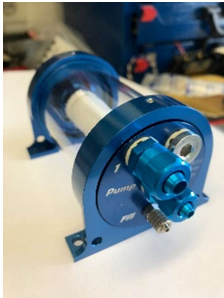


Digitech Ultimate Air trap



SERVICE MANUAL / USER MANUAL

Tech details :

Air-trap Max 2 tanks

High-flow max 1500ML per minute

Volume 180ML

Weight : 210 Grams incl Mounts and nipples

7076 Aluminum / Hard Anodized.

Fill thru 4mm / M7

Flow connections G1/8 Thread

Glass Tube Acryl

Max pressure 6BAR / 87PSI

WARNING !! do NOT pressurize without eye protection

WARNING!! Do NOT pressurize if glass is scratched!

TOOLS NEEDED FOR ASSEMBLY :

7mm Wrench

13MM Socket

Allen Key 6MM

Allen key 1.5mm

Lubricant or Teflon grease

Package contains :

Glass Acryl

Endcap

Assembled Front piece with fuel strainer

2 x O-ring / 2 x brass nipple G1/8. / 1 x Stainless steel M7-4mm Compression nipple.

2 x M3 Allen screws / 2 x Clamps for the UAT (not shown on foto)

ASSEMBLY OF THE AIR TRAP :

Lubricate or Grease both o-rings and put them as shown on pictures.

Check glass for cracks!

Hand tight both endcaps

Mount nipples , Hand fasten! Fill up with fuel and check for leaks!!

First use / in case of Empty UAT:

Make sure there is some fuel left in the main tank(s)

Connect the air-trap , fill it up thru the fill Connection.

DRAIN the first minute of fuel Thru the Pump connection!! , hold the AIRTRAP in a angle of 45 degrees upwards , this will clear the Bubble trapped in the Internal strainer.

REPEAT the same in case of a complete Empty Air-trap.

MAKE SURE your fuel is clean! Best is to store your model with a FULL airtrap and dark stored.

The New UAT is a more developed version of the older UAT wich has done years of work , the older UAT by Digitech was first introduced in 2003 and saved many turbines from premature flame outs.

The “Magic Bag” takes care of a bubble free system , and does a great job filtering your fuel!.

There is NO need to use a fuel filter AFTER or BEFORE the UAT , the “BAG” filters anything out, it even stops algae entering your fuel system!.

The bag needs almost NO service , its guaranteed to filter about 500 gallons of fuel.

ALGAE if this is in your system , caused by bad Fuel , moisture entered in system. Mostly this is found in poor containers or at gas stations that don't sell a lot of fuel. If ALGAE is in your system we STRONGLY recommend to open the UAT , take out and dispose the bag and place a new one!.

Algae infects clean fuel very fast , so just flushing the system does NOT help!.

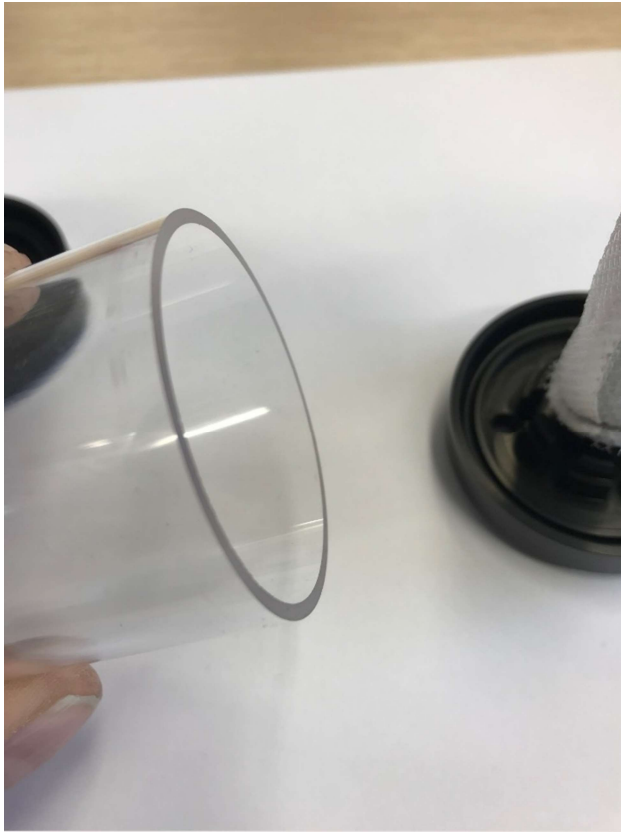
There is no magic bullet to eliminate the problem. A multi-disciplinary approach to fuel hygiene is the key to avoiding the inconvenience and cost of a contaminated fuel tank. Good fuel hygiene entails implementing a risk assessed “rigid housekeeping regime”. The risk of contamination is increased in hot, humid conditions, especially where fuel comes from a source that has fewer quality control checks.

Remember ! the UAT is not a magic item , it helps you save your aircraft from flaming out in case of some air entering the system , however it is NOT a security! . a good fuel deliverance system has NO bubbles in the UAT after a flight , however aerobatics can cause Air entering also.



Use Lubrication or Grease for the O-ring





Check edge of the glas for cracks.

Fasten By Hand!!



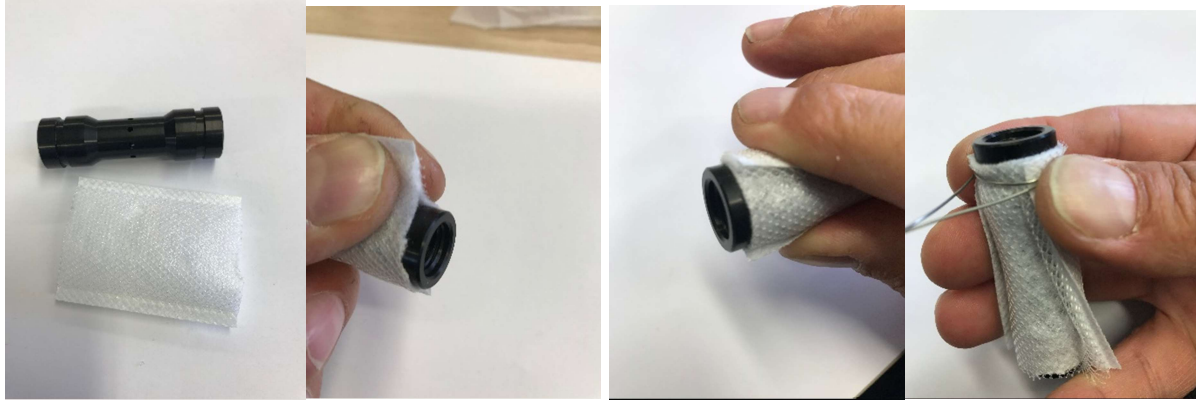
Use Seal and hand fasten it with the 13mm Socket! Do NOT overturn! / repeat the same step for the other Nipples.



“Magic Bag “ Replacement.

The Tube is mounted with locktite onto the front CAP , there is no need to remove it for service!.

Below you can see how the bag is correctly mounted.



© Digitech 2018 all rights wronged , all wronged reversed