

NOZZLE-AID™

SCREEN INSPECTION OPERATING INSTRUCTIONS

In order to inspect a nozzle screen using the **NOZZLE-AID™**, use the following simple directions:

WARNING

*Prior to using **NOZZLE-AID™**, the fuel operator must inspect and be wearing all Personal Protection Equipment required by OSHA and their employer for working with fuel.*

1. Close the hose shut-off valve on the fueling unit.
2. Connect the bonding cable to the **NOZZLE-AID™** ground lug.

WARNING

*Serious injury can occur if the **NOZZLE-AID™** is not bonded to the fueling unit.*

3. Engage the nozzle onto the **NOZZLE-AID™** bayonet adapter plate with a twist just like connecting to an aircraft.

WARNING

The fuel operator must verify that the fuel hose is not under active pressure prior to opening the fuel nozzle poppet valve. Serious injury and spillage can occur if the hose is under active pressure.

4. Open the poppet valve on the nozzle and drain fuel from the nozzle and a portion of the hose directly into the **NOZZLE-AID™** with little or no splash. This prevents spillage when separating the hose from the nozzle. With fuel completely contained, it is safe to begin work on the nozzle and quick coupling.
5. Cut the safety wire from the safety collar screws and remove the wire.
6. Loosen the safety collar screws and remove the retaining ring.
7. Stand on the base of the **NOZZLE-AID™** and pull back on the safety collar. The nozzle will easily separate from the hose.
8. Remove the nozzle screen, inspect as required by regulations, replace if necessary and re-insert screen into the nozzle body.
9. Reconnect the hose and nozzle at the quick coupler.
10. Push the safety collar forward and re-engage the coupler.
11. Replace the retaining ring and tighten the safety collar screws.
12. Re-install safety wire in the safety collar screws.
13. Close the nozzle poppet valve and disconnect the nozzle from **NOZZLE-AID™**.
14. Disconnect the ground cable from **NOZZLE-AID™**.
15. Discard waste fuel in an approved manner.

NOZZLE-AID™

HOSE REPLACEMENT OPERATING INSTRUCTIONS

In order to replace a truck fueling hose using the **NOZZLE-AID™**, use the following simple directions:

WARNING

*Prior to using **NOZZLE-AID™**, the fuel operator must inspect and be wearing all Personal Protection Equipment required by OSHA and their employer for working with fuel.*

1. Close the hose shut-off valve on the fueling unit.
2. Connect the bonding cable to the **NOZZLE-AID™** ground lug.

WARNING

*Serious injury can occur if the **NOZZLE-AID™** is not bonded to the fueling unit.*

3. Engage the nozzle onto the **NOZZLE-AID™** bayonet adapter plate with a twist just like connecting to an aircraft.

WARNING

The fuel operator must verify that the fuel hose is not under active positive pressure prior to opening the fuel nozzle poppet valve. Serious injury and spillage can occur if the hose is under active pressure.

4. Open the hose shut-off valve on the fueling unit.
5. Place the truck in “defuel” mode and start the pump.
6. Open the poppet valve on the nozzle and the fuel within the hose will be emptied back into the refueller.
7. Close the poppet valve on the nozzle and shut down the pump.
8. Close the hose shut-off valve.
9. Unroll hose from hose reel and lay on the ground.
10. Open poppet valve on nozzle, lift the hose at the hose reel end and slowly walk the hose back towards **NOZZLE-AID™** to remove any remaining fuel in the hose.

WARNING

*The fuel operator must constantly watch the level of fuel draining into the **NOZZLE-AID™** container. If the fuel level gets too high, close the nozzle poppet valve immediately and empty the fuel from the container using steps 16 through 18. Once container is empty, start back at step 1 to continue.*

16. Once the hose has been drained, close the nozzle poppet valve and disconnect the nozzle from **NOZZLE-AID™**.
17. Disconnect the ground cable from **NOZZLE-AID™**.
18. Discard waste fuel in an approved manner.