



Model: C275 Top Drives Serial #: N/A	Jun. 25, 2025
Product Bulletin # TDS-269 Rev 2	

Traction Motor Remote Greasing Point Upgrade Kit

On the C275 top drive, the traction motor greasing point is positioned in a hard-to-reach area, making routine maintenance challenging. Accessing this point often requires partial or significant disassembly of surrounding components, leading to increased maintenance time and effort. This inaccessibility can result in delayed or missed lubrication intervals, which may negatively affect traction motor performance and reduce its service life.

The new upgrade kit (AY29483) provides convenient access to the non-drive end traction motor lubrication point, streamlining routine maintenance.

Affected Units

Top drive models: C275

Upgrade Information

The remote greasing point upgrade requires partial disassembly of the top drive and must be performed by a qualified technician. The top drive cage and disk brake assembly need to be removed to access the non-drive end lubrication point on the traction motor and reinstalled after the installation procedure is complete.

For ordering the Traction Motor Remote Greasing Point Upgrade Kit (Part No. AY29483), please contact Canrig Parts Sales team (parts.sales@canrig.com).

Refer to Table 1 on page 3 for a complete list of components included in the upgrade kit.

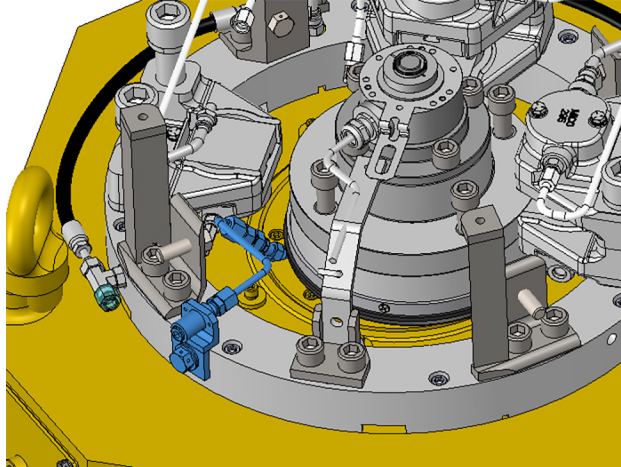


Figure 1: Non-drive end lubrication point Installation

Lubrication Frequency Guideline

To ensure reliable performance and extend the life of the traction motor, it is essential to follow a consistent lubrication schedule. The motor manufacturer recommends periodic greasing of the motor bearings, while cautioning that over-greasing can lead to premature bearing failure.

The lubrication point is located on the non-drive end of the motor. The upgrade kit includes a plug for this grease port.

During lubrication, the plug must be temporarily removed and replaced with a grease fitting. Once greasing is complete, the fitting should be removed and the original plug reinstalled to prevent contamination.

Canrig recommended lubrication schedule for traction motor drive and non-drive end bearings is detailed below:

- Lubrication frequency:
 - Every 6 months or after every 2,500 operating hours, whichever comes first.
- Type of Grease:
 - Use an approved lithium-based grease: D6A2C10 or Cyprina RA.
- Quantity per application:
 - 2 oz. of grease per lubrication point.



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NOTICE

Always use proper grease handling practices and avoid over-pressurizing the bearing cavity. Excess grease must be wiped away to prevent contamination or damage.

Table 1: KIT, UPGRADE, MOTOR ASSY, C275 (AY29483)

Item	Qty	Canrig P/N	Description
1	1	AY28083	ASSY, GREASE TUBE, 1/4, MOTOR BRG, NDE, C275
2	3 ft	M21-2000-010	WIRE ROPE, 1/16" DIA
3	6	M19-3006-010	FERRULE, 1/16, OVAL, ALUMINUM