

# Nitrous to Fuel Flow Chart



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<b>Customer Name</b>	Nitrous Outlet Research & Development Development
<b>System Type</b>	00-10662-GEN3-SF Race 4500 Stinger 3 Deep Brake Bracket
<b>Bottle Configuration</b>	Single 15lb
<b>N2O Pressure</b>	950 Psi
<b>Solenoids</b>	.178 N2O & .310 Fuel
<b>Nozzles/ Dist.</b>	Stinger 3
<b>Feed Line Size/Length</b>	6an 16FT
<b>Flow Jet in Flow tool</b>	Use the fuel jet you are using in the plate. (Tune ups were done setting pressure flowing through plate)(Flow tool only showed a .2 difference in pressure)

Stage	N2O Jet	PSI Drop	lbs 5 Sec.	N2O lbs Hour	Horse Power	Fuel Jet	Fuel PPH	Fuel PSI	N2O:Fuel Ratio	Notes
	0.035	10	0.27	194.4	54	0.026	20	5	9.62:1	
	0.035	10	0.27	194.4	54	0.026	22	6	8.84:1	
	0.035	10	0.27	194.4	54	0.026	23.7	7	8.2:1	Start at 7.5 Psi (7.93:1)
	0.035	10	0.27	194.4	54	0.026	25.2	8	7.71:1	
	0.035	10	0.27	194.4	54	0.026	26.7	9	7.28:1	
	0.035	10	0.27	194.4	54	0.026	28.3	10	6.87:1	
	0.052	14	0.5	360	100	0.035	37.1	5	9.7:1	
	0.052	14	0.5	360	100	0.035	40.6	6	8.87:1	
	0.052	14	0.5	360	100	0.035	44.2	7	8.14:1	Start Here
	0.052	14	0.5	360	100	0.035	47.1	8	7.64:1	
	0.052	14	0.5	360	100	0.035	50.3	9	7.16:1	
	0.052	14	0.5	360	100	0.035	51.5	10	6.99:1	
	0.062	29	0.73	525.6	146	0.040	55.2	5	9.52:1	
	0.062	29	0.73	525.6	146	0.040	60.6	6	8.67:1	
	0.062	29	0.73	525.6	146	0.040	65.4	7	8.04:1	Start Here
	0.062	29	0.73	525.6	146	0.040	70.1	8	7.5:1	
	0.062	29	0.73	525.6	146	0.040	74.3	9	7.07:1	

	0.062	29	0.73	525.6	146	0.040	78.6	10	6.69:1	
	0.064	29	0.79	568.8	158	0.043	57.7	5	9.86:1	
	0.064	29	0.79	568.8	158	0.043	63.6	6	8.94:1	
	0.064	29	0.79	568.8	158	0.043	68.7	7	8.28:1	Start at 7.5 Psi (7.99:1)
	0.064	29	0.79	568.8	158	0.043	74.6	8	7.62:1	
	0.064	29	0.79	568.8	158	0.043	76.6	9	7.43:1	
	0.064	29	0.79	568.8	158	0.043	78.3	10	7.26:1	
	0.072	34	0.96	691.2	192	0.048	72.3	5	9.56:1	
	0.072	34	0.96	691.2	192	0.048	79.7	6	8.67:1	
	0.072	34	0.96	691.2	192	0.048	86.2	7	8.02:1	Start Here
	0.072	34	0.96	691.2	192	0.048	90.3	8	7.65:1	
	0.072	34	0.96	691.2	192	0.048	92.7	9	7.46:1	
	0.072	34	0.96	691.2	192	0.048	95.2	10	7.26:1	
	0.078	39	1.08	777.6	216	0.050	77.1	5	10.09:1	
	0.078	39	1.08	777.6	216	0.050	85.1	6	9.14:1	
	0.078	39	1.08	777.6	216	0.050	92.4	7	8.42:1	Start at 7.5 Psi (8.04:1)
	0.078	39	1.08	777.6	216	0.050	99.3	8	7.83:1	
	0.078	39	1.08	777.6	216	0.050	99.3	9	7.83:1	
	0.078	39	1.08	777.6	216	0.050	106.2	10	7.32:1	
	0.082	41	1.19	856.8	238	0.052	82.8	5	10.35:1	
	0.082	41	1.19	856.8	238	0.052	91.9	6	9.32:1	
	0.082	41	1.19	856.8	238	0.052	100.3	7	8.54:1	
	0.082	41	1.19	856.8	238	0.052	107.6	8	7.96:1	Start Here
	0.082	41	1.19	856.8	238	0.052	113.5	9	7.55:1	
	0.082	41	1.19	856.8	238	0.052	116.3	10	7.37:1	
	0.086	43	1.31	943.2	262	0.054	95.5	5	9.88:1	

	0.086	43	1.31	943.2	262	0.054	106.6	6	8.85:1	
	0.086	43	1.31	943.2	262	0.054	114.6	7	8.23:1	
	0.086	43	1.31	943.2	262	0.054	119.4	8	7.9:1	Start Here
	0.086	43	1.31	943.2	262	0.054	121.1	9	7.79:1	
	0.086	43	1.31	943.2	262	0.054	127.6	10	7.39:1	
	0.093	48	1.47	1058.4	294	0.064	102.7	5	10.31:1	
	0.093	48	1.47	1058.4	294	0.064	113.5	6	9.33:1	
	0.093	48	1.47	1058.4	294	0.064	123.2	7	8.59:1	
	0.093	48	1.47	1058.4	294	0.064	132.2	8	8.01:1	Start Here
	0.093	48	1.47	1058.4	294	0.064	141.9	9	7.46:1	
	0.093	48	1.47	1058.4	294	0.064	148	10	7.15:1	
	0.099	48	1.65	1188	330	0.067	115.7	5	10.27:1	
	0.099	48	1.65	1188	330	0.067	127.7	6	9.3:1	
	0.099	48	1.65	1188	330	0.067	138.1	7	8.6:1	
	0.099	48	1.65	1188	330	0.067	148.2	8	8.02:1	Start Here
	0.099	48	1.65	1188	330	0.067	157.7	9	7.53:1	
	0.099	48	1.65	1188	330	0.067	166.1	10	7.15:1	
	0.105	62	1.88	1353.6	376	0.074	140.1	5	9.66:1	
	0.105	62	1.88	1353.6	376	0.074	155.4	6	8.71:1	
	0.105	62	1.88	1353.6	376	0.074	168.3	7	8.04:1	Start Here
	0.105	62	1.88	1353.6	376	0.074	181.2	8	7.47:1	
	0.105	62	1.88	1353.6	376	0.074	192.3	9	7.04:1	
	0.105	62	1.88	1353.6	376	0.074	203.6	10	6.65:1	
	0.110	63	1.95	1404	390	0.078	146.4	5	9.59:1	
	0.110	63	1.95	1404	390	0.078	160.7	6	8.74:1	
	0.110	63	1.95	1404	390	0.078	175	7	8.02:1	Start Here
	0.110	63	1.95	1404	390	0.078	187.7	8	7.48:1	



	No Jet	115	3.44	2476.8	688	0.110	236.2	5	10.49:1	
	No Jet	115	3.44	2476.8	688	0.110	260.6	6	9.5:1	
	No Jet	115	3.44	2476.8	688	0.110	281.2	7	8.81:1	
	No Jet	115	3.44	2476.8	688	0.110	302.5	8	8.19:1	Start Here
	No Jet	115	3.44	2476.8	688	0.110	321.9	9	7.69:1	
	No Jet	115	3.44	2476.8	688	0.110	338.8	10	7.31:1	