



## **ENGINE COMPANY FRONT BUMPER LINE**

The RFD engine company bumper line (trash line) is 100' of 1 3/4" hose with a navy nozzle, connected to the front discharge wye. The current configuration is a flat load in the tray, which has a few downfalls. The first is inefficient deployment; it usually takes 2 people to deploy this (one walking away with the nozzle and the other pulling the hose out of the tray). It also requires the nozzleman to proceed almost the full 100' before charging the line. The second deficiency is inefficient repacking of the hose; it usually takes 2 people to repack the flat load in such a small tray. Finally, the many bends of a flat load in such a small compartment is not good for the life of the hose.

An alternate method of packing the bumper line has been researched and tried that hopefully eliminates all 3 of those downfalls.

Rolling two donut rolls and connecting them allows the hose to have a minimal number of hard bends. It also allows a quick and easy deployment as well as repacking.

While there's some flexibility in the "donut roll" packs, the method below is what was found to be a more efficient way to pack the front bumper line.

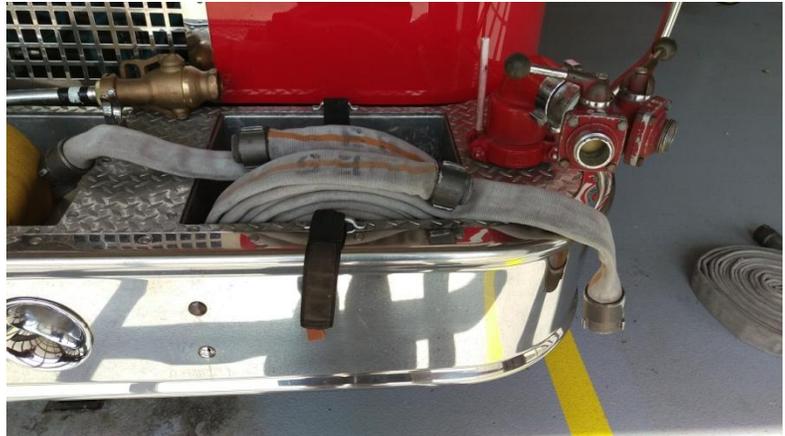
The load starts with two donut rolls with the female coupling on top, behind the male coupling.



**Load the donut rolls into the tray with the nozzle section in the rear, facing the nozzle.**



**The 2nd section gets loaded in the front, facing the wye.**



**Connect the front female to the wye. Connect the couplings in the middle and fold them into the middle of the donuts. Connect the rear male to the nozzle.**



**Rear nozzle mount setup**



**Front nozzle mount setup**



**For deployment, remove the front donut and place it on the ground.**



**Remove the rear donut and place it on the ground next to the front donut with the couplings in the middle. The nozzle can be held or moved to the ground also to facilitate deploying the hose from the tray.**



**Walking with the nozzle and middle coupling allows the line to deploy in a 'Z' fashion and be charged within 45-50' of the engine.**

