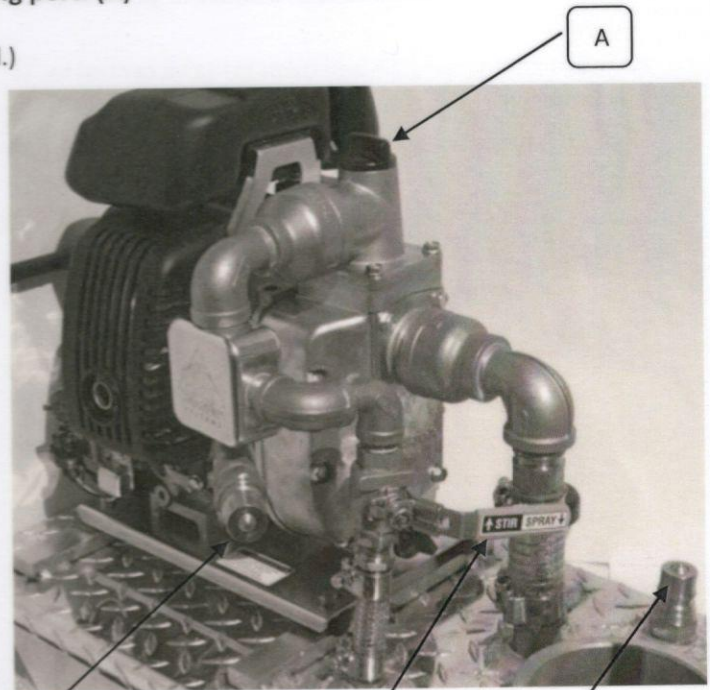




# MOTAK Pressurized Gel Delivery Operating Instructions

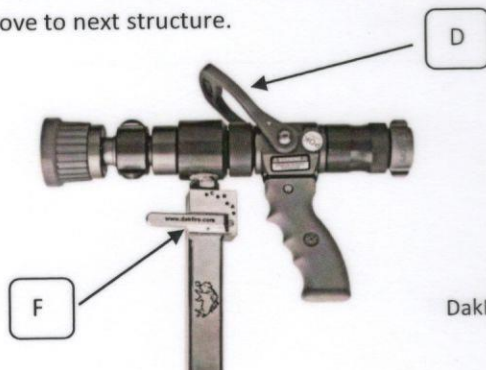
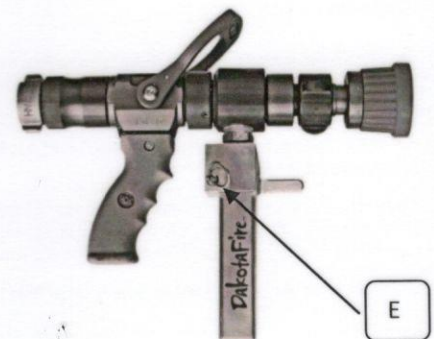
**Before First Use: Pour shaken gel concentrate into pump priming port. (A)**

1. Check engine oil and gasoline in pump. (Do not use mixed fuel.)
2. Open fuel shutoff valve on pump.
3. Ensure gel tank has adequate amount of gel concentrate.
  - a. To open tank lid, lower handles all the way down, turn slightly to break seal and lift. (The lid does not unscrew, it simply lifts off.)
  - b. Prior to adding gel to tank, invert and shake bucket.
4. Roll out water hose and connect to truck's water pump.
5. Connect water hose to gel nozzle.
6. Connect one end of gel line to pump discharge (B) and the other end to gel nozzle.
7. Turn red switch on gel pump to ON.
8. Set choke.
9. Set throttle to slow.
10. Ensure pump valve is in START position (Up). (C)
11. Pull rope to start.
12. Run pump up to full-throttle slowly. Once engine is warmed up, turn bypass valve to SPRAY position (Down) and begin spraying. (C)



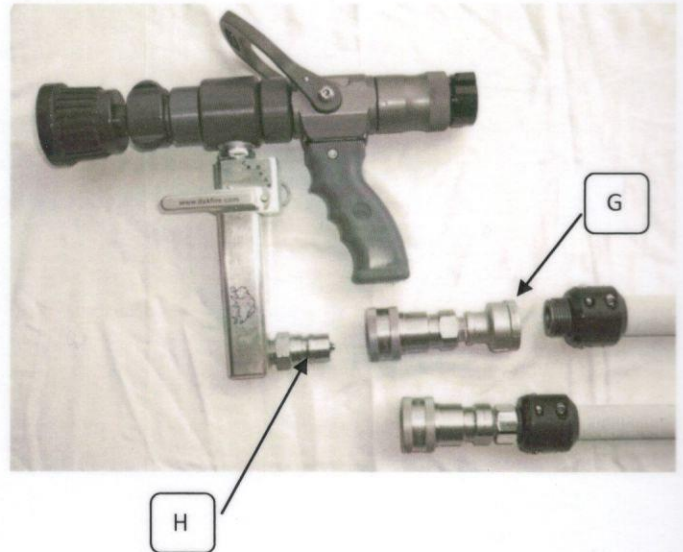
## Spraying Gel:

1. Turn on water supply and throttle pump to 130 PSI.
2. Open the water bail on the nozzle. (D)
3. Adjust nozzle to a 25° spray pattern.
4. Unlock the mixing valve by disengaging locking pin and turning halfway. (E)
5. Spray at ground and set gel valve control to desired consistency. (F)
6. Cover desired surface with 1/4" of gel/water mixture.
  - a. When it's white... it's right.
  - b. KEEP MOVING!!
7. When done spraying, turn gel valve (F) off and re-engage locking pin (E).
8. Close the water bail on the nozzle. (D)
9. Move to next structure.



### Clean-Up Procedure:

1. Turn red switch on gel pump to OFF.
2. Close fuel shutoff valve on pump.
3. Return pump valve to START position. (C)
4. Turn off water supply.
5. Make sure water bail is closed and disconnect both water and gel line from nozzle.
6. Attach clean-up adapter to 1" water line. (G)
7. Attach female coupler end of adapter to gel mixing valve. (H)
8. Disengage locking pin and open gel valve control to "C" setting. (F)
9. Turn on water supply and flush for one minute (approx. 50 PSI).
  - a. Rotate tip back and forth between stream & fog settings.
  - b. Wipe gel off end of nozzle with finger or brush.
10. Turn off water supply.
11. Disconnect clean-up adapter from 1" water line and gel valve. (G & H)
12. Tip nozzle up and depress spring release quick-connect nipple on gel mixing valve to allow water to drain from valve. (H) (Gel mixing valve must be OPEN.)
13. Turn gel valve (F) off and re-engage locking pin (E).



### Recirculation Procedure:

1. Connect one end of gel line to pump discharge (B) and other end into recirculation port on tank (J).
2. Turn pump valve (C) to SPRAY position and allow system to run for 15 minutes.

**NOTE: Gel system must be recirculated once a month.** Gel is stored in both the tank and the hose (gel line) as the system is "charged" with gel at all times. Consequently, both the tank and hose must be re-circulated as described above.

#### Limited Warranty

We warranty each new product sold by us to be free from manufacturing defects in normal service for a period of twelve (12) months commencing with shipment of the product from our facility. We make no other express warranties, and all implied warranties, including fitness and merchantability, are limited to one year from date of shipment by us.

Within the warranty period, we will repair or replace any part to be found defective upon our examination but will not pay shipping costs or other expenses. To obtain warranty service, write us at DakFire Systems, Inc., 8420 Alberta Dr, Rapid City, SD 57702, or call (605) 209-2958. Merchandise may not be returned without prior permission and must be returned to us with freight prepaid.

This warranty is an exclusive remedy and we are not responsible for any consequential or incidental damages or injury to person or property. This warranty shall not apply to any product which has been subject to misuse, negligence or accident, or been damaged in shipment, or which has been modified or repaired. This warranty only applies to products owned by persons purchasing directly from us or from our approved distributors and merchandisers.

Usage of any liquid/chemical in the system, other than the recommended gel concentrate (Thermo-Gel), will void this warranty.