

Fire Hydrant Storz Adapters

July 14, 2022

General Information:

1. These dramatically decrease the amount of time it takes to attach a fire hose to the hydrant. It replaces the VFD adapter they have to install prior to attaching their hose and supplying water to the pumper truck.
2. There are two brands of Storz adapters installed on our hydrants, one is Fyrelane and the other Harrington. They both operate the same with caps that are removed and replaced the same.
3. The VFD is professionally skilled with the operation of these adapters.

Important Notes:

1. Most ever hydrant in our city is in need of maintenance for a variety of reasons, mostly for proper prep work and being repainted. City council has approved this maintenance to occur after the adapters were installed. A new color for all hydrants has previously been approved with help from the Fire Marshall.
2. **No part** of the Storz adapter should be painted. All parts are designed to provide function without paint. This includes some with the connecting cable that has built in reflectors for better recognition at night.
3. Our city's service provider for checking water chemical residual contents must have the proper tool for removing the adapter cap to avoid damaging the device. This tool is called a 'Storz Spanner'. The ears that project from the cap are for the tool to connect to while removing or replacing it. The ears are **not designed** to support any other way of loosening or tightening the cap. When replacing the cap only 4 light taps with the proper tool are needed to sufficiently secure the cap.
4. During installation of the adapters it was noticed several of the smaller traditional threaded caps on the hydrants were very loose and incorrectly tightened. There is a risk with a cap that is easily removed by hand. This allows the hydrant to be susceptible to vandalism or having foreign objects placed in them which interferes with their performance supplying water. Our city's service provider, as described in 3 above must retighten the caps properly. **The cap must be snug (unable to be removed by hand)** and not overtightened after every use of the hydrant for any reason.
5. If a hydrant ever needs to be removed the city needs to **properly remove** the adapter prior to the hydrant removal and save for reinstallation.