



Nextelligence Newsletter



Issue #35

June 2026



Environmental
Solutions



Welcome to the Nextelligence Newsletter!

Welcome to the 35th edition of the Nextelligence Newsletter. We look forward to providing the latest news in the Nextelligence training community.



Nextelligence Tech Tips

From Master Trainer Travis Wallen

The Importance of Making Correct Power Connections on your 3rd Eye G1 Gateway

It is crucial that the 3 power-source connections are correctly made. First, we will show the correct connections. After, we will show why it's crucial that they are correctly made.



Battery Connection

On the MVA (Motor Vehicle Adapter) harness that connects to the G1 Gateway, there is a 4-pin connector tag out for the power cables.

There are 4 conductors:

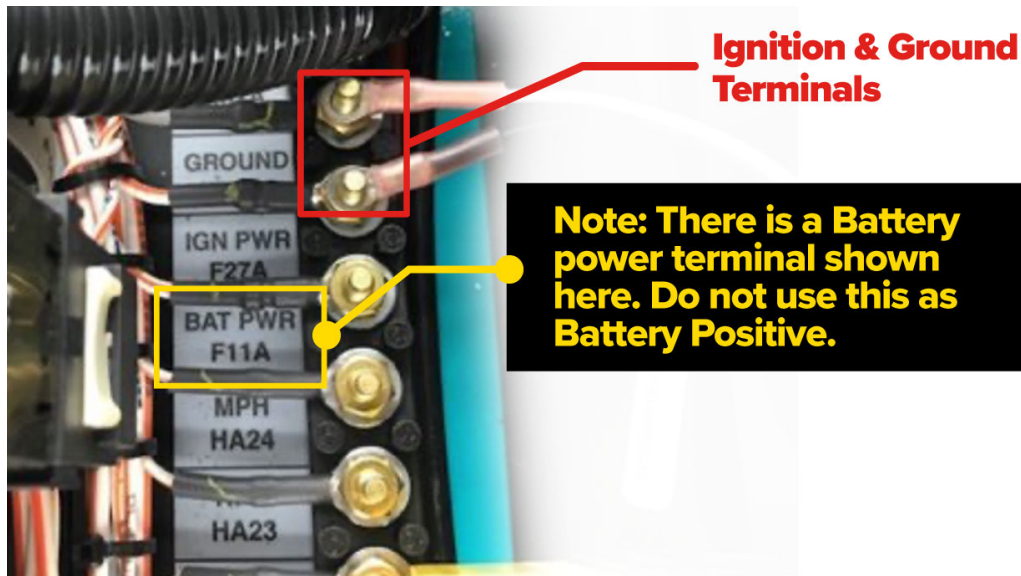
1. Battery Positive
2. Battery Ground
3. Ignition Power
4. Chassis Cab Ground

Additionally, there is a Back-Up Battery connection. This 3-pin connection is located on the MVA cable labeled "Back-Up Battery".

The Battery Positive connection is a red wire labeled PWR and connects directly to the battery positive post. The Battery Ground is a black wire labeled GND that connects directly to the Battery Ground Post.

Ignition Power

The Ignition Power connection should be made on the ignition terminal in the cab. This is 12 volts of power on with the key switch on and power off with the key switch off.



Note: There is an inline fuse not shown, near the ignition positive terminal, with a 15-amp fuse.

3rd Eye ignition is an Orange wire labeled IGN. The Chassis Ground is a Black with a yellow tracer wire labeled CHGND.



Battery Backup

The third power source is the Back-Up Battery. The Back-Up Battery can allow the system to complete a safe shutdown cycle if power is lost from the chassis batteries. The Back-Up Battery is located beside the Gateway, mounted to the same bracket. The MVA harness has a 3-Pin connection labeled "Back-Up Battery."

Now the Why...

The system operates from the Chassis batteries. When the Ignition power is turned on, it's like a "power on" button to the gateway and begins the booting-up process.

When the Ignition Power is turned off, the system begins a shutdown process after finishing any data upload. Also, every day, regardless of whether the unit is in use, the system wakes up around 2am and "pings" the 3rd Eye portal via a cellular connection.

Once the portal completes a successful "ping," the system goes back to sleep until the unit is cycled on or completes another "ping" the next morning. This confirms the unit is up to date and online.

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

Contact Info & Helpful Links

Miss a Newsletter?

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

2026 Nexteligenz Training Schedule

The 2026 Training Schedule can be viewed via the Nexteligenz webpage, or on the Heil Dealer Portal.

3rd Eye Online Webinar Training Schedule

3rd Eye Training Dates	3rd Eye Product Training	Delivery Method	Time
July 23rd	Camera and Digital	Webinar	8am - 1pm CST
August 24th	Camera and Digital	Webinar	8am - 1pm CST

3rd Eye Factory Training Schedule

3rd Eye Training Dates	3rd Eye Product Training	Delivery Method	Time
June 18th	Camera & Digital	Factory	8am - 1pm CST
July 30th	Camera & Digital	Factory	8am - 1pm CST
August 27th	Camera & Digital	Factory	8am - 1pm CST

[VIEW FULL 2026 TRAINING SCHEDULE](#)

Nexteligenz Class Registration

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

[EMAIL TRAINING](#)



Service Shack

Visit the 3rd Eye Service Shack for helpful training and instructional videos

[VIEW SERVICE SHACK](#)

Sign Up for the Nexteligenz Newsletter!

To sign up or add team members, click the button below!

[SIGN UP](#)



DISCLAIMER: REFER TO THE SERVICE MANUAL BEFORE ATTEMPTING ANY WORK OR REPAIRS. THIS DOCUMENTATION IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. NO WARRANTY, GUARANTEE, OR PROMISE IS MADE AS A RESULT. PLEASE SEE THE RESPECTIVE ESG TERMS OF SALE AND/OR APPLICABLE WARRANTY STATEMENT FOR THE SOLE AND EXCLUSIVE WARRANTY OFFERED. WE CANNOT CONTROL THE SAFETY OF YOU, YOUR PROCESSES, OR YOUR WORKSPACE – PLEASE ACT ACCORDINGLY.

Copyright © The Heil Co. - All rights reserved.

Our mailing address is:
Environmental Solutions Group
201 W. Main Street, Ste 300
Chattanooga, TN 37408