



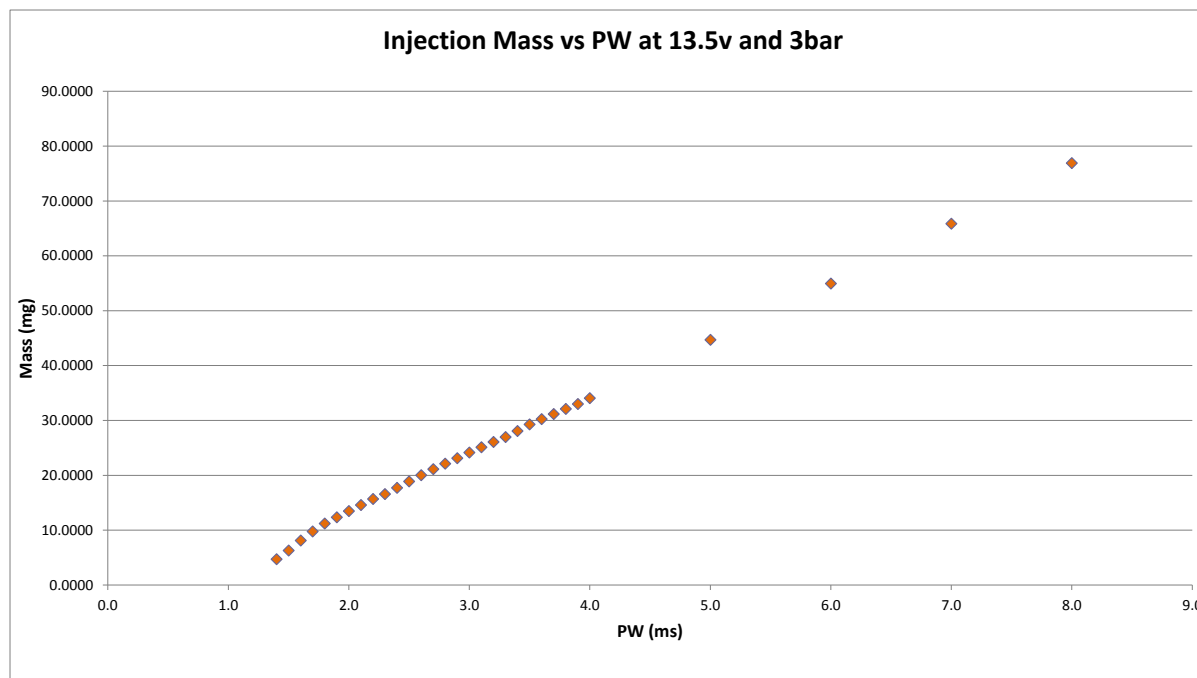
Fuel Injector Characterization Summary

DW PN: 02J-XX-0850-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	0.0063	4.712	-32.78%	
1.5	0.0084	6.303	-21.81%	
1.6	0.0108	8.113	-10.98%	
1.7	0.0130	9.767	-3.92%	
1.8	0.0150	11.202	-0.13%	
1.9	0.0165	12.357	0.72%	
2.0	0.0180	13.480	1.20%	
2.1	0.0195	14.572	1.39%	
2.2	0.0210	15.696	1.76%	
2.3	0.0221	16.569	0.57%	
2.4	0.0237	17.724	1.12%	
2.5	0.0252	18.879	1.61%	
2.6	0.0268	20.033	2.05%	
2.7	0.0282	21.125	2.14%	
2.8	0.0295	22.124	1.79%	
2.9	0.0309	23.122	1.48%	
3.0	0.0323	24.152	1.32%	
3.1	0.0335	25.119	0.93%	
3.2	0.0348	26.087	0.56%	
3.3	0.0360	26.960	-0.12%	
3.4	0.0375	28.084	0.14%	
3.5	0.0391	29.270	0.60%	
3.6	0.0404	30.237	0.30%	
3.7	0.0416	31.173	-0.08%	
3.8	0.0429	32.109	-0.44%	
3.9	0.0440	32.983	-0.96%	
4.0	0.0455	34.075	-0.81%	
5.0	0.0597	44.684	-0.42%	
6.0	0.0734	54.951	-0.79%	
7.0	0.0880	65.872	-0.05%	
8.0	0.1027	76.887	0.61%	
SLOPE (cc/min)		856		

Static Flow Data					
Differential Pressure			Flow		
Bar	kPa	PSI	cc/min	lb/hr	g/s
2	200	29.0	703	66.9	8.77
3	300	43.5	870	82.8	10.85
4	400	58.0	1020	97.1	12.73
5	500	72.5	1153	109.8	14.39

Battery Offset					
	8 volts	10 volts	12 volts	14 volts	16 volts
2bar	1.538	1.140	0.801	0.521	0.301
3bar	2.057	1.504	1.069	0.753	0.555
4bar	2.336	1.702	1.214	0.873	0.678
5bar	2.411	1.868	1.418	1.061	0.798



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
 rev 4-16-18