Commissioning Guide OnGuard[™] Controller

BreatheSafe

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.

Pressure: +50 Pa Motor: 21% CO; 854 pm (*) PM,: 2.1 µ/m3 TWA PM,; 1.5 µ/m3 WA PM,; 1.5 µ/m3

After powering up, installer

must assign a vehicle ID.

Note:

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

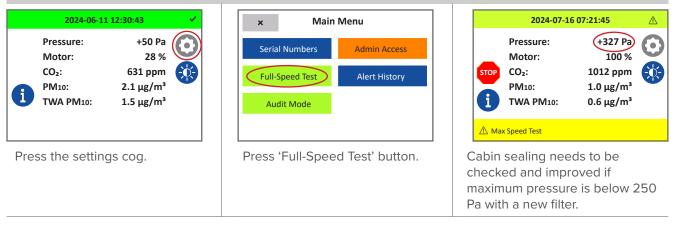
Step Two:

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.





- 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	l Unit				Retrieve OnGuard Main Unit and Sensor serial numbers. This can be do
Software Release	2021-02-02				Retireve Official a Main Offic and Sensor senal numbers. This can be do
OnGuard Hardware Type					the UI or via the web interface.
OnGuard Serial Nr.	4				
Vehicle/Installation ID					
Vehicle/Installation Type	multizone				
Vehicle/Installation Serial Nr.					
Configured Options	Pressuriser Control,	Display, CO:	and PM Ser	nsors, Sensor Zones	
	Connection Type	Status	IP Addres	s	
Network Connections	WiFi Access Point	t Down			
	WiFi Client	Up	10.60.60	72	
	Туре	Serial Nr.	ID Tag	Zone Assignment	Ensure you are wearing the correct P
Connected Accessories	CO ₂ /PM Sensor	18	ontop	Breathing Zone	
	COJ/PM Sensor	19		Return Air Zone	
	Display Pod	2		N/A	

BreatheSaf

Whole Machine (showing Pressuriser) Choose File No file chosen

Return Air Filter Installation Choose File No file ch

Pressure Test Result

Choose File No file cho

Commissioning Sticker

Choose File No file choser

Engine Hours/Odometer

Choose File No file choser

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:
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Upload the following required commissioning images:

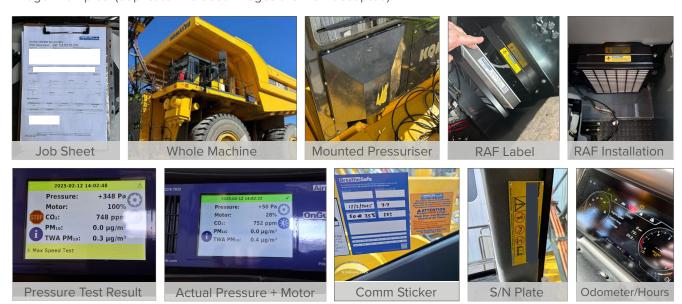
- Job Sheet with Receiver's Signature
- Whole Machine (Showing Pressuriser)
- Mounted Pressuriser
- Return Air Filter Label ٠
- . Return Air Filter Installation
- Pressure Test Result
- . Actual Pressure and Motor Load
- Commissioning Sticker
- Machine S/N Plate .
- Engine Hours / Odometer

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Extra Photos

Choose Files No file chosen Extra Photos will not be included on the certificate

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



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.

