



Model: Commander™ Drawworks 1500/2000HP Modular Design Serial #: See S/N Affected	May 7, 2015
Product Bulletin # DW-008 Alert	



Brake Dampening Retrofit Kit

Introduction

The current brake system configuration lacks brake modulation to avoid high load shock during brake set. If brakes are applied too fast, gearbox gears and snap rings can become damaged.

The gearbox output (bull) gear may move axially approximately 1/2" making contact with the gear case. In other instances, the transfer case output gear may shear off the retaining ring causing the gear to move axially making contact with the transfer case.

Serial Numbers Affected

Commander™ Drawworks Serial Numbers:

- 1
- 4 through 43
- 46 through 64

Recommendation

Contact RigLine 24/7™ Support to schedule installation of the brake hydraulic power unit brake modulating upgrade kit (this will require an upgrade to the PLC code). Upgrade kits are specific for each rig type as indicated below:

- For B and S Rigs: Canrig P/N AY21225 – Brake Dampening Upgrade Kit, Drwks. See note under “Procedure” on page 3 and Figure 1 on page 2.
- For PACE-X Rigs: Canrig P/N AY21199 – Brake Dampening Upgrade Kit, Drwks. See Figure 2 on page 2.

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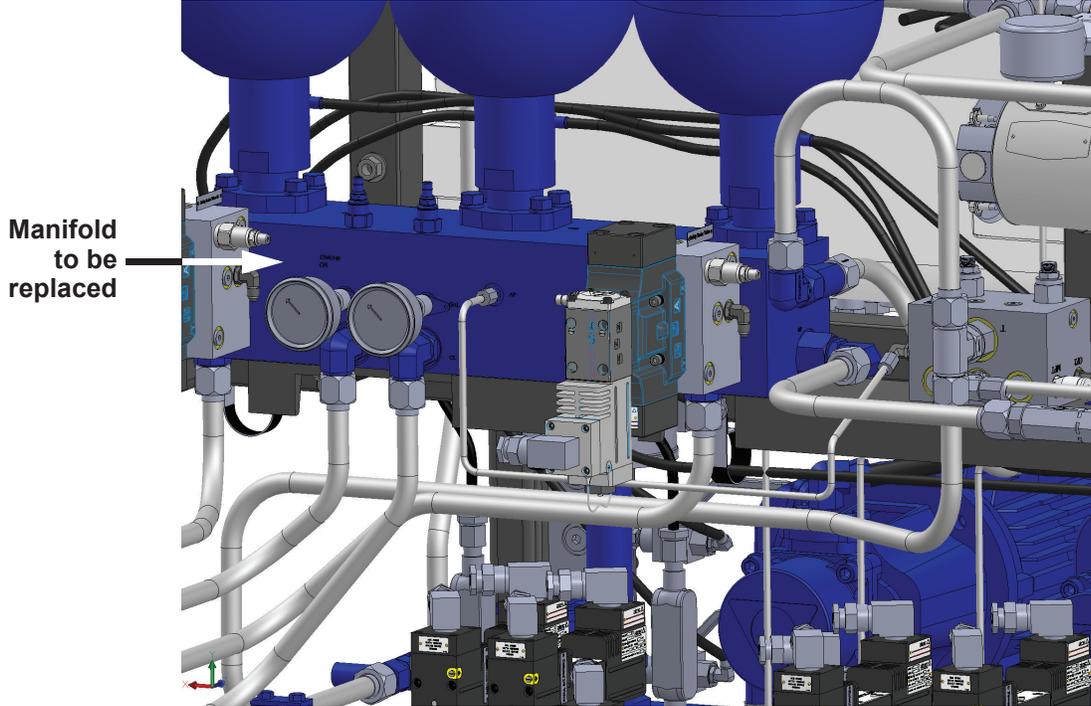


Figure 1: Brake Dampening on the HPU (B and S Rigs)

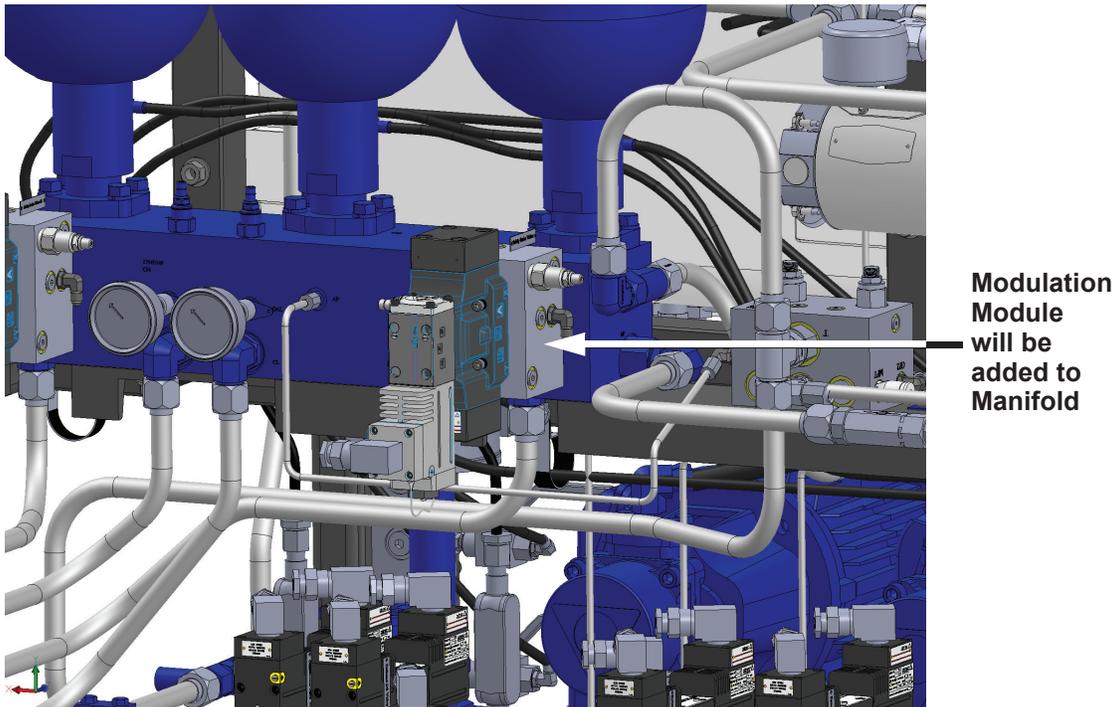


Figure 2: Brake Dampening on the HPU (PACE-X Rigs)



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Procedure

This procedure must be performed by a Certified Canrig Technician.



Warning!

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



Note: Some hydraulic lines will need to be re-routed during these repairs on B and S Rigs.