

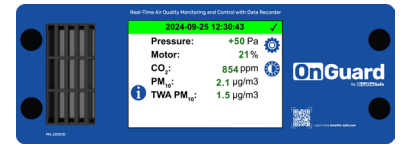
Commissioning Guide

OnGuard™ Controller



Receive extended warranty on your BreatheSafe products by commissioning and registering your system online*.

*Extended warranty will only be offered if at least 250Pa of pressure is reached during testing of operator cabin. This test indicates whether the system has been installed correctly and to optimal standards.



OnGuard UI Part Number: 200510

Step One:

Access the commissioning form via the following link or scan the QR code:
<https://cthree.breathe-safe.com/coregform>



Step Two:

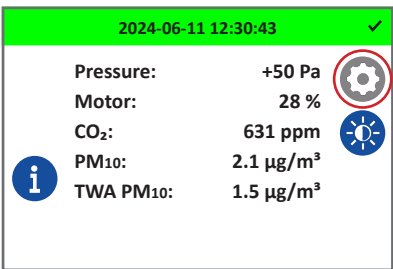
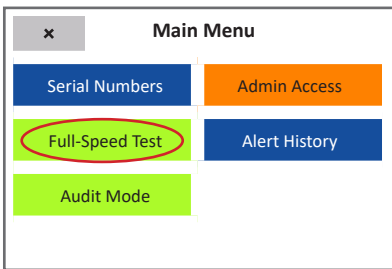
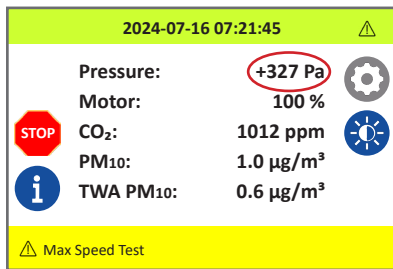
Carry out commissioning procedure correctly and collect required results.

Full-Speed Test Guide:

- Start engine (pressuriser ON) and ensure all windows & door(s) are CLOSED correctly (no cabin pressure leaks). Perform this test with the air conditioning off.



Note:
After powering up, installer must assign a vehicle ID.

Instructions		
 <p>Press the settings cog.</p>	 <p>Press 'Full-Speed Test' button.</p>	 <p>Cabin sealing needs to be checked and improved if maximum pressure is below 250 Pa with a new filter.</p>

- Take a photograph of the pressure reading on the UI while the Full-Speed Test is running.
- Press settings and "Exit Full-Speed Test" to end the test.

Cabin sealing is an integral part of RS20 & ISO 23875; you must ensure that cabin seals are adequate for maintaining positive pressure. In addition, the site (end-user) must have the correct procedure(s) for servicing operator enclosure seals in a proactive manner rather than reactive. Items such as door and window seals must be in good working order or new seals fitted before the BreatheSafe system installation. **The minimum BreatheSafe requirement for cabin sealing efficiency is 250 pascals; if this result is not met, it is essential to re-examine and find pressure leaks of the enclosure and apply new sealing measures.**

Step Three:

About this OnGuard Unit				
Software Release	2021-02-02			
OnGuard Hardware Type	---			
OnGuard Serial Nr	4			
Vehicle/Installation ID	---			
Vehicle/Installation Type	multizone			
Vehicle/Installation Serial Nr	---			
Configured Options	Pressuriser Control, Display, CO ₂ and PM Sensors, Sensor Zones			
Network Connections	Connection Type	Status	IP-Address	
	WiFi Access Point	Down		
	WiFi Client	Up	10.60.60.72	
Connected Accessories	Type	Serial Nr	ID Tag	Zone Assignment
	CO ₂ /PM Sensor	18	ontop	Breathing Zone
	CO ₂ /PM Sensor	19		Return Air Zone
	Display Pod	2		N/A

Retrieve OnGuard Main Unit and Sensor serial numbers. This can be done via the UI or via the web interface.

Ensure you are wearing the correct PPE.



Step Four:

Fill out the commissioning form on the BreatheSafe website.



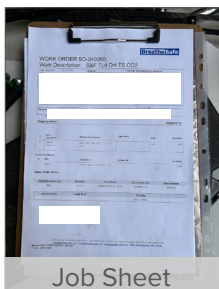
Note:
Fast-track this process by scanning the QR code supplied with your kit.

Step Five:

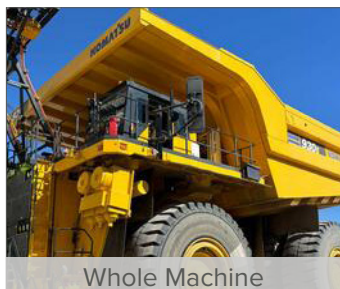
Upload the following required commissioning images:

- Job Sheet with Receiver's Signature
- Whole Machine (Showing Pressuriser)
- Mounted Pressuriser
- Return Air Filter Label
- Return Air Filter Installation
- Pressure Test Result
- Actual Pressure and Motor Load
- Commissioning Sticker
- Machine S/N Plate
- Engine Hours / Odometer

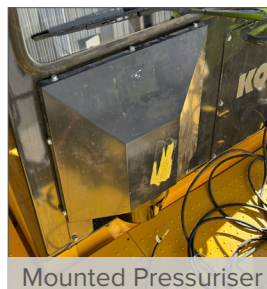
Image Examples: (duplicate + re-used images are **NOT** accepted):



Job Sheet



Whole Machine



Mounted Pressuriser



RAF Label



RAF Installation



Pressure Test Result



Actual Pressure + Motor



Comm Sticker



S/N Plate



Odometer/Hours

Step Six:

Fill in the BreatheSafe service tag with the following details:

- Machine serial number and installers details
- Date installed and "Full-Speed Test" result (max cabin pressure)
- The set cabin pressure with actual pressure and motor percentage output
- Verify the 250 pascal threshold was achieved = pass OR not achieved = fail**

Please upload machine and installation details in conjunction with the required images. A Commissioning Certificate will be sent to the email address you nominate. **Extended warranty for (RS20 & ISO 23875) BreatheSafe systems is only applicable to operator enclosures meeting this requirement.