

PRODUCT: TM-80

DATE: May 18, 2011

SUBJECT: Inspection of Vertical Lift Channel

SERIAL NUMBERS: ALL

DISCUSSION: In a few isolated instances, rig crews have discovered cracks in the Vertical Lift Channel located approximately one third to halfway from the base of the channel. Probable cause of these cracks is most likely a result of repeated excessive loading or a singularly large impact load beyond normal operation of the wrench.

Figure 1 and Figure 2 indicate the areas of inspection for cracks on the Vertical Lift Channel.



Figure 1

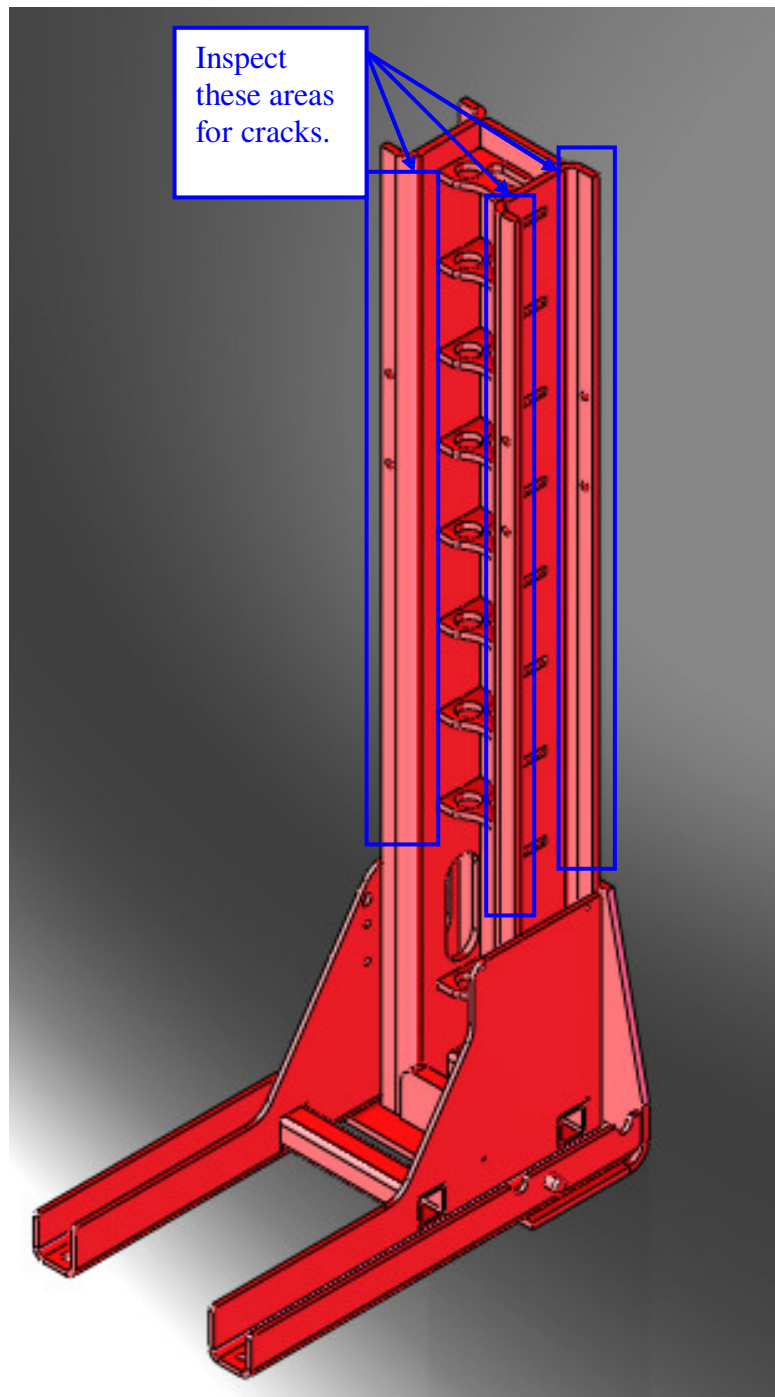


Figure 2

RECOMMENDATION:

1. Conduct inspection of the wrench following the steps outlined below.
 - a. While the wrench is in or close to the park position, fully raise the Vertical Lift Assembly
 - b. Disconnect power and follow local lock out and tag out procedures and remove any valve hand controls if installed.
 - c. Inspect the upper half of the Vertical Lift Channel for any sign of cracks. Clean the area in the channels for greater visibility if necessary.
 - d. Reconnect power to the wrench to move the assembly so that the bottom half of the Vertical Lift Channel can be inspected.
 - e. Extend the wrench out far enough so that the vertical can be fully lowered down and carefully set on the floor, without putting stress on the vertical cylinder.
 - f. Disconnect power. Follow local lock out and tag out procedures.

Remove any valve hand controls if installed.

- g. Inspect the bottom half of the Vertical Lift Channel for any signs of cracks. Clean the area in the channels for greater visibility if necessary.
2. If you find evidence of cracking, as shown in Figure 3, contact the Canrig Service Support Department immediately for an assessment. Contact information is provided below.



Figure 3

3. Failure to identify the problem and have it promptly corrected could potentially damage the equipment and, if not dealt with, could potentially become a hazard to personnel.

INFORMATION:

For further information contact:

For a complete list of all bulletins go to www.canrig.com

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