



Model: DW2000 MD  
Serial #: See affected models

Oct. 25, 2021

Product Bulletin # DW-014 Rev 1

## DW2000 MD Splash Protection

### Background

- Some of the drawworks have failed the static brake tests due to contamination on the brake disc and/or the brake pads. This is likely from water, mud, oil, etc., getting inside the brake guards during power washing of the drawworks and other operations. There is currently some splash protection, but the bottom of the guard is open. There are no drain holes in the skid deck, allowing liquids to pool on the skid deck.
- The solution involves adding drain holes to the skid and covering the bottom of the guards. A drawing, AY28904 (Figure 3 on page 4), was created to upgrade the units in the field.

### Issue

The original guard door design included an open bottom to allow drainage and air flow for the caliper brakes. During field use, it was determined that this design would allow contaminants to enter the base of the drawworks. See Figure 1.

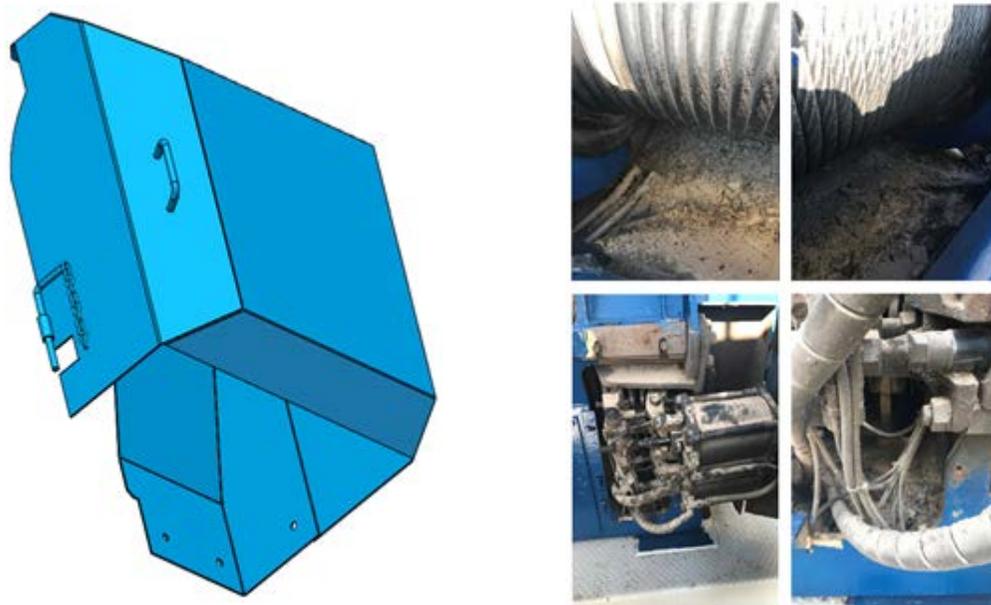


Figure 1: Original door design on the left, contaminants trapped in the bottom of the drawworks on the right



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## Affected Models

DW2000 MD Stacked Canrig Commander™ Drawworks

- S/N's: 03–43, 46–71, 74, 75, 77, 78 & 82

## Recommendation

Update the guard doors to include the splash protection and add drain holes to the skid deck. Refer to AY28904 (Figure 3 on page 4) for the new door part numbers and locations for the drain holes.

In addition, part numbers were set up to allow the guards to be received at Canrig from the field, reworked and sent back to the customer in the field.

The customer owned drawworks doors can be returned to Canrig to be upgraded for a fee and returned to the customer. Contact RIGLINE 24/7™ for details.



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**Note:** The new AY28904 – Kit, Upgrade, Splash Protection, DW2000 MD ordered from Canrig will contain parts to complete the upgrade for one drawworks.

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## Installation of Splash Protection Kit

Refer to AY28904 (Figure 3 on page 4) for the procedure for field installation of drain holes on skid. Updated enclosed door to eliminate the ingress of contaminants is shown on Figure 2.

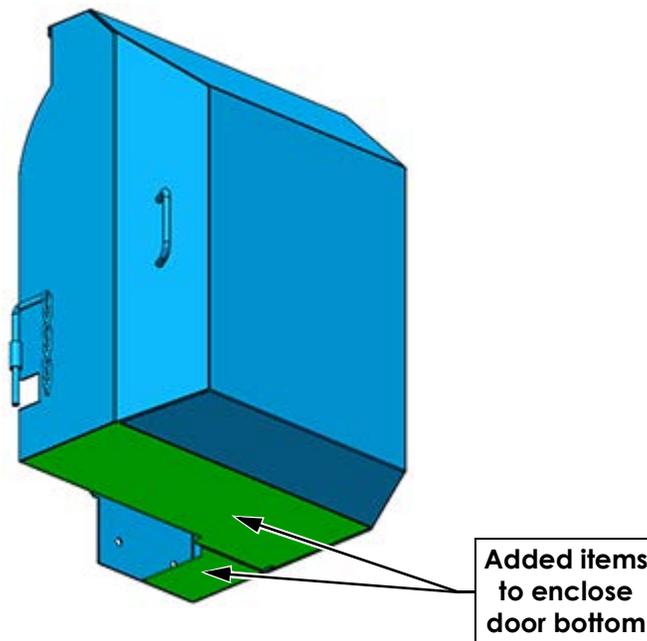


Figure 2: Updates to existing guard doors

For Reference Only

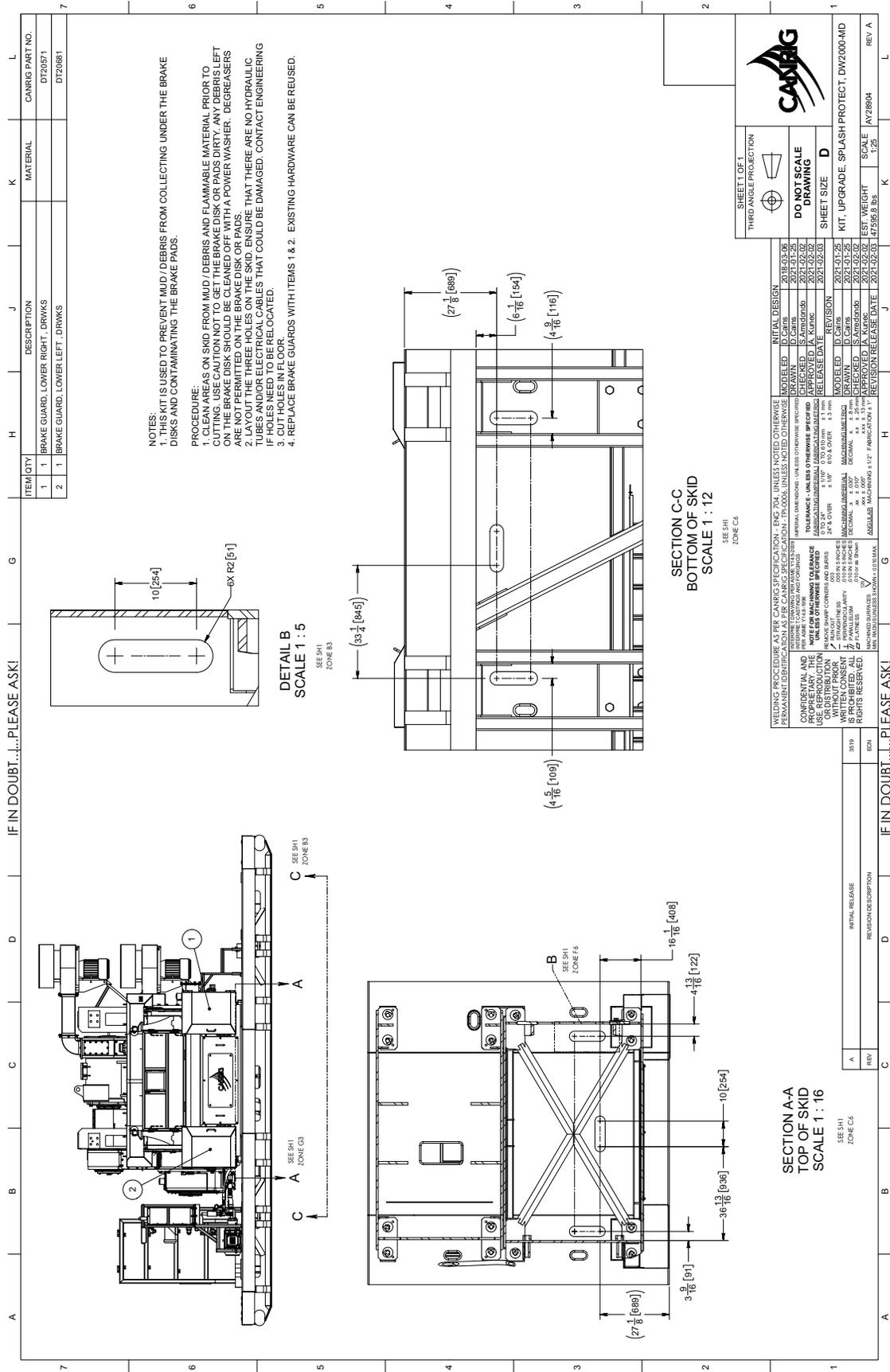


Figure 3: Addition of drain holes to existing skid