



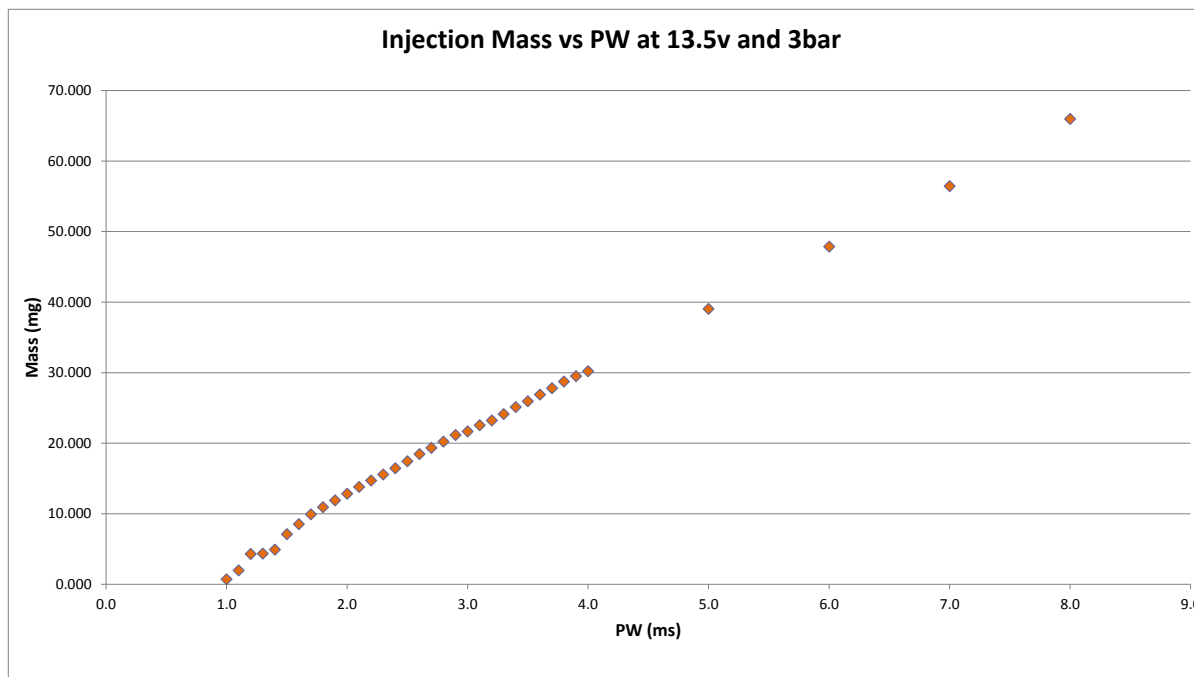
Fuel Injector Characterization Summary

DW PN: 02J-XX-0740-X

Pulsed Flow Data (3bar, 13.5v)				
Pulse Width (ms)	Volumetric (cc/shot)	Gravimetric (mg/shot)	% Mass Deviation	Linearity
1.0	0.0010	0.718	-81.83%	NON LINEAR RANGE
1.1	0.0026	1.966	-59.30%	
1.2	0.0058	4.306	-24.60%	
1.3	0.0058	4.337	-34.20%	
1.4	0.0065	4.899	-34.44%	
1.5	0.0095	7.115	-14.82%	
1.6	0.0114	8.519	-7.74%	
1.7	0.0133	9.923	-1.89%	
1.8	0.0146	10.921	-0.66%	LINEAR RANGE
1.9	0.0159	11.889	0.12%	
2.0	0.0171	12.825	0.54%	
2.1	0.0184	13.792	1.15%	
2.2	0.0196	14.697	1.24%	
2.3	0.0208	15.571	1.13%	
2.4	0.0220	16.445	1.03%	
2.5	0.0233	17.443	1.66%	
2.6	0.0246	18.442	2.23%	
2.7	0.0258	19.347	2.26%	
2.8	0.0270	20.220	2.12%	
2.9	0.0283	21.156	2.30%	
3.0	0.0289	21.656	0.44%	
3.1	0.0301	22.561	0.53%	
3.2	0.0310	23.216	-0.45%	
3.3	0.0322	24.121	-0.34%	
3.4	0.0335	25.119	0.15%	
3.5	0.0347	25.962	-0.01%	
3.6	0.0359	26.898	0.20%	
3.7	0.0371	27.803	0.28%	
3.8	0.0384	28.739	0.47%	
3.9	0.0394	29.519	0.11%	
4.0	0.0403	30.206	-0.53%	
5.0	0.0521	39.036	-0.34%	
6.0	0.0639	47.867	-0.23%	
7.0	0.0754	56.448	-0.59%	
8.0	0.0881	65.966	0.58%	
SLOPE (cc/min)		713		

Static Flow Data					
Differential Pressure			Flow		
Bar	kPa	PSI	cc/min	lb/hr	g/s
2	200	29.0	609	58.0	7.60
3	300	43.5	754	71.8	9.40
4	400	58.0	886	84.4	11.06
5	500	72.5	1008	96.0	12.58

Battery Offset					
	8 volts	10 volts	12 volts	14 volts	16 volts
2bar	1.354	0.940	0.609	0.360	0.194
3bar	1.890	1.346	0.919	0.610	0.418
4bar	2.134	1.566	1.116	0.784	0.571
5bar	2.335	1.736	1.268	0.931	0.725



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