

Subject: U-Scan Carousel Wheels

Overview

There have been some recent issues reported where the wheels on the end of the support beams will begin to ‘squeak’ or make grinding noises shortly after installation.

It has been found that while the shaft and wheel bearing surfaces are designed to work together, with some use and a small amount of contamination some resistance can be encountered which when coupled with the large platter generates this noise.

Solution

Production

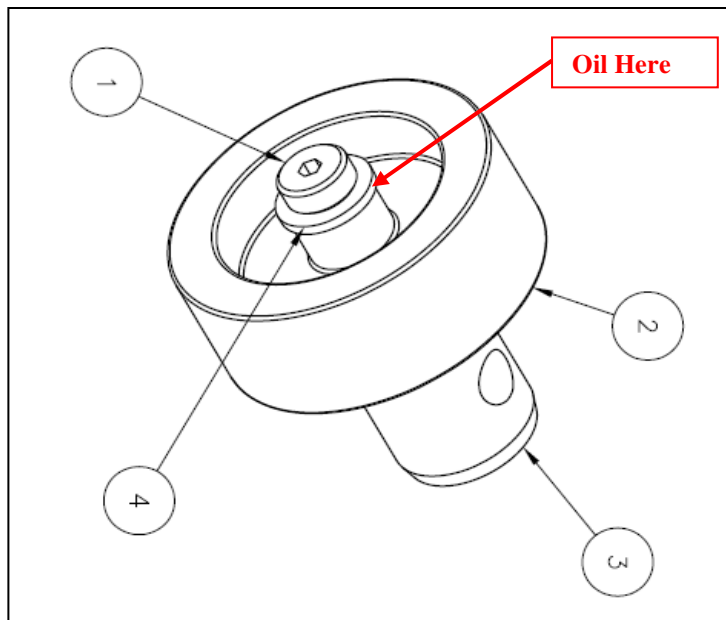
All Carousel Scales manufactured in January 2008 or later will have small amount of grease applied to the wheel/axel assembly to eliminate this problem (Shell SRS2000).

Field

Any units that are installed prior to the above production cut in, should have 1-2 drops of a high grade general purpose oil (example 3 In One Machine Oil) applied to the wheel, see illustration below. Once these drops are applied, slowly spin the wheel several revolution until the oil is ‘pulled’ into the wheel/axel assemble.

- Do Not use an aerosol based lubricant (such as WD-40).
- Do Not apply more that 2 drops of oil.

If the above does not resolve the noise for a particular wheel/unit, then remove that wheel/axel assemble, clean the shaft and internal wheel bearing surface and apply 1-2 drops of the oil to the internal bearing surface prior to re-assembly.



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| <ol style="list-style-type: none"> 1) Shoulder Bolt 2) Wheel 3) Wheel Mount & Axel Shaft 4) Washer <p>Add 1-2 Oil Drops between Washer (4) and Wheel (2).</p> |
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