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**PRODUCT:** AUTOMATED CATWALKS

**DATE:** June 26, 2008

**SUBJECT:** PowerCat 4000 Kicker Rest

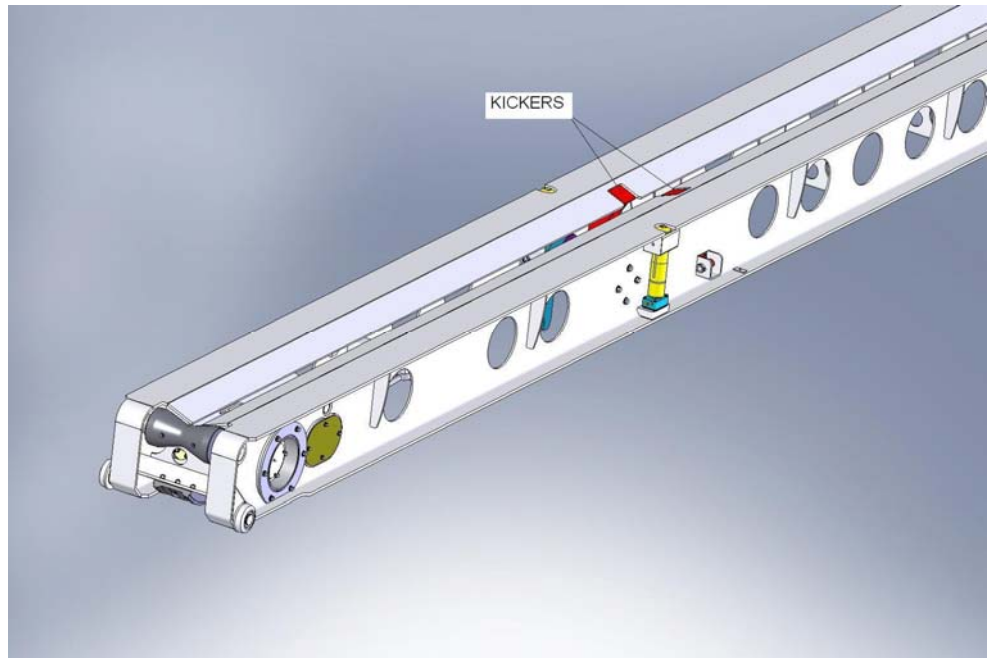
**SERIAL NUMBERS:** PM4000-1001 through PC4100-1030

**DISCUSSION:** NDIL Algeria has discovered three units where the kicker rest has not been welded to required specifications. When lowering a drill pipe onto the Carrier, the Kicker Rest could break free allowing the Kicker to retract into the Carrier by up to an inch. This causes the drill pipe to get "caught-up" on the Carrier Kicker opening, causing erratic movement of the drill pipe while sliding down the carrier V-trough.

**RECOMMENDATION:**

**Step 1** – All Kicker Rests need to be visually inspected to determine if all four seams of the Kicker Rest plate (Image 02) has 6mm of weld. The Kicker Rest can be found in the kicker opening (Image 03) of the Carrier, behind the Kicker head.

Extend or remove the Kicker (Image 01) so the visual inspection can be done.



**Image 01**

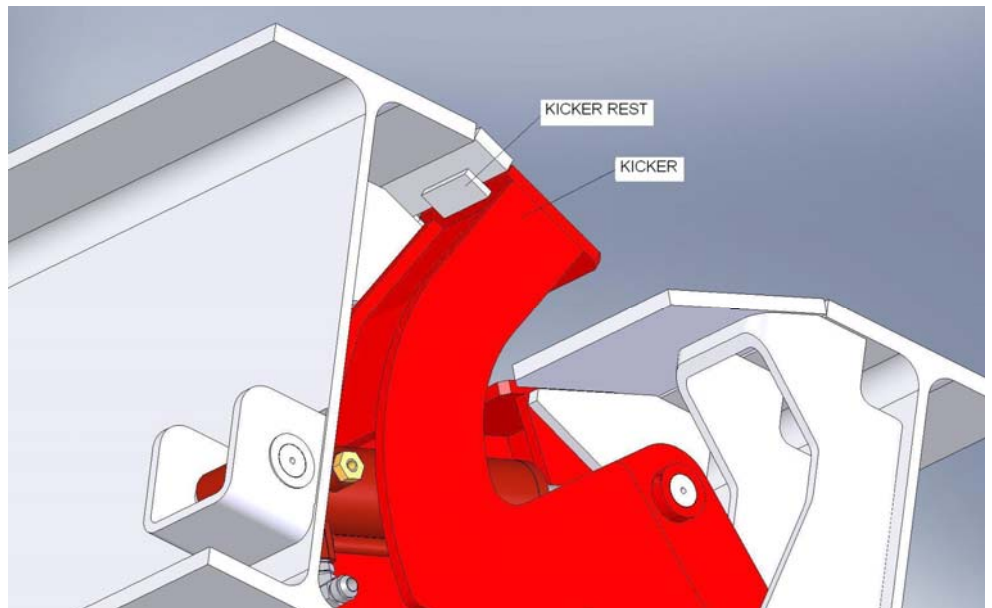


Image 02

**Step 2** – If by looking or feeling under the lip, where the Kicker Rest(s) should be welded, you can determine that there is enough weld (6mm – ¼” all around), holding the Kicker Rest(s) on.

**Step 3** – If there is enough weld, jump forward to ‘Step 10 - New Operating Procedure’. If there is NOT enough weld remove the Kicker(s), and remove or fully cover all hydraulic hoses and components in the surrounding area(s) of the Kicker Rest(s), in preparation to be welded.

**Step 4** – Using an angle grinder, gouge the front edge of the Carrier Kicker opening back 6mm to accommodate a 6mm bevel weld along the Kicker Rest front seam. This is required so the kicker head does not interfere with the weld when sitting on the Kicker Rest during regular operation of the Catwalk. (See Image 03)

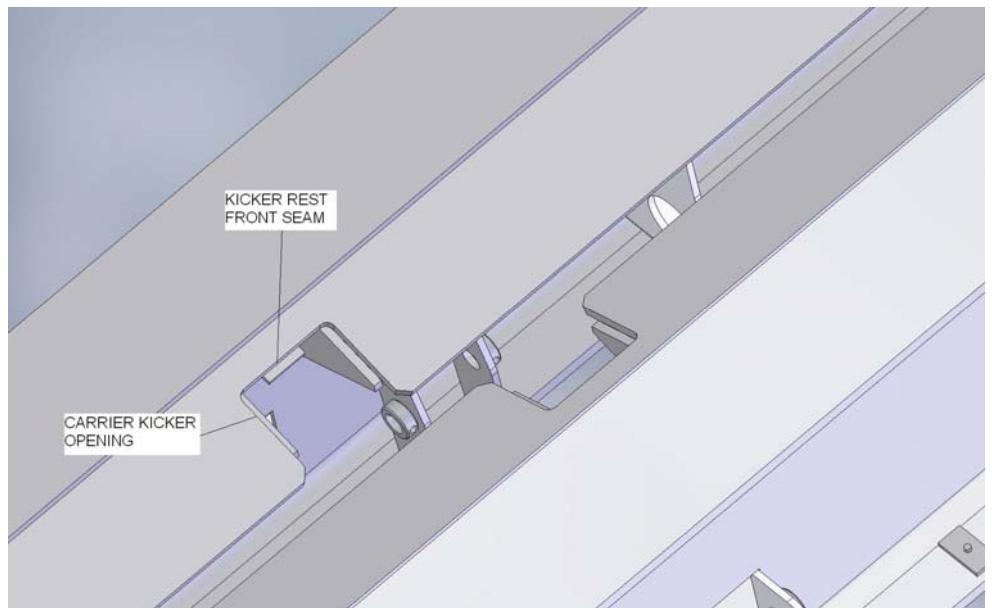


Image 03

**Step 5** – Ensure power to the Catwalk is completely disconnected.

**Step 6** – Ensure to follow proper grounding procedures for the welder, to eliminate the chance of arc welding machined components on Catwalk unit.

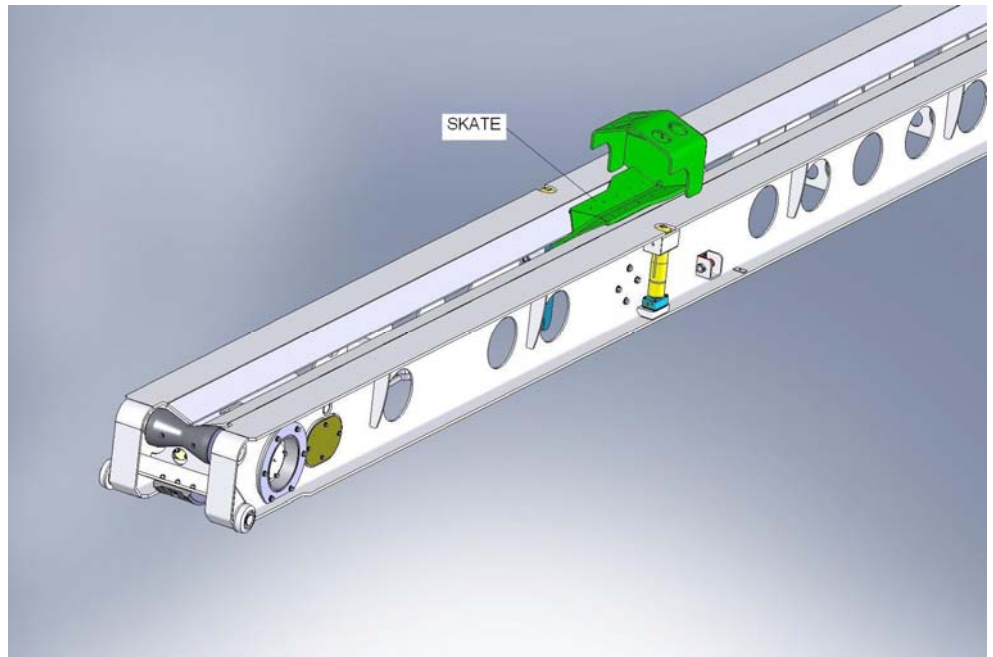
**Step 7** – Apply a full penetration 6mm weld around the bottom three seams of the Kicker Rest and a 6mm bevel weld on the Kicker Rest front seam.

**Step 8** – Reassemble the Carrier to its original state, as it was before Step 3.

**Step 9** – Ensure the Kicker(s) sit on the Kicker Rest(s) properly. They should be flush with, or 1/16” lower (max.) than the Carrier V-trough.

**Step 10** – As an additional step to reduce the chances of future issues with the front kickers during the tripping out process, we strongly suggest the use of the following procedure:

- A. Run the Skate forward so it overlaps the front Kicker by 2 to 6”.
- B. Lower the drill pipe onto the Carrier and slide it back until the end of the drill pipe contacts the back of the skate.
- C. Run the Skate back to the next pair of Kickers, overlapping the front Kicker of the middle pair.
- D. Continue to lower the pipe onto the Carrier and repeat the above steps until the drill pipe is laying flat onto the Carrier.
- E. Return to using the remaining standard procedures for tripping out.



**Image 04**

**INFORMATION:**

For further information contact:

*For a complete list of all bulletins go to [www.canrig.com](http://www.canrig.com)*

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