

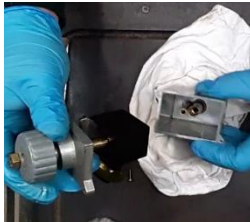
# Getting the most out of your Dickinson diesel appliance.



For trouble free operation out of the box we recommend you perform these steps when installing your new appliance and prior to first lighting each season.

## 1

Access the Dickinson Marine youtube channel and watch our [‘How to service your diesel valve in 5 minutes’](#) video OR follow the steps below.



Remove the 2 screws that hold the valve lid on and pull the lid and attached mechanism free.

Pull out the pin holding the float. Remove the plastic float and metal needle. Place the needle somewhere clean where it won't be lost or get dirty.



Pry off the black metal clip that holds on the spring and metering stem – use care; the spring is under tension and may become lost if not held in place during disassembly.

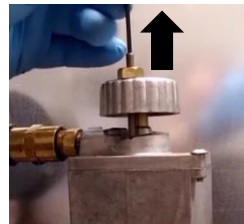
Use a Q-tip to polish out the seat mounted inside the valve lid (roll Q-tip between finger & thumb if it's too large to fit) **DO NOT USE SOLVENT OR CLEANER!**



Follow the above steps in reverse to reassemble the valve.

## 2

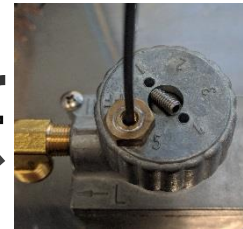
Once the valve mechanism is clean, watch [‘Adjusting the flowrate of your Dickinson valve’](#) OR follow the steps below.



Use a 5/64<sup>th</sup> Allen wrench to remove the small lock-screw from the brass fitting on the valve knob. Set the lock screw aside where it won't become lost.

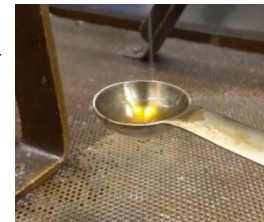
Using the same Allen wrench turn the now exposed set-screw in small 1/8 turn increments to adjust the fuel flow.

Turn counter clockwise to reduce fuel flow



Turn clockwise to increase fuel flow

Measure the fuel flow of your valve on setting #1. You should get 1 tsp of fuel in;



90 seconds (2D valve)

60 seconds (3D valve)

50 seconds (4D valve)

40 seconds (5D valve)

These identifying markings are stamped or etched onto the side of the valve above the overflow fitting.

## 3

If you've followed the steps in this guide and still require assistance please call **1-800-659-9768** or email [info@dickinsonmarine.com](mailto:info@dickinsonmarine.com) to schedule an over-the-phone technical service appointment. Technical assistance is available by appointment only.