

Instructions

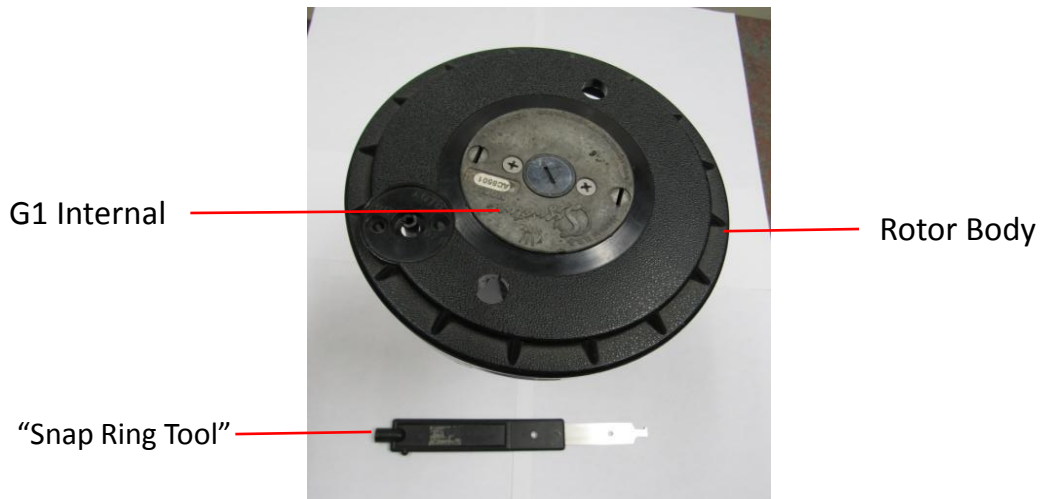


D1261 Kit Components

D1261 **FOR CONVERTING** **G1 INTERNAL TO G2**

www.SignatureControlSystems.com

Remove the G1 Internal Assembly



Using the "Snap Ring Tool" pull the internal assembly up by inserting the tool into the Snap Ring Access Hole and pulling up on the housing. Hold in place by hand.



Insert the Snap Ring Tool into the Snap Ring Window and pull the Snap Ring out of the groove in the body. You may need to do this to both Snap Ring Windows.



Remove the G1 internal assembly and place upon a clean surface, free of dirt and debris



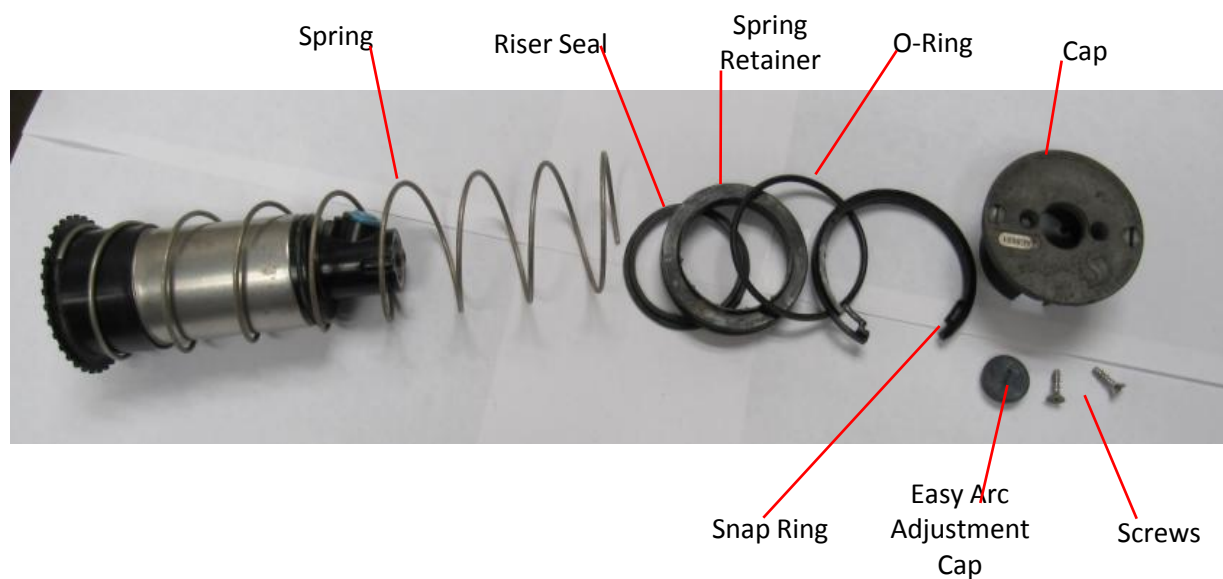
Top View



Bottom View

Using the Phillips head and flat head screw drivers, remove the component parts of the G1 internal assembly.

Holding the cap down, remove the two screws. Let the cap and spring up slowly.



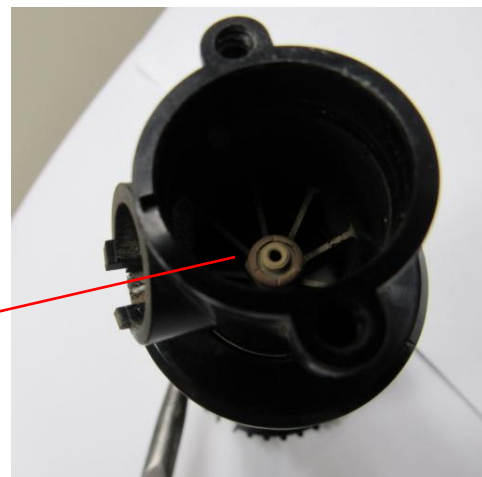


Removed old parts



Remove locking nut with socket wrench or needle nose pliers while holding the nozzle base (top area) to keep from turning.

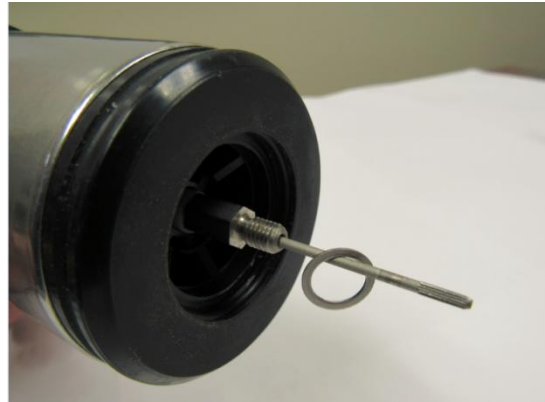
Lock nut in nozzle base





Installing G2 components:

Assemble on new steel washer between the riser and the nozzle base.



Assemble new lock nut, shown on right side with machined lip. The machined lip goes down onto the threads



New nut
(Top view)



New nut
(bottom view
with machined lip)

Old nut

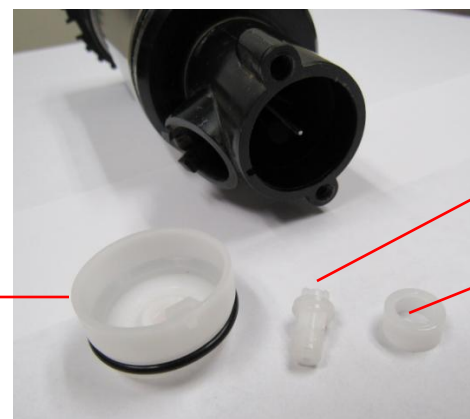
Install Hub, Hub parts and nozzle pushing them into place by hand, with needle nose pliers, by using the snap ring tool or by using a socket on the round parts. The Hub needs to fit into a slot and is pushed down flush to the top of the nozzle base. The shaft cap goes on over the center shaft and is pushed down tight. The retainer gets pushed on last and needs to snap in place.



Riser

Nozzle base

Lock Nut



Hub

Shaft cap

Retainer



Push hub into
nozzle base



Push Shaft
Cap down

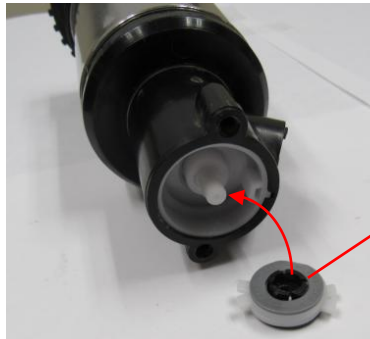
Add retainer



Retainer snaps
into place



Install arc adjust assembly by pressing it in by hand. Grey side up is for part circle adjustment and the back side up is for 360 degree rotation. It needs to snap into place.



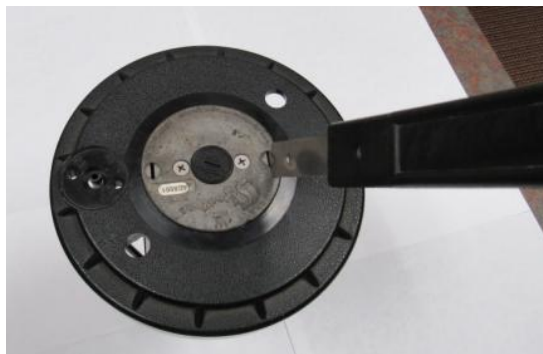
Arc Adjust
snaps into
place



Install the other components in the same order of removal. Hold the spring down while tightening the two screws on the cap.



Squeeze snap ring together to be held in place under the cap lip. Install G2 Internal back into body. Push down into place. Use tool through 2 slots on top of cap to push snap ring down and into body groove to lock in. Pull up internal to see that it is locked in place.



Open top cap and adjust the arc adjust as needed.



(Note: Components shown in this document could be of a different material or color compared to components in hand. The assembly concepts are the same.)

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