

Baking Out the columns in the SRI Multiple Gas#5 GC April2021

The MultipleGas#5 GC configuration has a molecular sieve column (MS5A) and two Haysep D columns in the column oven.

The Haysep columns can be baked out in place at 270C. Do this first without making any changes. Be sure carrier gas is flowing and TCD current is OFF. Monitor the signal with the FID to see when column background becomes lower.

The MS5A column needs to be baked out at 310C overnite (with carrier flowing).

The Haysep Columns will melt at this temperature so they must be removed and the tubes from the valve plugged with a Swagelok cap fitting or equivalent.

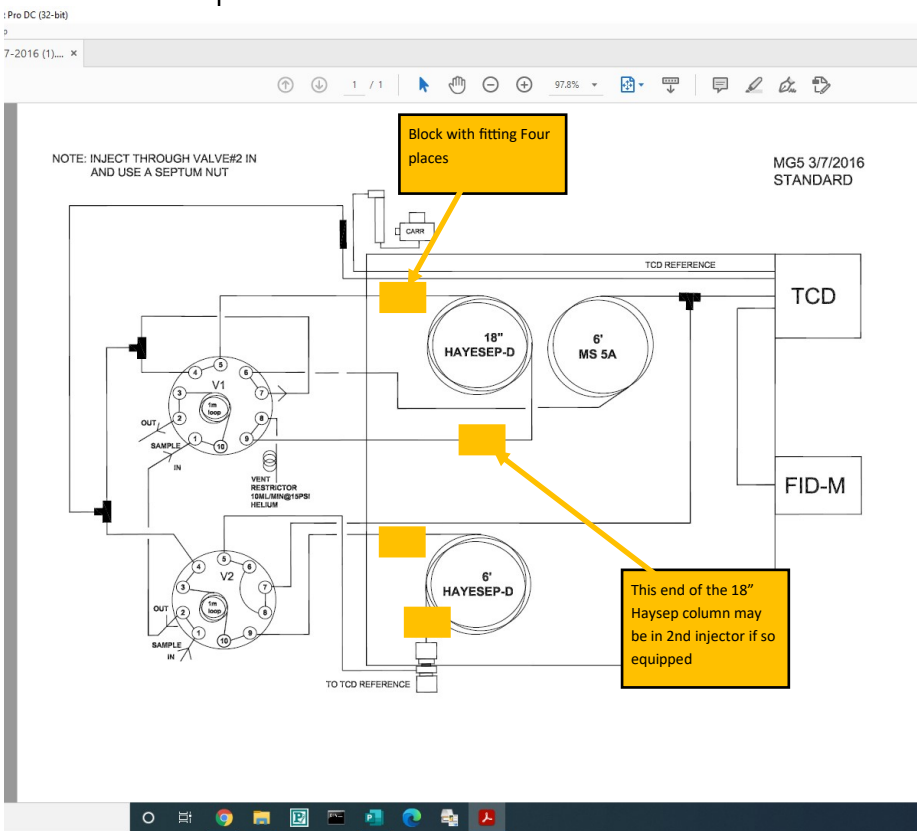
You will need 4 of the cap fittings.

If the cap fittings are not available you can use 4 1/8" Swagelok nuts with the on-column septum to seal off the tubes. Note the direction of the septum in the nut.

Be sure TCD current is OFF when baking out.

Be sure carrier gas is flowing through MS5A column when baking out.

You may have to temporarily raise the OVEN MAX setpoint on the GC front panel to allow the oven to get to 310C. Set it back to 270 or less when you re-install



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