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| Model: See Affected Units | Apr. 14, 2026 |
| Serial #: N/A | |
| Product Bulletin # PDC-020 Rev 1 | |

New LWCV Interlock

Issue

The current 2-position Mud Saver switch is located on the driller's chair left console next to the Top Drive (TD) brake switch. It has been noted that when the Driller intends to use the TD brake switch, they may inadvertently activate the Mud Saver switch instead, closing the Lower Well Control Valve (LWCV) (aka Mud Saver Valve) by mistake while the pumps are running. This unintended action can lead to costly equipment damage.

Affected Units

All Driller's chairs on US PACE II, US PACE III, PACE-X, 1200 series, and Cyclone rigs.

Recommended Actions

Canrig recommends replacing the existing Mud Saver 2-position maintained switch with a 3-position spring-return switch (Figure 1).

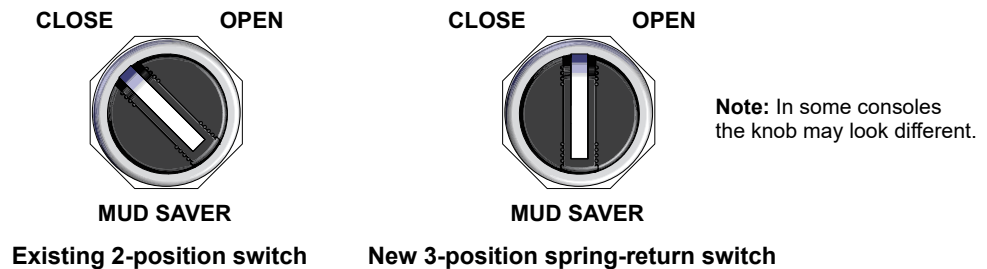


Figure 1: Mud Saver selector switch

For proper operation, this upgrade requires upgrading the control code to version 4.6 or later for Nabors Rigs (or version 4.52 or later for Cyclone Rigs).

This control code release includes an interlock that prevents the hydraulic remote LWCV from closing while the mud pumps are running. In the event of a close command with Mud Pumps running, a popup will show up on the HMI to confirm the close command by the Driller (see Figure 2 on page 2). On the Confirmation popup, if the Driller selects **Yes**, the LWCV will close, if the Driller selects **No**, the LWCV will remain in the same state.



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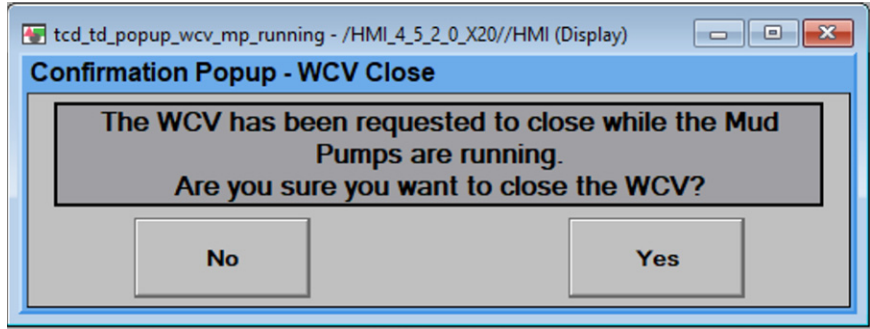


Figure 2: Confirmation popup window

Upgrade Kits

Table 1: Nabors Rigs

| Chair Configuration | Upgrade Kit P/N |
|---------------------|-----------------|
| Standard/Regular | AY15162-LH-2 |
| Stand | AY22353-UPGRADE |

Table 2: Cyclone Rigs

| Rig Number | Upgrade Kit P/N |
|---------------|--------------------|
| Cyclone 33–39 | AY19912-UPGRADE |
| Cyclone 40–43 | AY22353-UPGRADE |
| Cyclone 44 | AY22353-01-UPGRADE |

Contact Canrig TRUE™ Part Sales truesupport@canrig.com to order parts and RIGLINE 24/7™ to schedule this upgrade on your rig.