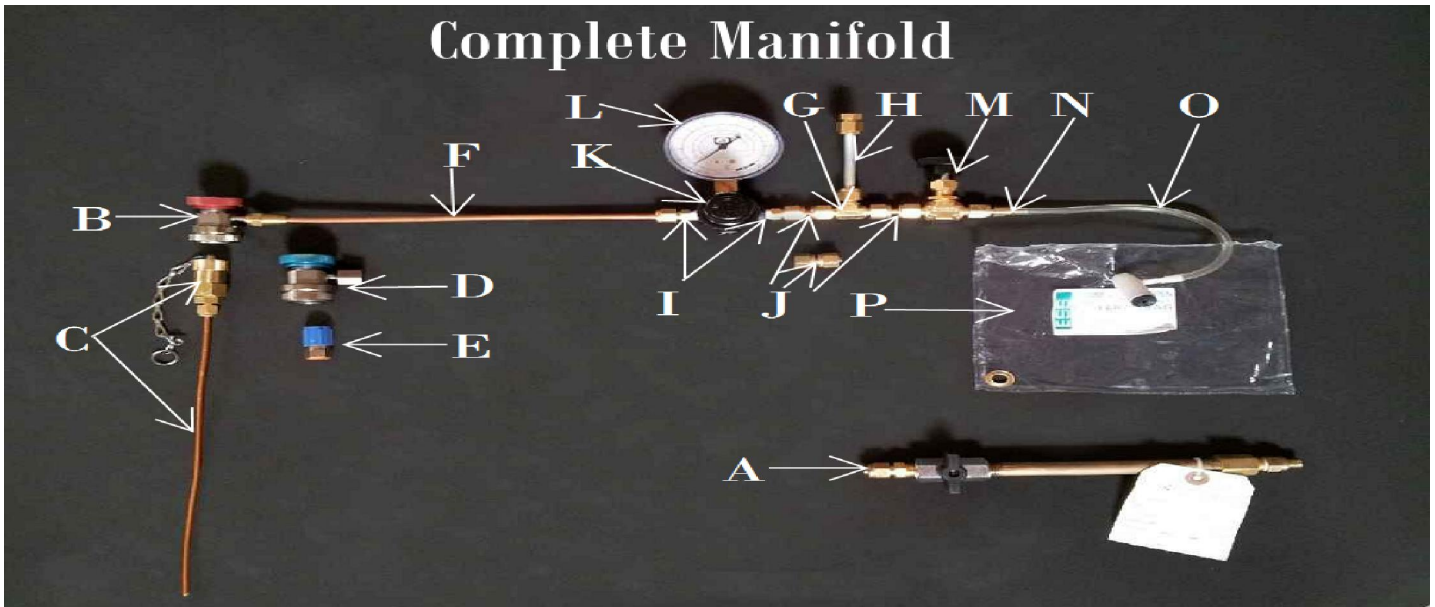


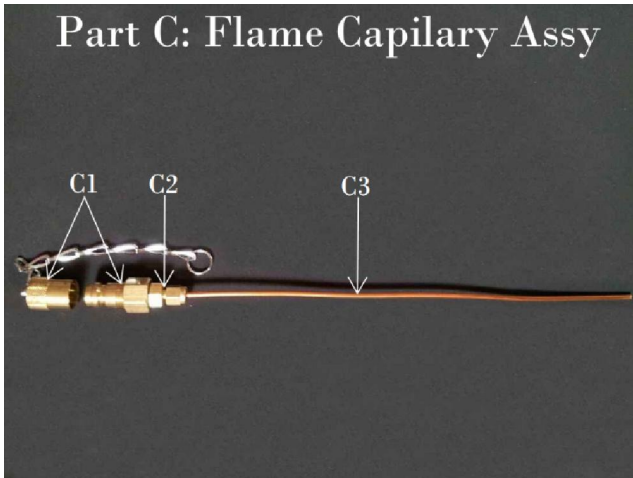


### MAI RG Parts Diagram: (Revision April 2013)

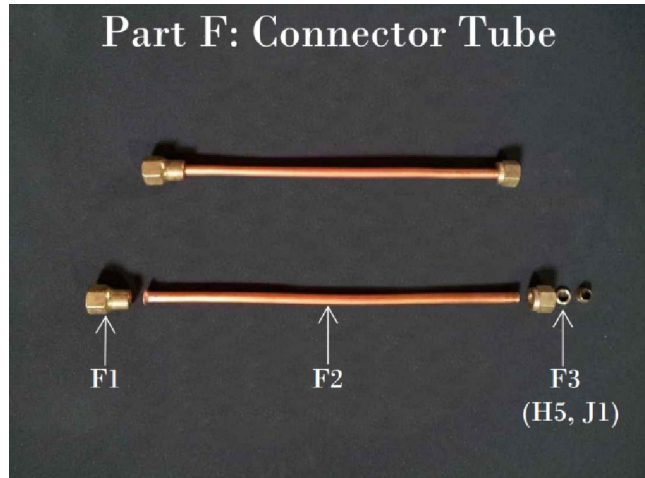


### Manifold Components: Parts C, F, H and J

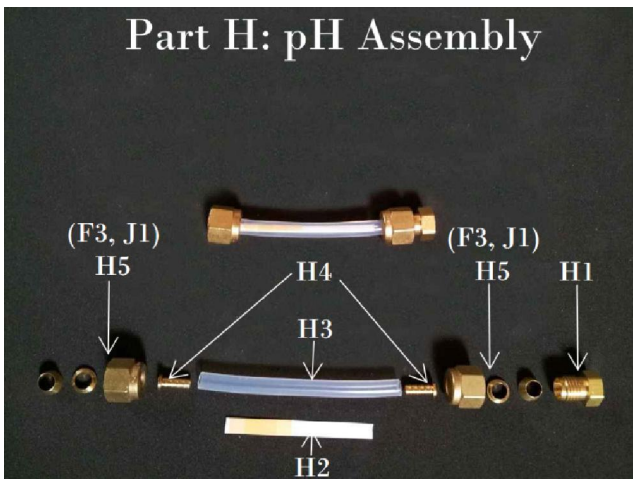
Part C: Flame Capillary Assy



Part F: Connector Tube



Part H: pH Assembly



Part J: Tube Adapter

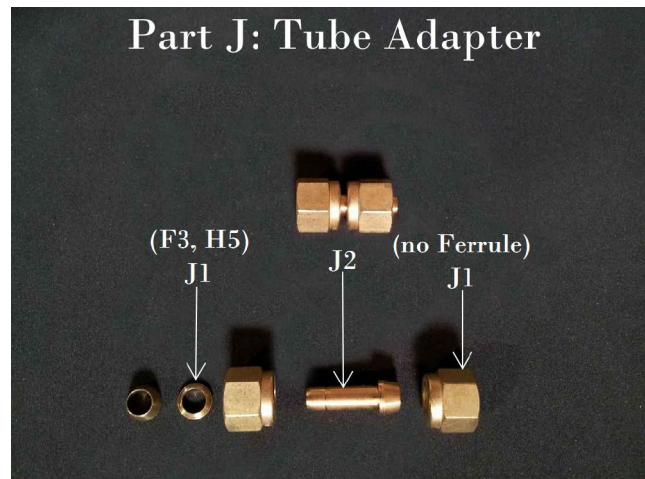




Figure Designation	Part Number	Part Description	Supplier
A	Rigid RG Sample Tube (Rev Aug 2012)	MAI Re-usable brass Rigid Sampler Tube rev8-12	<a href="http://www.mcccampbell.com">www.mcccampbell.com</a> <a href="tel:9252529262">(925)252.9262</a>
B	41337	Coupler, Chrome High Side x 1/4" Male Flare R134a Coupler	<a href="http://www.yellowjacket.com">www.yellowjacket.com</a>
C	Flame Capillary Assy	C1-C3	N/A
C1	66-9873	High-side adapter with Cap	<a href="http://www.thermoking.com">www.thermoking.com</a>
C2	B-200-1-4ST	Male connector 1/8" tube OD x 7/16 – 20 male SAE/MS straight thread	<a href="http://www.Swagelok.com">www.Swagelok.com</a>
C3	22628	1/8" OD refrigeration grade copper tubing	<a href="http://www.restek.com">www.restek.com</a>
D	41338	Coupler, Chrome Low Side x 1/4" Male Flare R134a Coupler	<a href="http://www.yellowjacket.com">www.yellowjacket.com</a>
E	505-336	Low-side adapter	<a href="http://www.thermoking.com">www.thermoking.com</a>
F	Connector Tube	F1-F3	NA
F1	N4-4	1/4" SAE Long Refrigeration Flare nut (10 pcs)	<a href="http://www.centurytool.net">www.centurytool.net</a>
F2	1 <sup>st</sup> invoice: 000344863	10" L 1/4" OD fridge grade Cu tubing with 1/4" flare	<a href="tel:18317573009">Custom made: Call CSC Salinas (1-831-757-3009)</a>
F3 (H5, J1)	B-400-NFSET(H5)	Brass Nut and Ferrule Set (1 Nut/1 Front Ferrule/1 Back Ferrule) for 1/4 in. Tube Fitting. (5 pcs)	<a href="http://www.Swagelok.com">www.Swagelok.com</a>
G	B-400-4	Brass Swagelok Tube Fitting, Union Cross, 1/4 in. Tube OD	<a href="http://www.Swagelok.com">www.Swagelok.com</a>
I	B-400-1-2	1/4 T x 1/8 MNPT Male Connector (10 pcs)	<a href="http://www.Swagelok.com">www.Swagelok.com</a>
H	pH Assembly	H1-H4	N/A
H1	B-400-C	Brass Cap for 1/4 in. OD Tubing	<a href="http://www.Swagelok.com">www.Swagelok.com</a>
H2	EMD-9590	box of 100 ct pH strip	<a href="http://www.VWR.com">www.VWR.com</a>
H3	CFX3-4N	4/4" OD-3/16"(0.1875') ID Polypropylene tubing	<a href="http://www.eldonjames.com">www.eldonjames.com</a>
H4	B-405-170	Brass Tubing Insert, 1/4 in. OD x 0.17 in. ID	<a href="http://www.Swagelok.com">www.Swagelok.com</a>
H5 (F3, J1)	B-400-NFSET	Brass Nut and Ferrule Set (1 Nut/1 Front Ferrule/1 Back Ferrule) for 1/4 in. Tube Fitting. (5 pcs)	<a href="http://www.Swagelok.com">www.Swagelok.com</a>
J	Tube Adapter/ Spacer/Connector	J1-J2	N/A



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Figure Designation	Part Number	Part Description	Supplier
J1	B-400-NFSET(H5)	Brass Nut and Ferrule Set (1 Nut/1 Front Ferrule/1 Back Ferrule) for 1/4 in. Tube Fitting. (5 pcs)	<a href="http://www.Swagelok.com">www.Swagelok.com</a>
J2	B-401-PC	1/4" Port Connector (10 pcs)	<a href="http://www.Swagelok.com">www.Swagelok.com</a>
K	20611	Pressure Regulator with 1/4" T ports	<a href="http://www.restek.com">www.restek.com</a>
L	29420-316	M2-420 Just Better refrigeration compound gauge	<a href="http://www.jbind.com">www.jbind.com</a>
L (Alternate)	1442GB	Thermal Engineering R134 compound gauge	<a href="http://www.fierychill.com">www.fierychill.com</a>
M	B-1RS4	Brass Integral Bonnet Needle Valve, 0.37 Cv, 1/4 in. Swagelok Tube Fitting	<a href="http://www.swagelock.com">www.swagelock.com</a>
N	B-2_HC-A-401	Brass Hose Connector, 1/4 in. Tube Adapter, 1/8 in. Hose ID	<a href="http://www.swagelok.com">www.swagelok.com</a>
O	57660	Tygon 3603 tubing ID=4mm, OD= 6mm, wall thickness=1mm (15 meters)	<a href="http://www.usplastic.com">www.usplastic.com</a>
P	0707-7000-GD	1L Tedlar Sampling Bag w/ Poly2-N-1 combo fitting (10 pcs)	Environmental Sampling Supply (800) 233.8425