

Air Intake Blower Retrofit Kit

Introduction

Canrig has designed and is offering an air intake blower retrofit kit for the 2000 HP single speed Commander™ Drawworks.

Issue

Cracks can develop on the blower impellers, which can lead to fragments breaking off and causing damage to the equipment.

Recommendation

Replace the air intake blower on both traction motors of the 2000 HP single speed Commander™ Drawworks. Order the retrofit kit, AY21087 (two are needed), through RigLine 24/7™ Support.

Air Intake Blower



Figure 1: Old Air Intake Blower



Figure 2: Air Intake Blower Retrofit

Procedure



Warning! Follow proper lock-out/tag-out procedures before performing any work on the drawworks.

1. Remove old blower air intake.
2. Install blower air intake retrofit in location of old blower air intake that was just removed.
3. Use Loctite 242 (blue) on bolts when installing.
4. Mark bolts with TORQUE-SEAL®.
5. Repeat steps 1–4 on the second motor.
6. Upgrade PLC to read traction motor winding temperature.
7. Set safety alarms.
8. Remove lock-out/tag-out.
9. Start up the system for a test.