



Nextelligence[®] Newsletter



Issue #26

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Environmental
Solutions Group[®]



Welcome to the Nextelligence Newsletter!

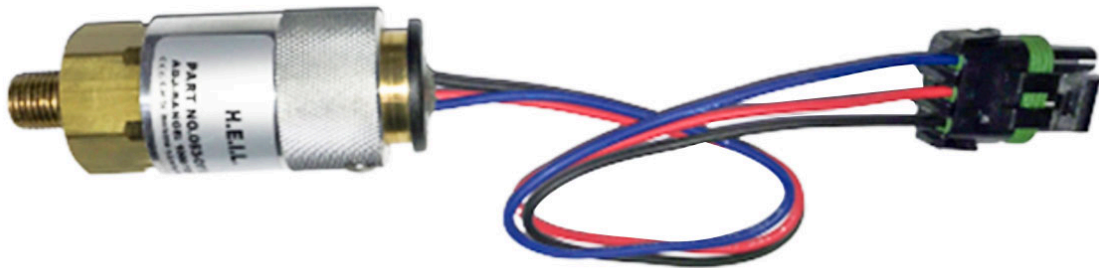
Welcome to the 26th edition of the Nextelligence Newsletter. We look forward to continuing to provide the latest news in the Nextelligence training community.

TIDMORE'S
Nextelligence Tech Tips
From Master Trainer Donald Tidmore

DuraPack Python Pressure Switch How it functions and how to set it



In this month's edition of the Nextelligence Newsletter, we are going to discuss the functionality of the DuraPack (DP) Python packer pressure switch and how to adjust it.



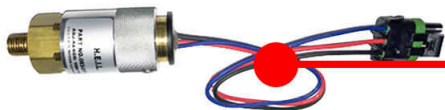
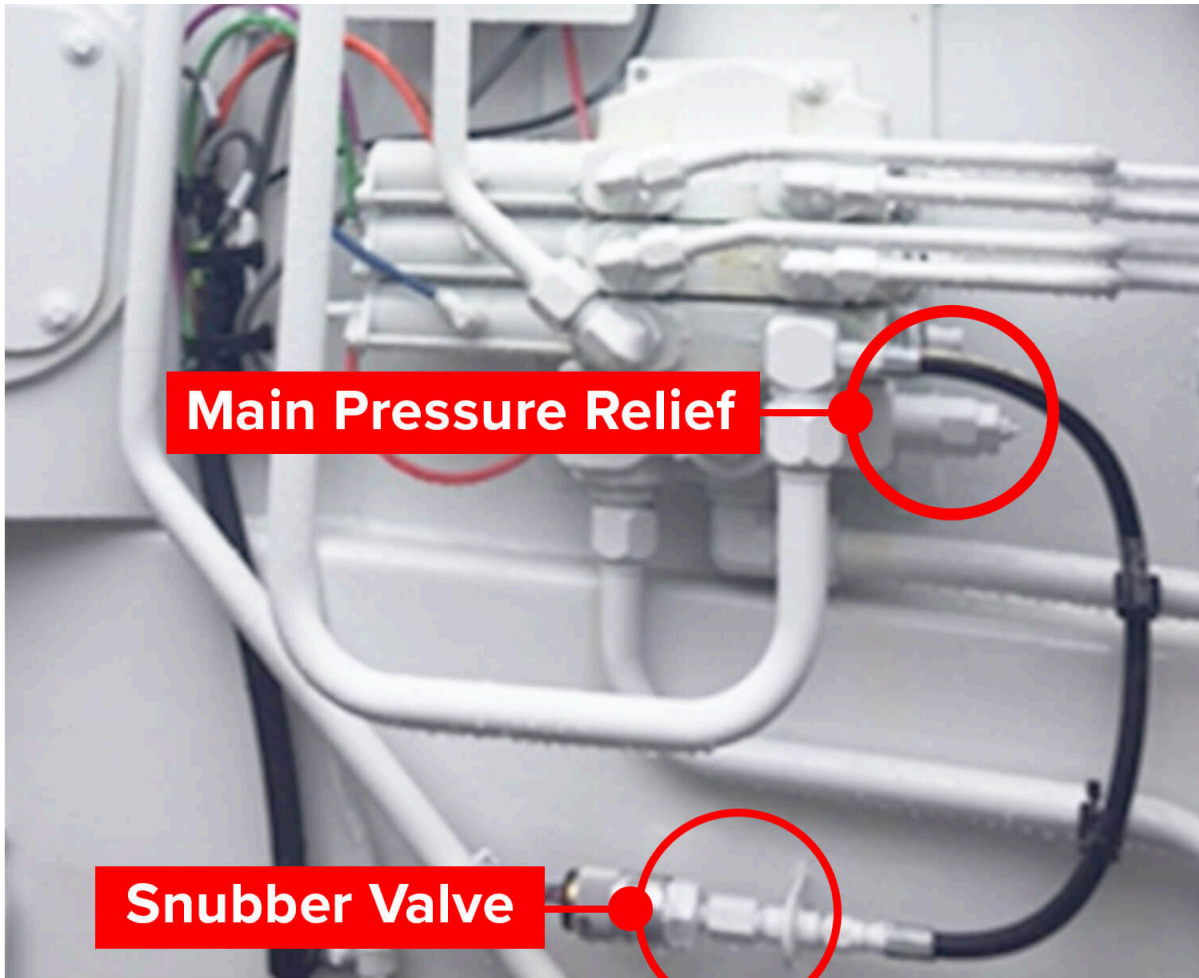
The DP Python packer pressure switch is a normally closed switch, which means it has an input of 12 VDC and continuously sends a 12 VDC signal to the body controller until the setpoint pressure is reached. When the setpoint pressure is met, the 12 VDC signal is interrupted, dropping its signal and triggering the pack cycle to retract the packer. This occurs while using the Auto-Pack function as refuse fills the body.

If the DuraPack body encounters light payloads or if the packer returns prematurely during the packing process, the pressure switch may be misadjusted or malfunctioning. If the switch is set too low, the payloads will be lighter. If the switch is set too high, it may lead to damage to the body or components.

The InSight cab display serves as a diagnostic tool to view these

components and assess their proper functioning. The packer pressure switch is shown as an input on the iNSight display. Additionally, during adjustment or replacement, it is advisable to clean or replace the snubber valve.

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Packer Pressure Switch

The Pressure Switch Should Be Set To 2200 PSI

The following steps explain how to adjust it

Step One

With an empty body, raise the tailgate and extend the packer fully.

Step Two

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Lower the tailgate onto the tailgate props.

Step Three

Attach a hydraulic pressure gauge rated 0-5000 psi to the gauge port on the body valve.

Step Four

Lower the main relief to 2200 psi by deadheading the packer extend. In hydraulics, a deadhead cylinder occurs when a directional control valve is engaged but the cylinder rod is stopped at the end of its stroke. This prevents the rod from moving and forces the pump flow to discharge across the pressure relief valve. In this case, we will continue attempting to extend the packer cylinder when it reaches its fully extended limit until we adjust the main relief down to 2200 psi.

Step Five

Have a second person observe the input screen on the In-Sight display and monitor “Packer Pressure Sw” while operating the controls.

Step Six

Loosen the slotted set screw on the side of the pressure switch and turn the adjustment both clockwise and counterclockwise while deadheading the packer extend. Have your teammate notify you when the signal has changed state (on/off.) Set the switch at the threshold where the signal is turning on and off with very slight adjustments.

Step Seven

Using the same packer extend deadhead method, lock the slotted set screw, reset the main pressure to 2500 psi, and lock the jam nut.



Main Pressure Relief

Would you like to know more about Heil bodies, 3rd Eye, and related topics? Good news! We teach that in our Nexteligenz MAT classes. You can get in-depth training by contacting us to register for a Nexteligenz MAT class at: Nexteligenz@doveresg.com

Contact Info & Helpful Links

Miss a Newsletter?

No problem - You can now view all past Nexteligenz newsletters by visiting our Archives page.

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The 2025 Nextelligence Training Schedule Is Here!

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The 2025 Training Schedule is now available and can be viewed via the Nextelligence webpage, or on the Heil Dealer Portal.

2025 Heil Live Online Webinar MAT Training Schedule

Online Training Dates	Product	Time
March 11th & 12th	DuraPack 5000	9am - 11:30am CST

2025 Heil Factory Training Schedule

Factory Training Dates*	Product	Time
March 18th & 19th	Electrical Fundamentals - Digital Multimeter	8am – 4pm CST
March 25th & 26th	RevAMP	8am – 4pm CST

* Subject to change

** 3rd Eye training can be scheduled as a REQUESTED third half day upon request.

[VIEW FULL 2025 TRAINING SCHEDULE](#)

Nextelligence Class Registration

Feel free to contact us anytime if you have any training questions or to register for one of our training classes.

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Service Shack

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