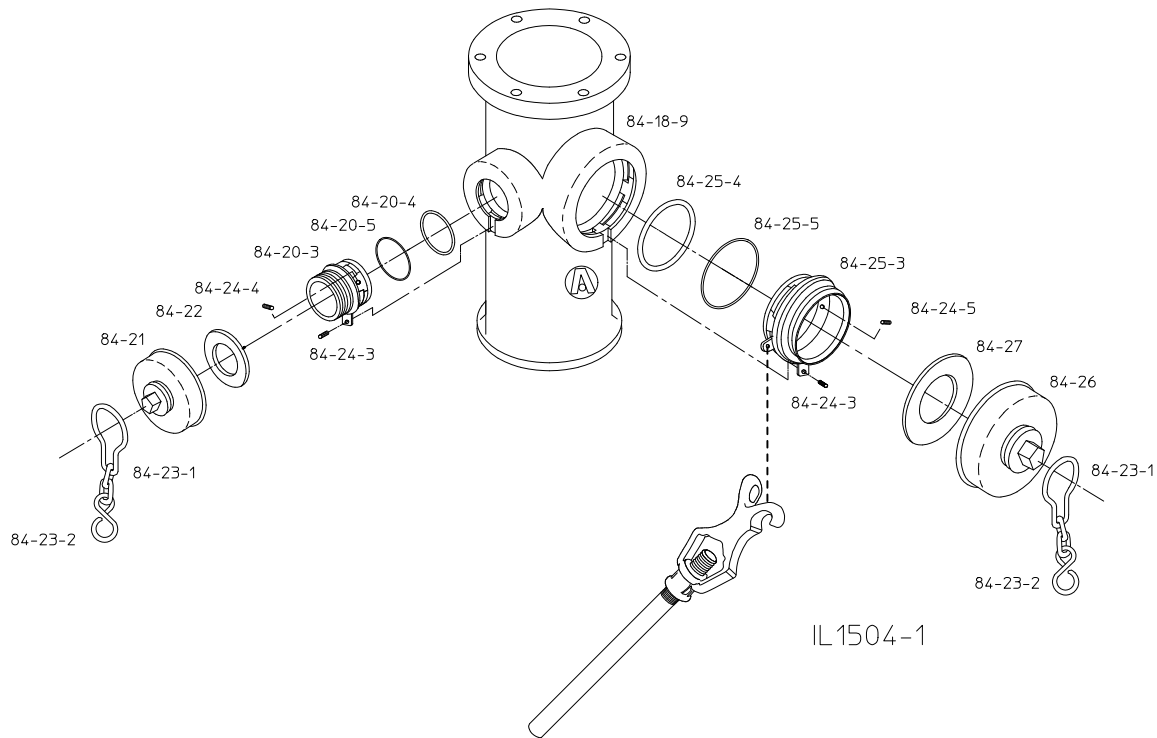


5-1/4" AMERICAN-DARLING® B-84-B AMLOK NOZZLE REPLACEMENT (FOR HYDRANTS BUILT PRIOR TO 2006)



[View Video](#)



Amlok Nozzle Replacement

WARNING: POTENTIAL HYDRANT CAP HAZARD. FAILURE TO RELIEVE PRESSURE CAN RESULT IN THE CAP BLOWING OFF, CAUSING SERIOUS INJURY OR DEATH. Make sure the auxiliary gate valve in the lateral between the main and the hydrant is closed and that the hydrant is not charged with pressure when removing caps.

Step 1

Remove the nozzle cap. Remove the 5/16 in. internal set screw (84-24-4 or 84-24-5) with a 5/32 in. hex head allen wrench. Unscrew the 5/16 in external slotted screw (84-24-3) out of the lug on the nozzle.

Step 2

Use a universal spanner wrench or AMERICAN Flow Control nozzle wrench to rotate nozzle 1/8 turn clockwise. The nozzle can now be pulled from the hydrant barrel.

Step 3

Remove O-ring gasket from the nozzle boss. Insert new O-ring and lubricate with food grade grease. Place the nozzle spacer O-ring (84-20-5) or (84-25-5) on the nozzle directly behind the nozzle collar. Place a small amount of lubricant on the plain end of the new nozzle.

Note: Where grease is specified, use an AMERICAN Flow Control recommended food grade grease.

Step 4

Insert the new nozzle into the hydrant barrel with the tapped lug at the 7:30 position. Push the nozzle home and rotate counterclockwise until the nozzle stops.

Step 5

Insert the 5/16 in. slotted nozzle set screw (84-24-3) into the tapped lug on the nozzle. Tighten the set screw into the slot on the hydrant barrel to remove any play in the nozzle. The top of the set screw should be flush with the surface of the nozzle lug.

Step 6

Start internal set screw (84-24-4) or (84-24-5) into the threaded hole inside the nozzle. Apply Loctite Thread Sealant #545 or equivalent to the external threads of the set screw. Continue to turn the set screw into the threaded hole with a 5/32 in. hex head allen wrench until it stops. DO NOT TIGHTEN. Replace the nozzle cap and hydrostatically test the hydrant.