



PRODUCT CAUTION NOTICE



PRODUCTS

This JFD product caution notice applies to the following equipment supplied by JFD

B1562A	DISPOSABLE CARTRIDGE SET, GASMIZER
B1591A	DISPOSABLE CARTRIDGE SET, GASPURE
B1563	DISPOSABLE CARTRIDGE SET, AIR FILTER SYS, 2 SETS BO
B1564	GASPURE CO CATALYST CARTRIDGE

JFD has issued this Product Caution Notice to inform you of a potential safety issue with commercial diving equipment manufactured / supplied by JFD. JFD records indicate that this product has been provided to your organisation.

This product caution notice is issued to all JFD customers who have procured any of the equipment listed above. JFD are aware of a potential safety issue and are advising our customers and end users that all stock of this item requires inspection before use.

REPORTED NON-CONFORMANCE

A manufacturing defect has been identified with a batch of the components used for the bottom nozzle of the cartridge. Some of these nozzles are misshapen and will not correctly seal the disposable cartridge into the stainless steel pressure housing. This will lead to a certain amount of the non-treated gas bypassing the cartridge and not being subject to the treatment provided by the chemicals within the cartridge.



JFD ACTIONS TO DATE

1. Disposable Cartridge production has ceased until the existing stock of the nozzle component have been re-inspected.
2. The JFD Goods Inward inspection level for this component has been raised from 25% to 100%.

PRODUCT CAUTION NOTICE



JFD recommends that all Disposable Cartridges are subjected to the following inspection before use:

Pre-use inspection:

1. Visually inspect the nozzle on each cartridge to check for damage similar to that shown in Figure 1.
2. Grip the nozzle between the thumb and forefinger and rotate the cartridge to check for flat spots, out of roundness and any other damage missed during the visual inspection.
3. Using suitable digital callipers, check the OD of the nozzle is 20.7mm / 20.6mm as shown in Figure 2. A number of different diameter measurements should be taken to confirm the roundness of the nozzle.

Possible indication of damage during use:

1. For B1562A only :- a higher than expected CO₂ level in the post scrubber gas sample, immediately after cartridge change, may indicate gas bypassing the cartridge.

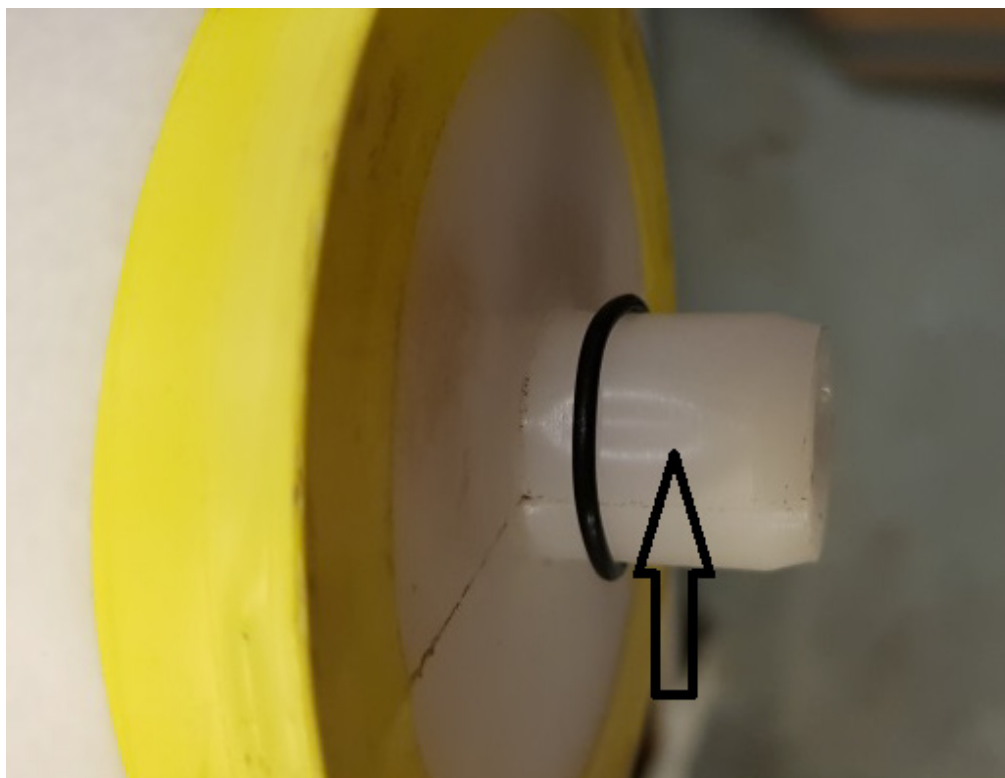


Figure 1 - Example of damage

PRODUCT CAUTION NOTICE

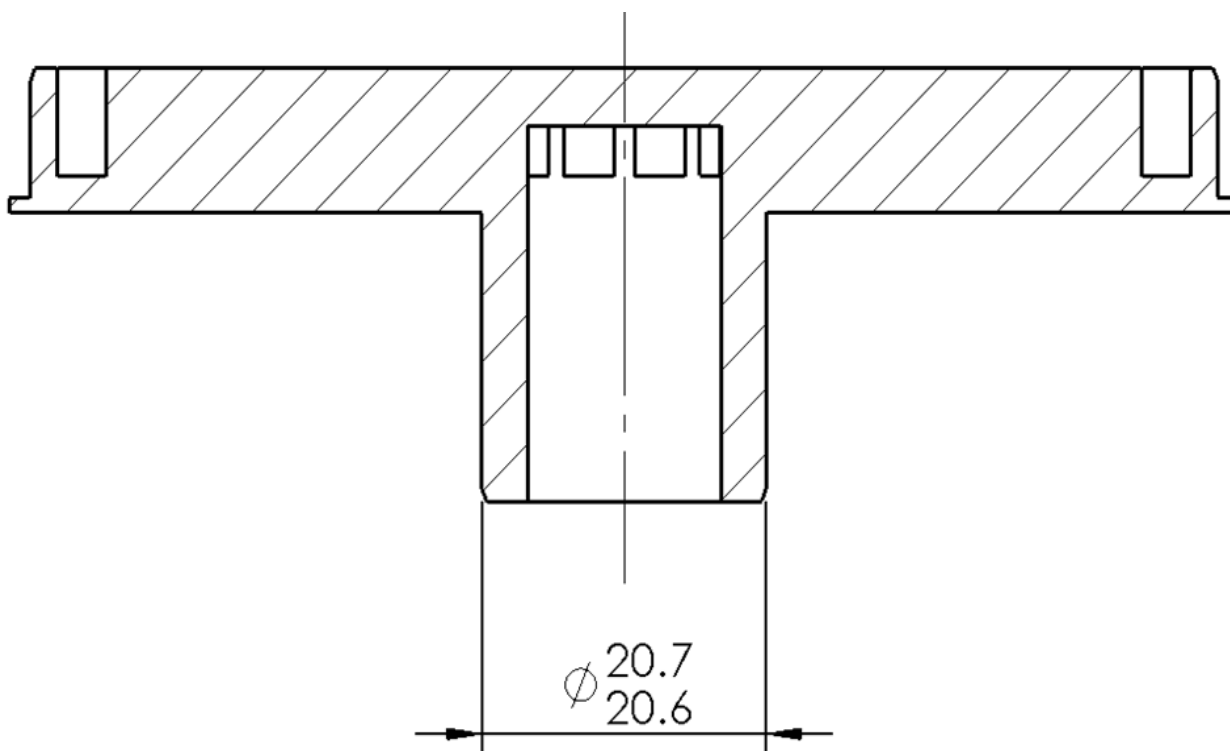


Figure 2 - Dimension of Nozzle

DAMAGED CARTRIDGE

Any unit which is found or suspected to be defective should not be used and should be returned to JFD for replacement.

Any item of which the user is unsure of its suitability can be returned to JFD for assessment.

If you have any queries or need any additional information please contact our Sales office at sales@jfdglobal.com