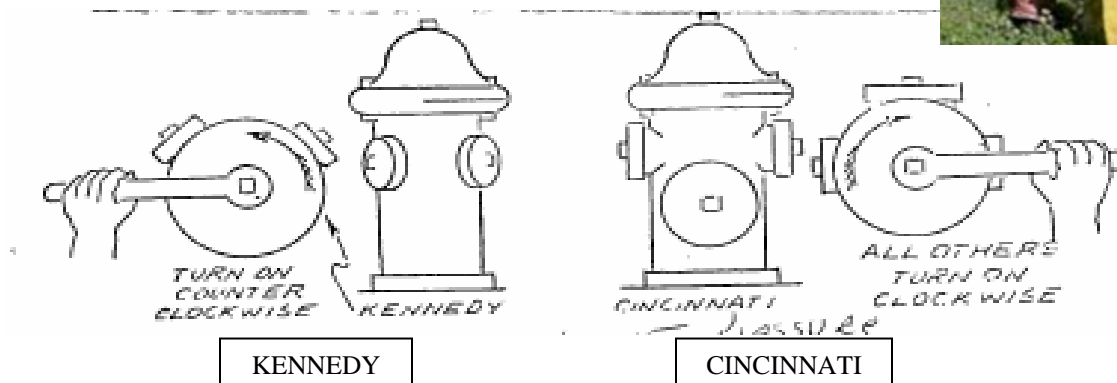
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TOPIC #3 USING HYDRANTS

HOW TO TURN ON A FIRE HYDRANT:

Stand at the rear of the hydrant (to avoid injury from hose/caps)

1. Grasp the end of the spanner in your right hand (left hand for Kennedy hydrants).
2. Place the spanner on the top nut.
3. Place your other hand over the spanner and the top nut.
4. Pull the spanner toward you.
5. When using a fire hydrant in an emergency situation, remember to turn hydrant on "**ALL THE WAY**"




HOW TO TURN OFF A FIRE HYDRANT:

1. *Stand at the rear of the hydrant (to avoid injury from hose/caps)*
2. Grasp the end of the spanner in your left hand (right hand for Kennedy hydrants).
3. Place the spanner on the top nut.
4. Place your other hand over the spanner and the top nut.
5. Pull the spanner toward you.
6. Remember to turn the hydrant off "ALL THE WAY".

NOTE:

1. All hydrants which are equipped with two-piece stems with breakaway couplings are subject to damage from jerking motion or long cheater bars. Any time these hydrants are operated, pressure should be applied evenly and without jerking. Never use a long cheater spanner on these hydrants. If they can't be shut off without the use of excessive pressure, report them as defective and they will be repaired.
2. When turning a high pressure hydrant (black bonnet), remember to turn it on or off slowly to prevent "water hammer".

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3. Some hydrants are equipped with locking nuts to prevent tampering. A special spanner is needed to operate these hydrants.

IF YOU DON'T KNOW WHICH WAY TO TURN – FOLLOW THE ARROW HYDRANT SPANNER WRENCHES

There are (2) types of spanners used in the CFD. The first is a regular spanner equipped with an end to fit a square nut, for most hydrants.



Regular Spanner (above)

The other spanners will operate hydrants equipped with a hydrant lock (picture right) specifically designed to reduce illegal use of the hydrant. They will also work on regular hydrants




Hydrant Lock Spanner (above)

USED ON HYDRANT
LOCKS (RIGHT)



Combination Spanner (right)



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MISC NOTES ON USING HYDRANTS

If, when turning on or off a fire hydrant, the top nut turns easily, an unlimited number of times, and no water flows, or if water is flowing and will not stop, the stem or top nut has been stripped. The Company Officer will be notified.

In this case, hydrants that open against the pressure such as Cincinnati or Kennedy will be taken out of service. Tests have indicated that hydrants being used in a defective condition as stated above can be closed while being used and cause the water supply to be suddenly shut off.

Hydrants that open with the pressure, when stripped, will be taken out of service if they do not give sufficient flow.