



Model: PC3000/PC4000

Serial #: N/A

Aug. 14, 2024

Product Bulletin # **PC-058** Rev 1

Alert



Catwalk Carrier Brake Issue

Issue

An incident happened when the Catwalk carrier, loaded with a 3,000 lb tubular, was raised to the mousehole position and left there for a prolonged period of time. The carrier slowly retracted to the roller position and then rapidly descended down the ramp into the catwalk base, causing structural damage. Before the incident, the rig reported receiving "Stopped, Carrier Moved in Neutral" alarms.

Affected Units

Canrig Catwalks models PC3000 and PC4000.

Recommendation

- Lower the carrier to the catwalk base when not in use. Do not leave the carrier raised and unattended for prolonged periods of time.
- If the Catwalk HMI indicates alarm "Stopped, Carrier Moved in Neutral", stop operations immediately and troubleshoot issue to resolution. This is usually an indication of a failing brake system.
- Make sure that the brake pressure reducing valve is set at 800 psi (see Figure 1 on page 2). It can be verified by installing a pressure gauge on the test port No. 11 (see Figure 3 on page 2). If the valve is not set to the proper pressure (800 psi) there is a risk of premature wear of the friction discs that could cause the failure described in this alert (see Figure 2 on page 2). This setting must be checked monthly.
- Verify that the pressure on port No. 10 (hydraulic motor flushing line) is not above 50 psi (see Figure 3 on page 2).



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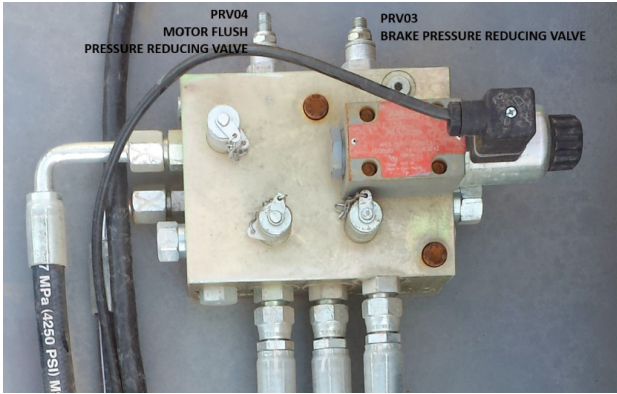


Figure 1: Brake pressure reducing valve (PRV03)



Figure 2: Worn friction disc

CARRIER WINCH CONTROL MANIFOLD

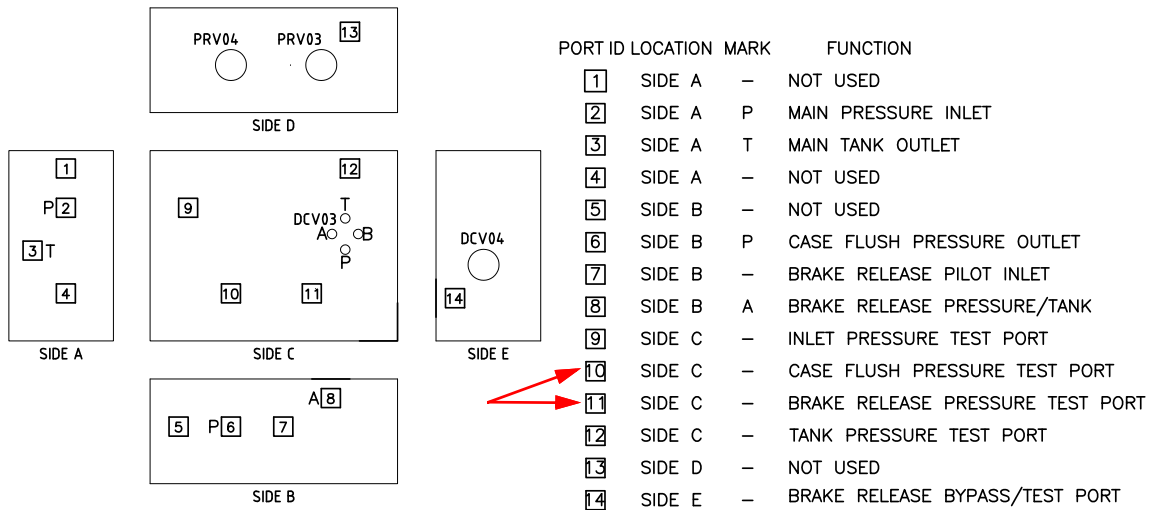


Figure 3: Carrier Winch Control Manifold Ports