



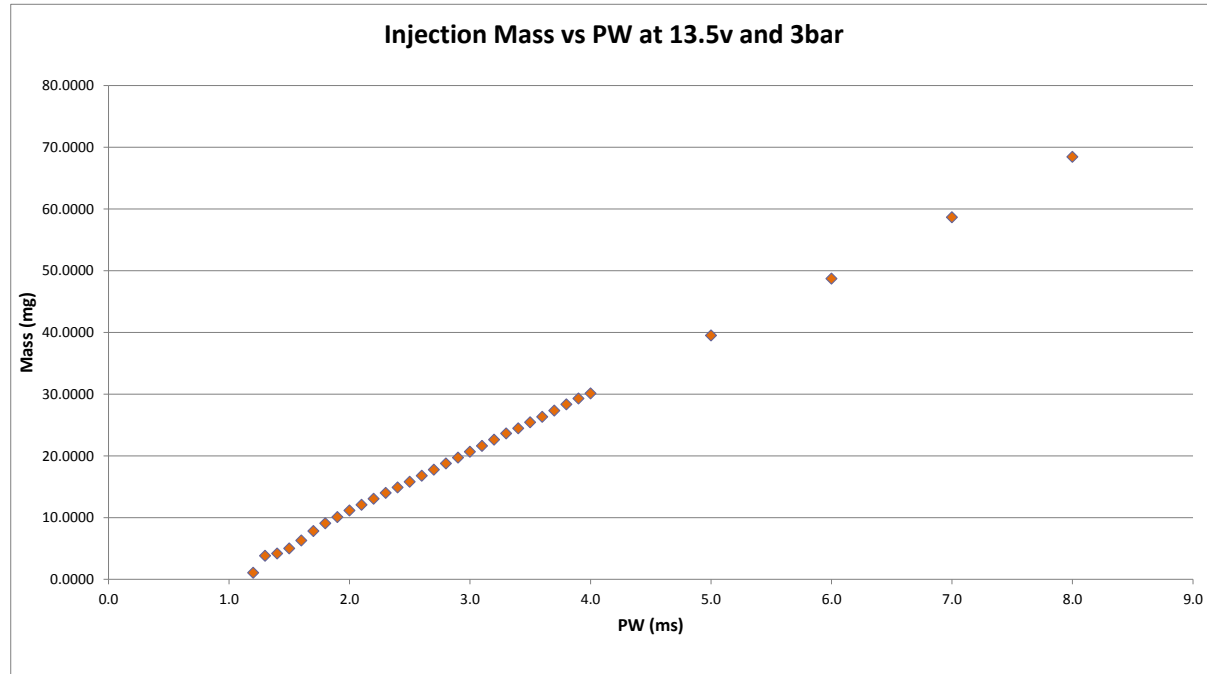
Fuel Injector Characterization Summary

DW PN: O2J-XX-0740-XX

Pulsed Flow Data (3bar, 13.5v)				
Pulse Width (ms)	Volumetric (cc/shot)	Gravimetric (mg/shot)	% Mass Deviation	Linearity
1.0	Below limits of detection.			NON LINEAR RANGE
1.1	Below limits of detection.			
1.2	0.0014	1.061	-70.30%	
1.3	0.0051	3.807	-15.82%	
1.4	0.0056	4.181	-23.58%	
1.5	0.0067	4.993	-22.25%	
1.6	0.0084	6.272	-14.91%	
1.7	0.0104	7.801	-6.24%	
1.8	0.0121	9.080	-2.05%	
1.9	0.0135	10.079	-1.38%	
2.0	0.0149	11.140	-0.26%	
2.1	0.0161	12.076	-0.35%	
2.2	0.0174	13.043	-0.19%	
2.3	0.0187	13.979	-0.28%	
2.4	0.0199	14.884	-0.56%	
2.5	0.0211	15.789	-0.80%	
2.6	0.0224	16.788	-0.47%	
2.7	0.0237	17.755	-0.34%	
2.8	0.0250	18.754	-0.07%	
2.9	0.0263	19.721	0.03%	
3.0	0.0276	20.657	-0.04%	
3.1	0.0289	21.624	0.04%	
3.2	0.0302	22.623	0.26%	
3.3	0.0315	23.622	0.46%	
3.4	0.0327	24.464	0.00%	
3.5	0.0340	25.431	0.07%	
3.6	0.0352	26.336	-0.10%	
3.7	0.0365	27.335	0.08%	
3.8	0.0378	28.333	0.25%	
3.9	0.0391	29.301	0.31%	
4.0	0.0402	30.112	-0.16%	
5.0	0.0528	39.504	-0.38%	
6.0	0.0650	48.710	-0.90%	
7.0	0.0783	58.664	0.03%	
8.0	0.0914	68.431	0.42%	
SLOPE (cc/min)		768		

Static Flow Data					
Differential Pressure			Flow		
Bar	kPa	PSI	cc/min	lb/hr	g/s
2	200	29.0	623	59.3	7.78
3	300	43.5	780	74.2	9.73
4	400	58.0	899	85.6	11.22
5	500	72.5	1010	96.2	12.60

Battery Offset (millisec)					
	8 volts	10 volts	12 volts	14 volts	16 volts
2bar	1.916	1.367	0.968	0.717	0.614
3bar	2.123	1.536	1.100	0.813	0.668
4bar	2.329	1.705	1.232	0.909	0.721
5bar	2.527	1.831	1.295	0.921	0.722



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 8/6/18