



Bulletin

Bulletin No. 2025011

DATE: April 30, 2025
TO: Authorized ANSUL® Vehicle System Distributors
FROM: Johnson Controls Fire Suppression Product Management - Vehicle Systems
SUBJECT: Vehicle Systems Product Safety Alert – PAD count reduction

In 2023, when the CHECKFIRE 210-D was released, the maximum number of specified PADs for the CHECKFIRE 210 system was reduced from 10 to 8. This Product Safety Advisory is to inform customers that have CHECKFIRE 210 vehicle system installations that pre-date this change that any such systems with 9 or 10 PADs should be retrofitted to reduce the maximum number of PADs to 8, ensuring that intended system functionality continues to be met.

While the original CHECKFIRE210 system successfully passed regulatory approval testing with up to 10 PADS and has a history of successful operation over its 10 years of availability, we have identified a potential risk that systems with more than 8 PADS could experience a failure to release by one or more PADS. While we are not aware of any instances where a CHECKFIRE 210 system installed in the field with 9 or 10 PADs failed to perform in accordance with its specifications, out of an abundance of caution, we are advising that such systems should be retrofitted as described in this Product Safety Alert during the vehicle's next regularly scheduled maintenance.

There are a few options for system design and updates that can be made to accommodate the reduction in the maximum number of PADs. In all cases, an affidavit is required to be completed and returned to the Warranty team prior to receiving reimbursement or materials.

1. Review the FRA against the newest design and system limitations for LVS NF-40 and review if all 10 tanks are still needed to protect the machine. It is feasible that with the increase in fire suppression and cooling performance, the number of tanks needed could be reduced. A reimbursement credit of USD \$150 will be issued to the authorized ANSUL vehicle system distributor performing the review and removal of tanks and PADs after receipt and confirmation of a properly completed affidavit.
2. Remove 3 of the PADs from the agent containers and add a pneumatic “booster” cartridge. The 3 PADs would be replaced by 1 PAD, on the pneumatic cartridge, which would pneumatically open the expellant gas cartridge at the agent containers. This will allow the system functionality to be met, albeit with a loss of visibility to the release notification directly at the agent container. A reimbursement credit of USD \$150 will be issued to the authorized ANSUL vehicle system distributor adding the pneumatic cartridge and associated materials after receipt and confirmation of a properly completed affidavit. Materials required will be provided free of charge, or alternatively if the materials are already in your stock, after submission of an itemized list a credit will be issued for the materials used.

Main Telephone Number: +1-800-862-6785 or +1-715-735-7415

Customer ServicesPress 2
Training ServicesPress 6

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One Stanton Street
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www.ansul.com

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3. In cases where the customer requires PAD and release notification at each agent container, we recommend adding an additional CHECKFIRE 210-D controller to the mobile equipment. Approval from the Warranty team of estimated labor and materials charges is required prior to completing the remediation to ensure reimbursement.

Please contact your regional technical support team for support in updating design requirements and fspprogram@jci.com for reimbursement and/or materials utilizing the affidavit provided to support the change as part of this update.

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ANSUL® Vehicle System Vehicle Systems Product Safety Alert PAD count reduction

Affidavit/Verification Form

This form is to be completed and sent to fspfieldprogram@jci.com to receive credit for labor to reduce the number of PADs on vehicles with 9 or 10 PADs currently installed according to **Product Safety Advisory 2025011 - Vehicle Systems Product Safety Alert – PAD count reduction**

Failure to provide the necessary information may impact our ability to accept the form.

Vehicle Make, Model and Year	
Vehicle Number	
Vehicle Location Name	
Location of vehicle (City, State)	
Number of PADs on vehicle prior to remediation	
Remediation (1-Reduce # of tanks, 2- add pneumatic cartridge, 3-add 210-D ICM)	
Remediation 2 &3 - Materials List completed? (Next Page)	
Remediation 3 only - Estimate of labor	

I declare that, to the best of my knowledge and belief, the information herein (including in the attached Materials List) is true, correct and complete.

ANSUL Distributor Number: _____

Distributor Name: _____

Contact Name/Email: _____

Signature: _____

Please contact fspfieldprogram@jci.com with questions.



ANSUL® Vehicle System

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PAD count reduction

Affidavit/Verification Form (Page 2)

Material List

List all materials used or required to remediate the system.

Material	Quantity used from existing stock (requesting credit)	Quantity requesting to be shipped FOC
LT20R – 448544		
LT20R – 448546		
Brass Caps – 440076		
Safety Vent – 015677		
210D ICM - A16381C9PL		
Hose (Length, cost)		
Fittings (Description, cost)		