



906c exh man	
Cyl 1 Exh CFM	157.4
Cyl 2 Exh CFM	164.2
Cyl 4 Exh CFM	158.7

Valve Lift .500

base test

Test Summary and Comments for: 906c exh man

Graph of:	Test Time	Tested at	Corr to	# Vlvs	Vlv Dia
All 4	8:52 pm	Int: 25"	25.0"	1	2.08"
Cylinders	03/04/2013	Exh: 25"	25.0"	1	1.74"

base line 906 C head. RH exh manifold from 383 dart. # 2 cylinder
exh # 2 is # 2 cylinder , exn #1 is # 7 cylinder, with short turn manifold
exh #1 is left side exh manifold 383 dart, exh # 2 is right hand manifold,
exh # 3 is left hand manifold , C body mopar # 7 cylinder. short turn
exh#4 is left side # 1 cylinder, dart manifold

Port Flow Analyzer v3.5 B
Eng: 906C exh man
Calculated Test Results

Your name / company name can
go here. See Preferences.
Performance Trends (C) 2009

This Graph Printed:
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Head Specs:

Intake		Exhaust	
Layout:	1 valve & 1 port	Layout:	1 valve & 1 port
Valve Diameter, in	2.08	Valve Diameter, in	1.74

Flow Bench Specs

General Specs		Flow Ranges		
Type	Std SuperFlow 600	Type:	Manually Enter Below	
Use Temperature Corr:	na			
Rated Test Pressure, "water	na			
Inclined Flow Manometer		Range #1	Intake	Exhaust
Full Scale Reading	na	Range #2	36.7	39.3
Full Scale Pressure, "water	na	Range #3	70.7	76.8
Linear Scale (like a ruler):	na	Range #4	149.1	161.8
Electronics		Range #5	293.2	315.1
Type:	SuperFlow FlowCom	Range #6	437.3	473.4
Com Port:	Com 1	Range #7	579.7	632.3
# Readings to Average	10			

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Port	Lift	L/D	Corr CFM	VlvArea sq.in	CFM / sq.in	FlwArea sq.in	Flow Coef.	Valve Velocity	% Exh/Int
Exh #1	.050	.029	27.8	.273	101.86	.202	.740	244.5	
Exh #1	.100	.057	56.2	.547	102.81	.408	.747	246.7	DART Left side
Exh #1	.150	.086	80.1	.820	97.74	.582	.710	234.6	
Exh #1	.200	.115	99.1	1.093	90.61	.719	.658	217.5	
Exh #1	.250	.144	116.1	1.367	84.96	.843	.617	203.9	
Exh #1	.300	.172	129.5	1.640	78.98	.940	.573	189.5	
Exh #1	.350	.201	141.6	1.913	74.00	1.028	.537	177.6	cyl #7
Exh #1	.400	.230	150.4	2.187	68.79	1.092	.499	165.1	
Exh #1	.450	.259	154.8	2.378	65.12	1.124	.473	156.3	
Exh #1	.500	.287	157.4	2.378	66.20	1.143	.481	158.9	
Exh #2	.050	.029	27.0	.273	98.94	.196	.718	237.5	
Exh #2	.100	.057	55.4	.547	101.27	.402	.735	243.0	DART Right hand
Exh #2	.150	.086	80.3	.820	97.93	.583	.711	235.0	
Exh #2	.200	.115	100.7	1.093	92.11	.731	.669	221.1	
Exh #2	.250	.144	118.7	1.367	86.89	.862	.631	208.5	
Exh #2	.300	.172	133.1	1.640	81.17	.967	.589	194.8	
Exh #2	.350	.201	145.6	1.913	76.12	1.057	.553	182.7	
Exh #2	.400	.230	156.8	2.187	71.70	1.138	.521	172.1	
Exh #2	.450	.259	161.2	2.378	67.77	1.170	.492	162.7	
Exh #2	.500	.287	164.2	2.378	69.04	1.192	.501	165.7	
Exh #3	.050	.029	29.0	.273	106.01	.210	.770	254.4	
Exh #3	.100	.057	56.8	.547	103.93	.413	.755	249.4	C-body Left hand
Exh #3	.150	.086	81.0	.820	98.76	.588	.717	237.0	
Exh #3	.200	.115	100.0	1.093	91.42	.726	.664	219.4	
Exh #3	.250	.144	117.1	1.367	85.70	.850	.622	205.7	
Exh #3	.300	.172	131.7	1.640	80.29	.956	.583	192.7	
Exh #3	.350	.201	143.0	1.913	74.76	1.039	.543	179.4	
Exh #3	.400	.230	153.8	2.187	70.32	1.117	.511	168.8	
Exh #3	.450	.259	158.7	2.378	66.72	1.152	.484	160.1	
Exh #3	.500	.287	161.2	2.378	67.80	1.171	.492	162.7	
Exh #4	.050	.029	28.8	.273	105.41	.209	.765	253.0	
Exh #4	.100	.057	56.2	.547	102.75	.408	.746	246.6	cyl #1
Exh #4	.150	.086	79.7	.820	97.14	.578	.705	233.1	
Exh #4	.200	.115	99.4	1.093	90.94	.722	.660	218.3	Left side
Exh #4	.250	.144	116.8	1.367	85.43	.848	.620	205.0	
Exh #4	.300	.172	130.1	1.640	79.34	.945	.576	190.4	DART
Exh #4	.350	.201	140.0	1.913	73.16	1.016	.531	175.6	
Exh #4	.400	.230	151.5	2.187	69.27	1.100	.503	166.3	
Exh #4	.450	.259	155.5	2.378	65.37	1.129	.475	156.9	
Exh #4	.500	.287	158.7	2.378	66.72	1.152	.484	160.1	