



## WIGGINS REFUELING NOZZLE

**Completely redesigned for improved performance and maintainability**

The new Wiggins Refueling Nozzle ZZ9A1 is a total redesign. Improved valves, materials, and actuating mechanisms deliver increased durability and flow performance. Perhaps the most welcome new feature, **field maintainability**, will keep your Wiggins Refueling Nozzles on the job site for quick and easy upkeep as needed. Lightweight, tough, and easy to care for, these nozzles are ready to keep your fleet fueled and on the go!

**Aerospace composites & precision cast aluminum are at the heart of this simple design**

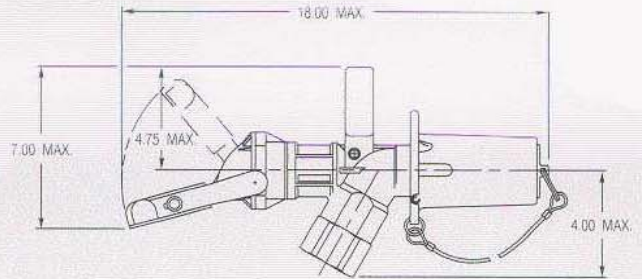
- Our new nozzle contains fewer than half of the components of its predecessor.
- We have replaced the delicate diaphragm with a **heavy duty piston seal**.
- Injection molding and die casting produces **superior quality** to you at a **lower cost**.

**Mates with your existing Wiggins system**

- This nozzle was designed for use with your current Wiggins system. Simply change out your ZZ9A nozzle with the ZZ9A1 and you are ready to take advantage of its many improvements with **no capital investment**.

**Field replaceable components allow you greater availability**

- Field replaceable dog-latching mechanism
- Field replaceable actuating ring mechanism
- Field replaceable wiper seal
- Field replaceable carrying handle



**Your Availability Will Increase with ZZ9A1**

Our field replaceable items will really be Field Replaceable, not requiring any flow tanks or complicated equipment.

**KR91- Actuating Assembly Replacement Kit**



Tools Required:  
Screw driver, pliers  
Time Required:  
3 min.  
(approximately)

**KR92- Latching Mechanism Replacement Kit**



Tools Required:  
Screw driver, pliers  
Time Required:  
3 min.  
(approximately)

**KR93- Housing Handle Replacement Kit**



Tools Required: 1/4" Allen wrench, 1/2" wrench  
Time Required:  
1 min.  
(approximately)

**Specifications**

Flow Rate	35 to 150 gpm
$\Delta P$	17 psi @ 125 gpm
Operating Pressure	25* to 125 psig
Weight	5.5 lbs.

\*The system will function below 25 psig. However, you may not achieve 150 gpm.

**Compatible Wiggins Receivers**



ZNC2A Receiver w/cap



ZNC3 Receiver w/cap



ZNC4 Receiver w/cap

Complete system components are described in Wiggins Service System Bulletin No. WSS-110. Please call for a free copy.

**Available from your Authorized Wiggins distributor:**

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