



Model: See Affected Units

Serial #: N/A

Nov. 11, 2024

Product Bulletin # TDS-260 Rev 1

## Alert



# ABB Drives Backspin Issue – 17.01 DC Hold Parameter

## Issue

With drive parameter 17.01 DC Hold set to “1” (Active), zeroing the Top Drive RPM sets the drive to magnetizing current. This current level may be insufficient to hold torque in the drill string under load, potentially resulting in a backspin.

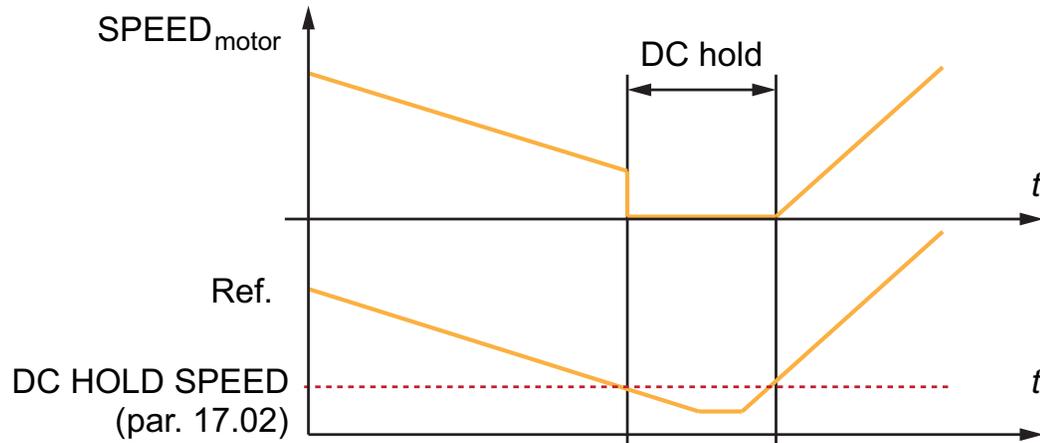


Figure 1: Parameter 17.01 DC HOLD

## Affected Units

All rigs equipped with a Canrig Top Drive system utilizing an ABB ACS-800 Variable Frequency Drive (VFD) for motor control.

## Recommended Actions

Always use the Top Drive Torque Unwind feature to ramp down torque before setting slips. (Reference: [Top Drive Torque Unwind Procedure: Bulletin TDS-133](#)).

- A Service Bulletin to follow with changes to Top Drive ABB drive parameters.



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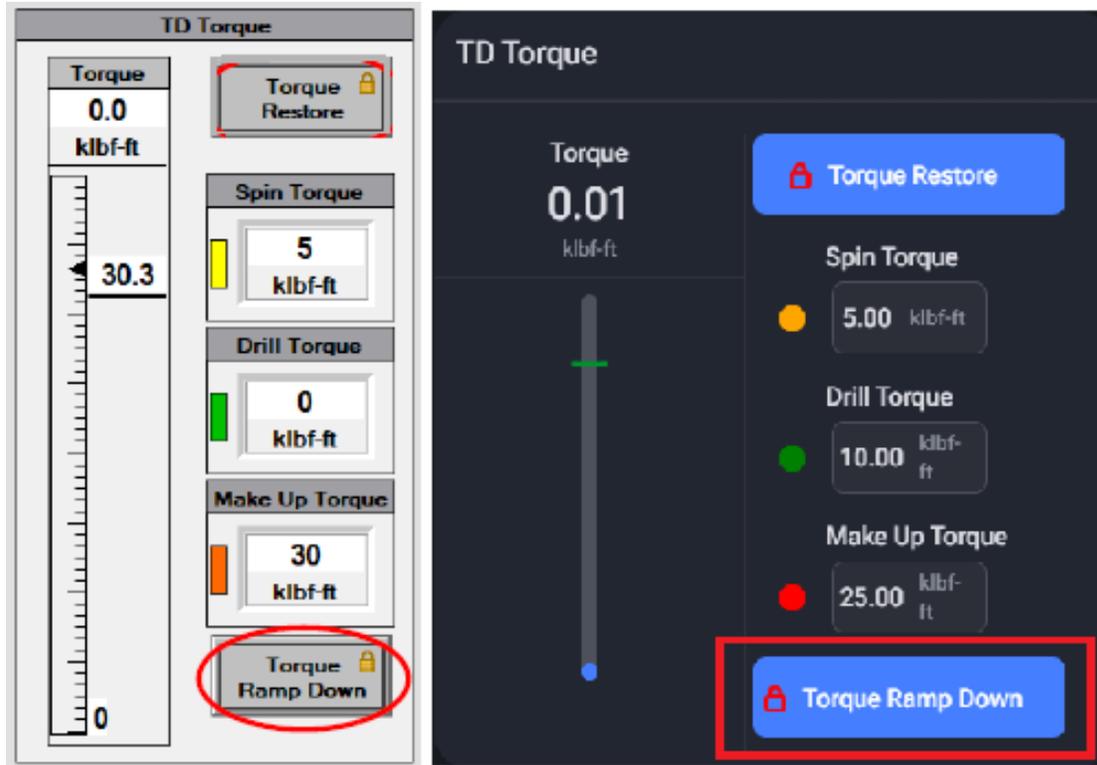


Figure 2: Torque Ramp Down in Legacy and New UI/UX

Contact Rigline 24/7™ if you need additional information.