

Notes on Installation:

Use only silver solder to join tubing with the ferrules!

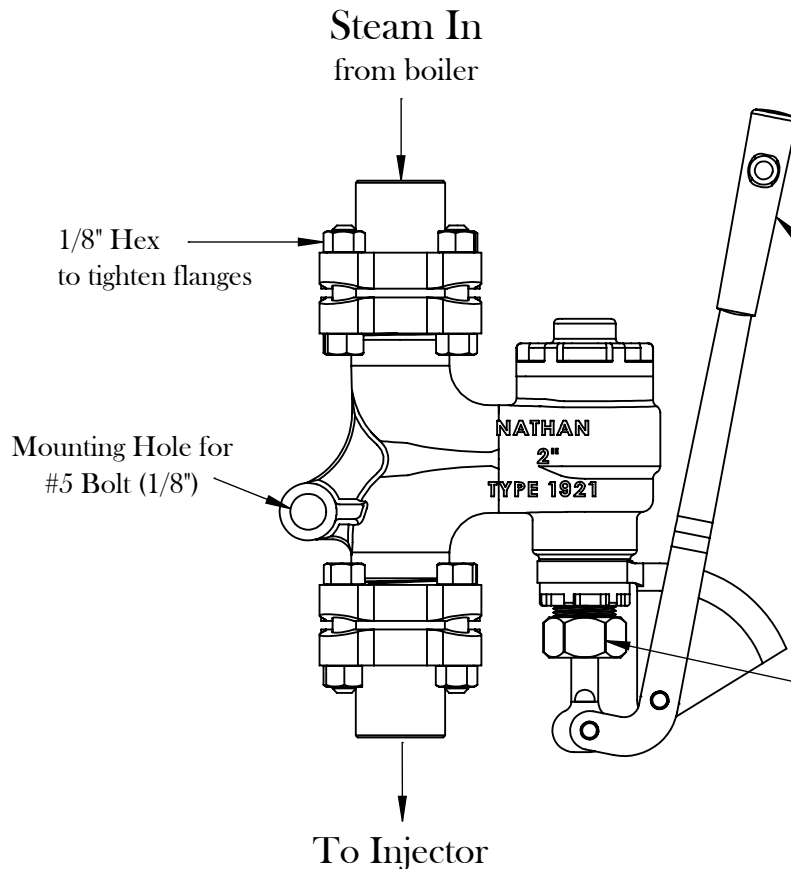
The valve body is constantly under pressure, so it is strongly recommended to have a main shutoff prior to the starter valve. This allows the valve to be isolated in the event of a failure of a solder joint, and it is also recommended to isolate the valve prior to a hydrostatic boiler test.

1/4" tubing can be silver soldered directly into the ferrule, or 5/16" tubing can be joined using the included adaptaters.

Notes on Operation:

The 1921 Starter Valve has a "priming position." This means the valve can be cracked open, allowing enough steam into the injector to cause it to draw in water. After the injector is primed, the valved can be opened fully to initiate operation of the injector. The 1921 can also be operated as a "quick start" valve by promptly opening the lever fully.

The valve stem packing nut controls the amount of resistance on the pull lever. This should be adjusted to your liking while in steam service with a 1/4" wrench. Having it tighter allows the handle to be left in any position on the quadrant.



Eccentric Engineer

TITLE:

Nathan 1921 Injector Starting Valve

SIZE	DWG. NO.	REV
A	Operational Info	
SCALE: 1:1	WEIGHT:	SHEET 1 OF 1

WARNING:

NEVER blow air or steam backwards through the valve! This can dislodge the O-ring seat. If this happens, the O-ring will usually find its way back by repeatedly opening and closing the lever. However, if it does not reseal, the cap and poppet must be removed to place the O-ring back in its seat.