lead to a separation of the casting from the load cell bar.

Of the thousands of Single Point load cells we have built, we have had a few, from this referenced serial number group, returned to us with a cracked weld. Although we have seen this problem in less than one out of a hundred load cells, we want to make sure there are no problems in any of our load cells. New weld procedures have been implemented to minimize the chance of this problem recurring.

Anyone using L03 Single Point load cells with serial numbers in the this reference group must visually check the trunnion clamp casting to load cell bar welds for any sign of a hairline crack developing in the weld. Both inboard and outboard welds must be checked. If a crack is found, the trailer should not be used until a replacement load cell is installed. If no cracks are found, this inspection should still be done on a monthly basis along with checking the bolt torque.

