

Operations Training Bulletin

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Speed Swivel use for the FDC



If an incident requires hooking up to a FDC to pump a sprinkler/standpipe system, one of the issues we can run into is a missing brass swivel on the FDC. In practice, if the clapper valve of the FDC is functional, we can connect to only one side of the FDC using a 2.5" hose line and begin pumping, however this will reduce your pumping ability by 50%.

Ideally we would connect to both sides of the FDC with 2 x 2.5" hose line's, maximizing our pumping ability. To overcome a missing swivel on a FDC, we can use a *Speed Swivel* as shown below. Note, a double female 2.5" coupling **will not** overcome the problem as there are no threads on a FDC that is missing a brass swivel.

The *Speed Swivel* comes in 3 parts and should be stored this way to protect the device from damage.

- A. Thread Protector** is used to protect the female threads while not in use.
- B. Speed Swivel** main body has teeth and a sliding segment that will engage with the exposed groove on the FDC that is missing its brass swivel. When practiced, this connection can be made in less than 5 seconds.
- C. Base Plate** protects the sliding segment and reduces dust build up in the device while not in use.

Once the engineer has identified the need to use the *Speed Swivel*, **Part A** and **Part C** should be removed and stored safely. **Part B** (*Speed Swivel* main body) should be attached to the FDC, allowing the FDC to be pumped as normal.

The *Speed Swivel* should only need to be hand tight. See the **QR Code** below for more information.

If you don't have a *Speed Swivel* on your engine, contact resource management to have one sent to your station.

