

Forums Special Injector Report

Testing Information

Customer Name
Testing Date
Make/Model
Injector Model
Injector Type
Number in Set

Brian Beard
01/10/12
Chevy Camaro
LS1
Top Feed
4

Air Temp
Device
Specific Gravity
Testing Pressure
Calibration Factor
Technician ID

75
New Age NAB
0.696@25C
43.5
1,000
MH

Results

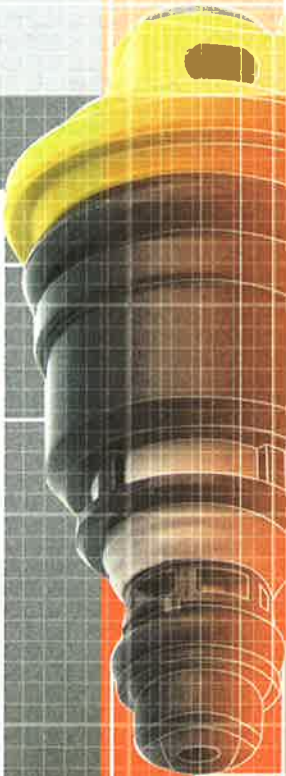
Injector #	BEFORE CLEANING				AFTER CLEANING			
	Static cc/min	Static lbs/hr	Dynamic cc/min	Dynamic lbs/hr	Static cc/min	Static lbs/hr	Dynamic cc/min	Dynamic lbs/hr
1	330	31.4	303	28.9	330	31.4	303	28.9
2	334	31.8	307	29.2	335	31.9	307	29.2
3	335	31.9	307	29.2	333	31.7	310	29.5
4	338	32.2	311	29.6	335	31.9	310	29.5
5	334	31.8	305	29.0	334	31.8	305	29.0
6	335	31.9	310	29.5	334	31.8	305	29.0
7	335	31.9	309	29.4	335	31.9	309	29.4
8	335	31.9	309	29.4	335	31.9	309	29.4
Total System				2674	254.7	2462	234.5	
Min. Flow				330	31.4	303	28.9	
Max Flow				338	32.2	311	29.6	
Avg Flow				334	31.8	308	29.3	
% Balanced				97.6%	31.8	97.4%	29.3	
% Difference				2.4%		2.6%		

Not Performed!

Notes

No issues

FLOW REPORT



Fuel Pressure Correction

Bar	Psi	cc/min	lbs/hr
2.72	40.0	321	30.5
3.06	45.0	340	32.4
3.40	50.0	358	34.1
3.74	55.0	376	35.8
4.08	60.0	393	37.4
4.42	65.0	409	38.9
4.76	70.0	424	40.4
5.10	75.0	439	41.8

BSFC Based Injector Limits

IDC	0.65	0.6	0.55	0.5
70%	126.26	137	149	164
75%	135.27	147	160	176
80%	144.29	156	171	188
85%	153.31	166	181	199
90%	162.33	176	192	211
95%	171.35	186	203	223

Other Data

Injector #	Leak Test	Spray Pattern	Ohms (no load)	Millisec Ramp	RPM Ramp	Voltage Load
1	Pass	Pass	14.1	Pass	Pass	7.05
2	Pass	Pass	14.2	Pass	Pass	7.10
3	Pass	Pass	14.1	Pass	Pass	7.02
4	Pass	Pass	14.1	Pass	Pass	6.99
5	Pass	Pass	14.1	Pass	Pass	7.02
6	Pass	Pass	14.1	Pass	Pass	7.02
7	Pass	Pass	14.1	Pass	Pass	7.01
8	Pass	Pass	14.2	Pass	Pass	7.09

Graphical Results

