



ADVISORY NOTICE

Background

As COBRA use becomes more widespread, JFD will continue to issue guidance on the use of this product.



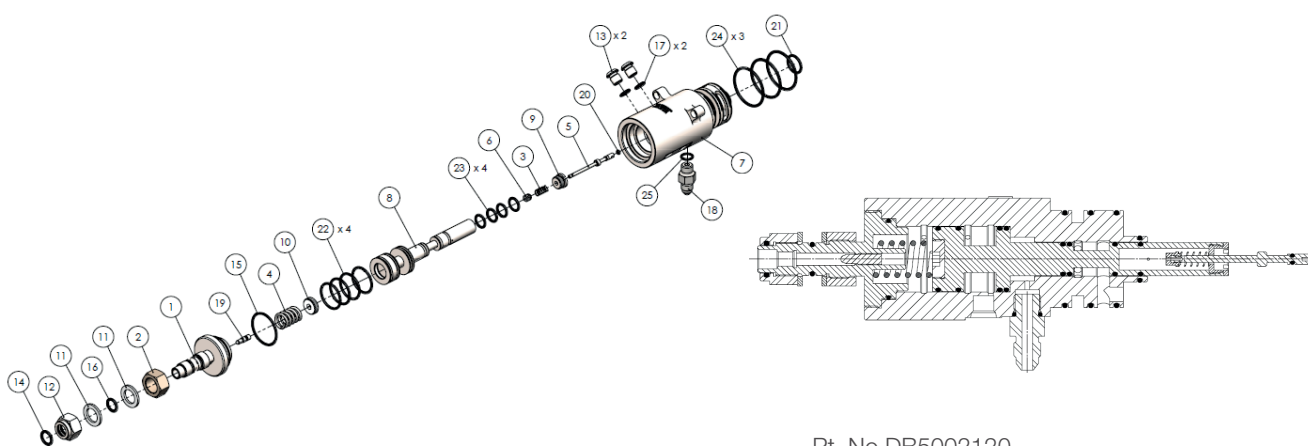
ISSUE

Sustained use of COBRA by some of our clients has highlighted the need to specify a shorter service interval for the COBRA piston assembly. Although it has not been highlighted as a problem to date, moderate wear has been noticed on the moving o-rings inside the COBRA piston assembly (pt. no. DB5002120) within the annual service interval.



SOLUTION

JFD therefore recommend that the COBRA piston assembly is stripped, cleaned and inspected quarterly.



Pt. No. DB5002120

See figure 1. Items 22, JFD pt. no. RN021-7 (x4) and 23, JFD pt. no. RN0905-7 (x4) should be replaced. Any other worn or damaged o-rings should also be replaced at this time. These items should be lightly greased with Christolube prior to installation.

After re-assembly of the piston unit and re-fitting to the COBRA set, the COBRA set should be subjected to the normal bench tests to prove proper operation.



ISSUE

JFD wishes to remind all clients to ensure that the Splitter Block assembly JFD pt. no. D2665 or DB5002501 is used to limit the pressure and flow of hot water delivered to the COBRA set. The hot water system on the COBRA set is designed for a reasonably small flow of hot water. The Splitter Block and the recently improved PRV together will limit the flow and pressure in the COBRA hot water system to an acceptable level for hot water umbilical flows of up to 50 L/min.



SOLUTION

Users must ensure that the JFD Splitter Block (pt. no. D2665 or DB5002501) is used to divert the correct amount of hot water to the COBRA set.

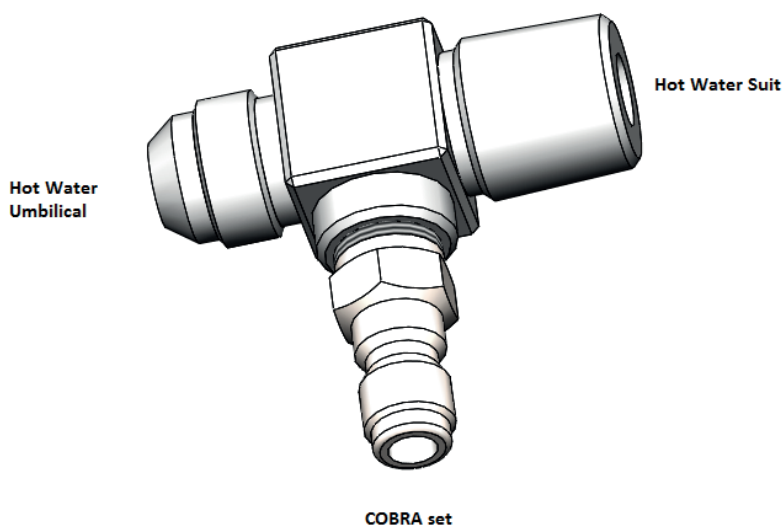


Figure 2 - Hot Water Splitter Block part number D2665 or DB5002501



ISSUE

As users become more familiar with the COBRA system, there have been reports of divers trying to fix minor issues whilst in the water.



SOLUTION

Whilst well intentioned, this activity has the potential to cause a larger problem. JFD recommend that the diver returns to the bell to perform even minor fault finding.