



Model: Top Drive Model T500	Mar. 17, 2025
Serial #: N/A	
Product Bulletin # TDS-262 Rev 1	

## T500 Counterbalance Yoke Pin Upgrade

It has been reported that cracking has been observed at the base of the cylinder stem of the counterbalance yoke pin (Canrig Part # 5004074). The counterbalance cylinders support the weight of the top drive when the top drive is in connect mode.

To address this issue, Canrig has released a new version of the counterbalance pin (Canrig Part # 5004074-1), with improved geometry to prevent similar cracking from occurring.

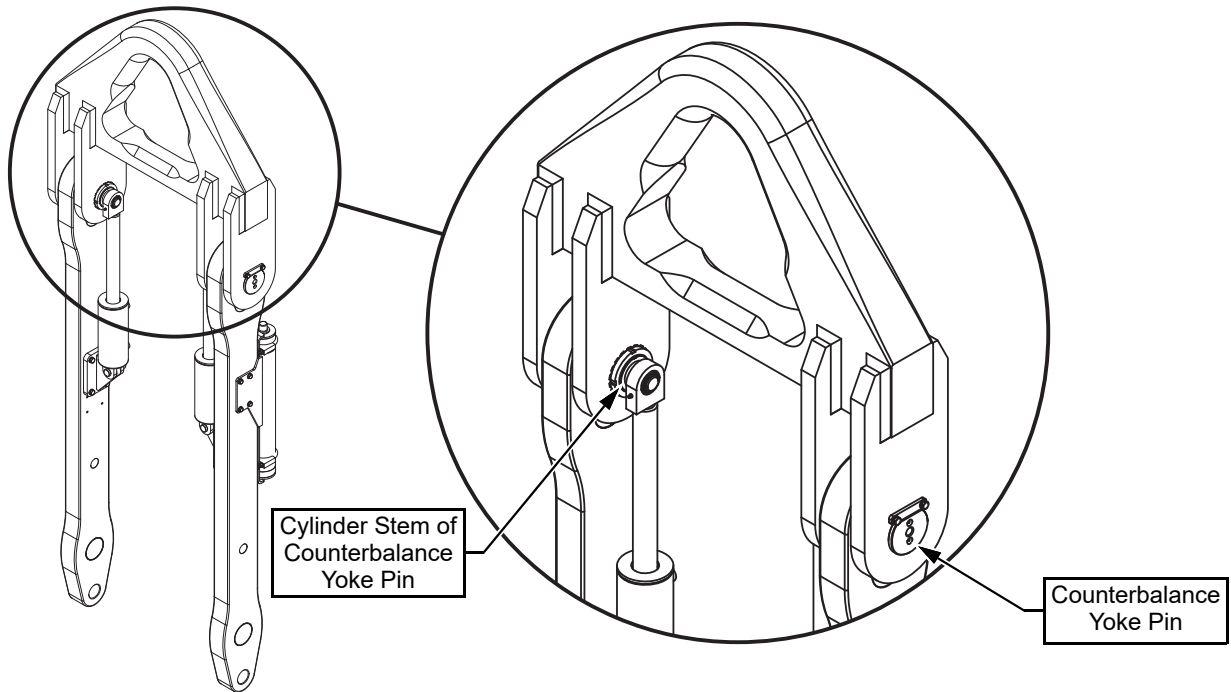


Figure 1: Counterbalance yoke pin

## Affected Top Drive Models

All T500 (aka 500-ESI-1000/1350) Top Drives.



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## Recommendation

Ensure that regular inspections are performed on the counterbalance yoke pin as recommended by Chapter 5 of T500 Product Manual (Canrig Document 20-064), including visual inspection and MPI of entire pin and stem at every Cat III inspection. Replace pins with the new version (Canrig Part # 5004074-1) if cracking or any other damage is observed.

Replace existing counterbalance yoke pins (two per top drive) with new version (Canrig Part # 5004074-1) at earliest convenience.

Contact Canrig Part Sales to order these parts ([part.sales@canrig.com](mailto:part.sales@canrig.com)).