



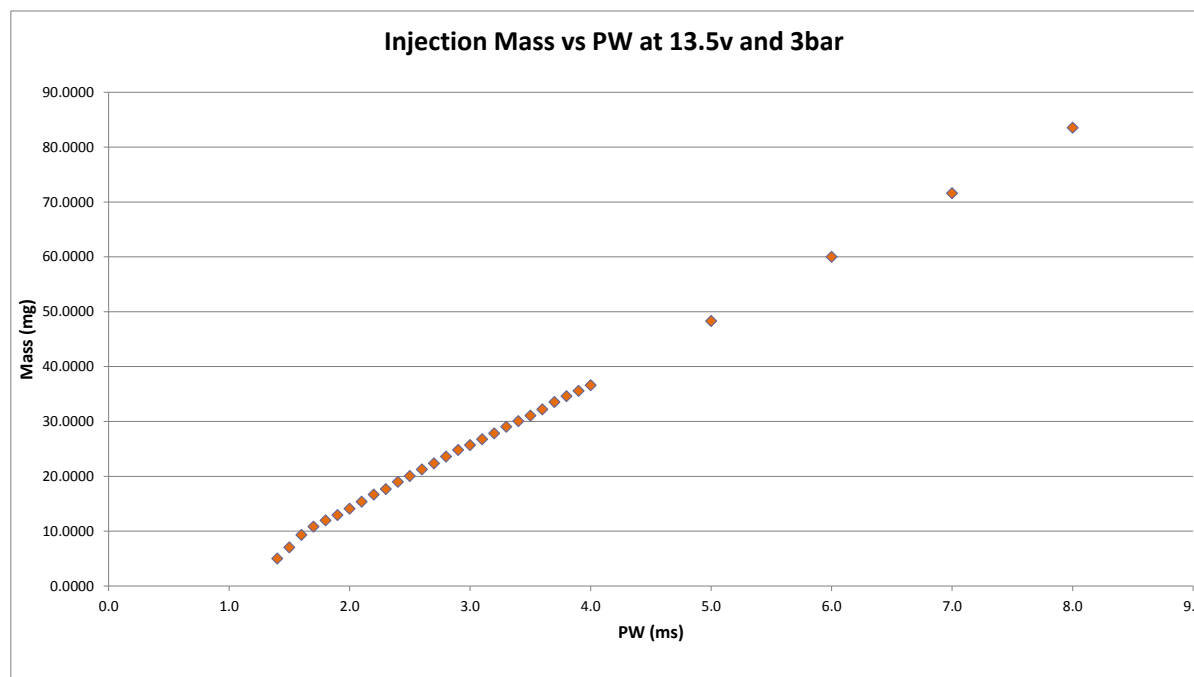
Fuel Injector Characterization Summary

DW PN: 02J-XX-0950-X, 02J-XX-1000-X

Pulsed Flow Data (3bar, 13.5v)				Linearity
Pulse Width (ms)	Volumetric (cc/shot)	Gravimetric (mg/shot)	% Mass Deviation	
1.0	Below limits of detection			NON LINEAR RANGE
1.1				
1.2				
1.3				
1.4	0.0067	5.024	-26.95%	LINEAR RANGE
1.5	0.0094	7.052	-12.23%	
1.6	0.0124	9.299	1.17%	
1.7	0.0144	10.817	4.53%	
1.8	0.0160	11.982	4.15%	
1.9	0.0173	12.919	2.02%	
2.0	0.0188	14.104	2.06%	
2.1	0.0205	15.384	2.72%	
2.2	0.0223	16.663	3.29%	
2.3	0.0236	17.662	2.15%	
2.4	0.0253	18.972	2.85%	
2.5	0.0268	20.064	2.35%	
2.6	0.0284	21.250	2.36%	
2.7	0.0299	22.373	2.08%	
2.8	0.0315	23.590	2.24%	
2.9	0.0331	24.807	2.38%	
3.0	0.0343	25.712	1.28%	
3.1	0.0358	26.773	0.86%	
3.2	0.0372	27.834	0.48%	
3.3	0.0388	29.020	0.56%	
3.4	0.0401	30.050	0.11%	
3.5	0.0415	31.048	-0.40%	
3.6	0.0430	32.203	-0.39%	
3.7	0.0448	33.544	0.17%	
3.8	0.0462	34.605	-0.11%	
3.9	0.0475	35.573	-0.64%	
4.0	0.0489	36.602	-0.96%	
5.0	0.0645	48.304	-0.46%	
6.0	0.0801	60.006	-0.15%	
7.0	0.0956	71.614	-0.07%	
8.0	0.1115	83.534	0.36%	
SLOPE (cc/min)		939		

Static Flow Data					
Differential Pressure			Flow		
Bar	kPa	PSI	cc/min	lb/hr	g/s
2	200	29.0	785	74.8	9.80
3	300	43.5	977	93.0	12.19
4	400	58.0	1146	109.1	14.30
5	500	72.5	1254	119.4	15.65

Battery Offset					
	8 volts	10 volts	12 volts	14 volts	16 volts
2bar	1.787	1.295	0.922	0.670	0.537
3bar	2.206	1.648	1.209	0.891	0.693
4bar	2.479	1.837	1.340	0.989	0.784
5bar	2.641	1.954	1.429	1.065	0.862



NOTES

All mass values (gravimetric) are calculated for pump gas using SG of 0.749

Application specific calibration summaries are also available (visit website or inquire with tech support)

Data on calibration summaries may vary slightly from data on this sheet due to in-car optimization

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