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INJECTOR CALIBRATION REPORT

Speed Demon

Test

06-22-07

Date: 6/22/07

Test Pressure 43.5

Injector Make: Keihin

# of Injectors 6

Engine Model: 300 ProMax

**FLOW RATE BEFORE CLEANING**

**FLOW RATE AFTER CLEANING**

Injector Number	Static CC/MIN	WOT	IDLE	Static CC/MIN	WOT	IDLE
		5 msec @ 6000 RPM CC/MIN	2.5 msec @ 6000 RPM CC/MIN		5 msec @ 6000 RPM CC/MIN	2.5 msec @ 6000 RPM CC/MIN
One	463.67	187.13	71.21	491.78	199.64	76.70
Two	482.69	190.93	70.26	487.36	197.19	75.35
Three	482.32	194.10	73.52	487.66	198.38	76.46
Four	478.94	186.42	66.68	486.44	195.37	73.76
Five	479.20	190.14	70.34	487.70	196.24	74.31
Six	485.52	192.67	71.29	489.57	198.53	76.14
Seven						
Eight						
High	485.52	194.10	73.52	491.78	199.64	76.70
Low	463.67	186.42	66.68	486.44	195.37	73.76
Average	478.72	190.23	70.55	488.42	197.56	75.45
% Balance	4.50	3.96	9.30	1.09	2.14	3.83

**TOTAL SYSTEM  
LBS/HR = 281.60**

**TOTAL SYSTEM  
LBS/HR = 287.30**

**.65 B.S.F.C. .60 B.S.F.C. .55 B.S.F.C.**

**H.P. @ 80% DUTY  
CYCLE**

**353.61 383.07 417.90**

COMMENTS

Upon receipt this set of injectors were in need of servicing. After cleaning and calibrating this set has come into line and is now Excellent at Static Flow and 5 MSEC (most important) and Very Good at 2.5 MSEC. New screens and o-rings have been installed.