

Bulletin

#07-41K

Date: August 7, 2007
To: All Engineered Kidde Fire Systems Distributors
From: Patrick Sullivan, Product Manager, Clean Agent Systems
Subject: Discharge Heads, P/Ns WK-872450-000 & 81-872442-000

IMPORTANT SAFETY NOTICE!
PLEASE READ AND ACT IMMEDIATELY!

Kidde Fire Systems received a report of two (2) discharge heads missing the internal stop check. The discharge heads in question (P/Ns WK-872450-000 & 81-872442-000) are used with either CO2 or N2 cylinders (marine or ADS applications). The internal stop check prevents discharged gas from flowing out of the bottom of the discharge head when the discharge head is disconnected from a cylinder but remains connected to the CO2 or N2 manifold (for example, when testing or servicing the system). The lack of a stop check may present a safety risk during the commissioning or service of a CO2 or N2 system. If the discharge head is disconnected from a cylinder but remains connected to the CO2 or N2 manifold and the system is activated, CO2 or N2 will be discharged out of the discharge head, presenting a risk of injury. The lack of a stop check will not impact functional reliability, as the absence of a stop check will not affect discharge if the discharge head is connected to the cylinder when the system is activated.

Kidde Fire Systems requests distributors to take the following actions:

- (1) Immediately check your existing stock of discharge heads to assure the stop check is present in each discharge head. Do not install any discharge heads that are missing a stop check.
- (2) In accordance with the instructions attached to this bulletin, inspect and verify the presence of a stop check in each discharge head in an installed system prior to any service or testing. If you determine the absence of a stop check in any discharge head, do not conduct service or testing until the discharge head has been replaced. Replace any discharge heads that do not include a stop check.

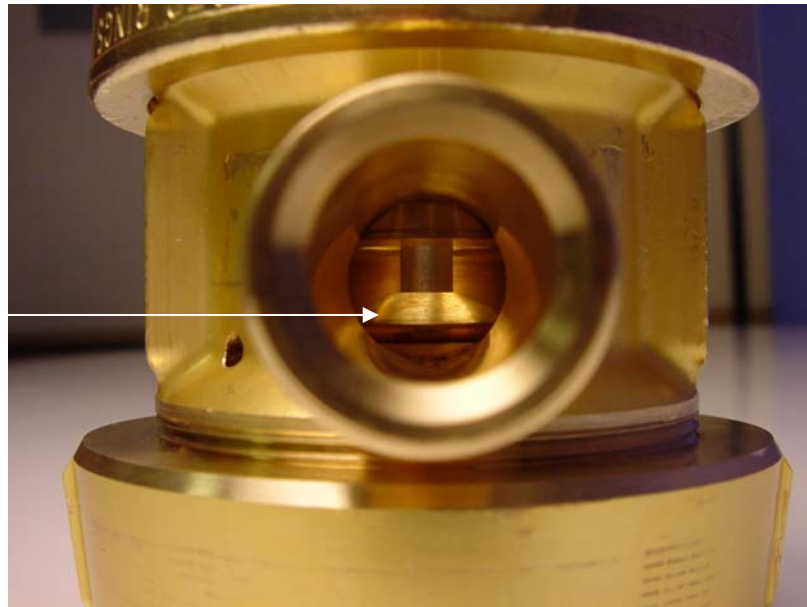
Kidde Fire Systems will provide return authorization and credit for the return of any discharge head that is missing the stop check. Please refer to the attached pictures illustrating both a properly assembled discharge head, and an incorrectly assembled discharge head missing the stop check. When disconnecting cylinders, please refer to the applicable manual section for safe removal of cylinders. If you have any questions, please contact technical support at 866-237-2531 or 508-881-2000 x 2964.

Kidde Fire Systems apologizes for any inconvenience caused by this request; however, we are certain that safety is as important to our distributors as it is to us.

We thank you for your continued business.

Example Photos of Properly Assembled Discharge Head

**Stop Check
At full up travel**



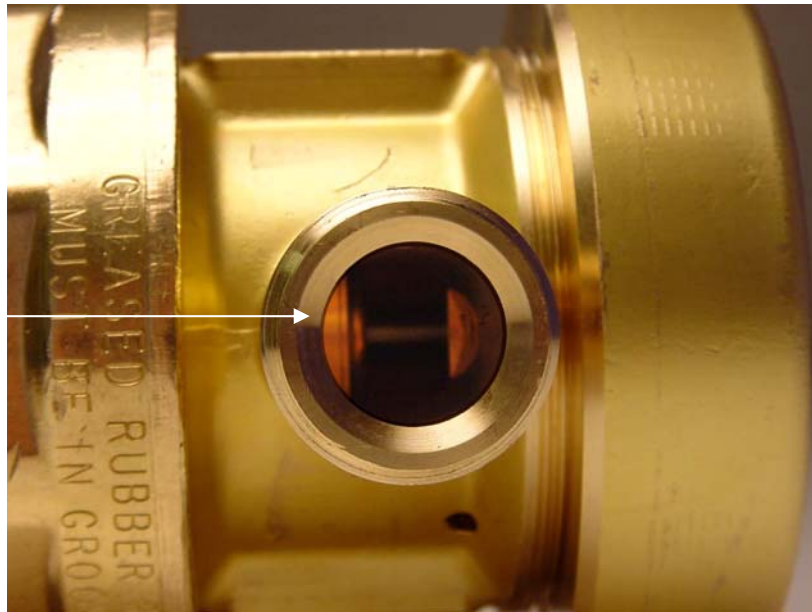
**Stop Check
At mid travel**



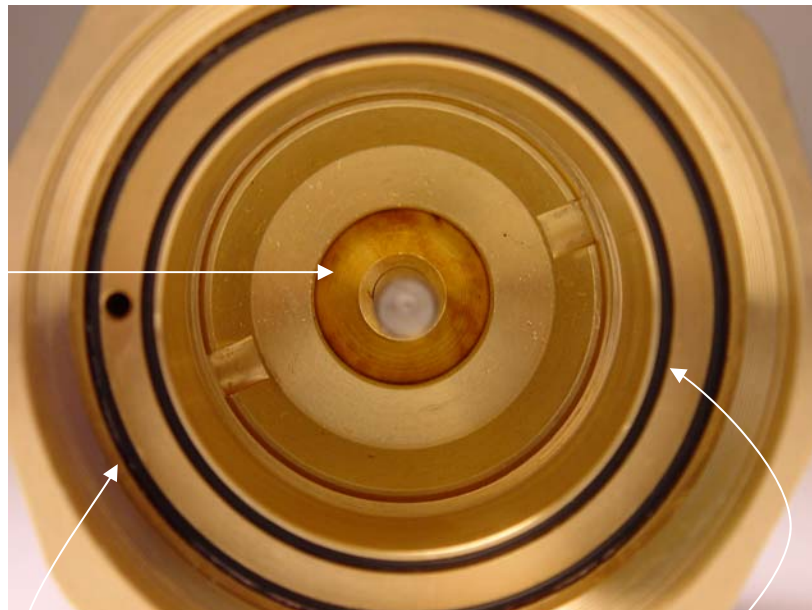
Example Photos of Properly Assembled Discharge Head

**Stop Check
At rest**

**Note raised
machined surface**



**Stop Check
At rest**

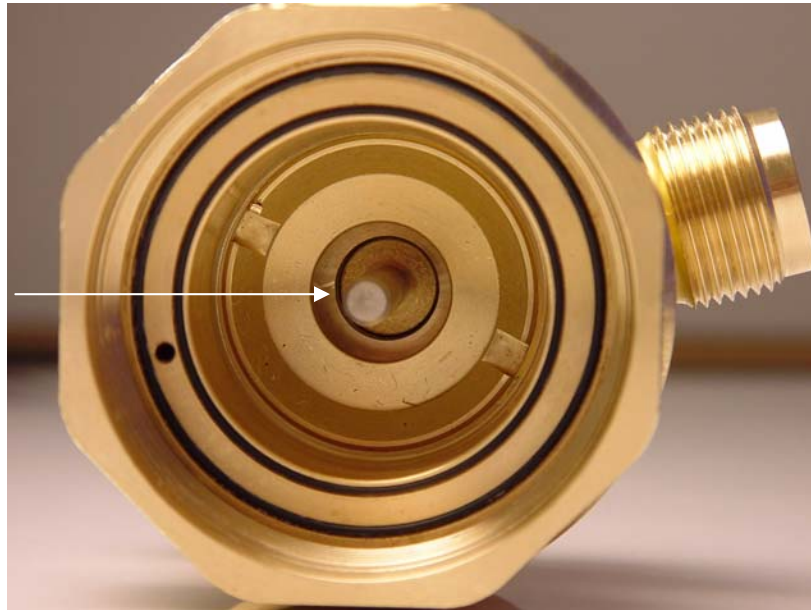


**Always verify that the
inner and outer o-rings
are in place.**

**While turning the discharge head upside down, listen to
hear the stop check hit against the housing.**

Example Photos of Incorrectly Assembled Discharge Head

Missing Stop
Check



Missing Stop
Check
Note flat surface

