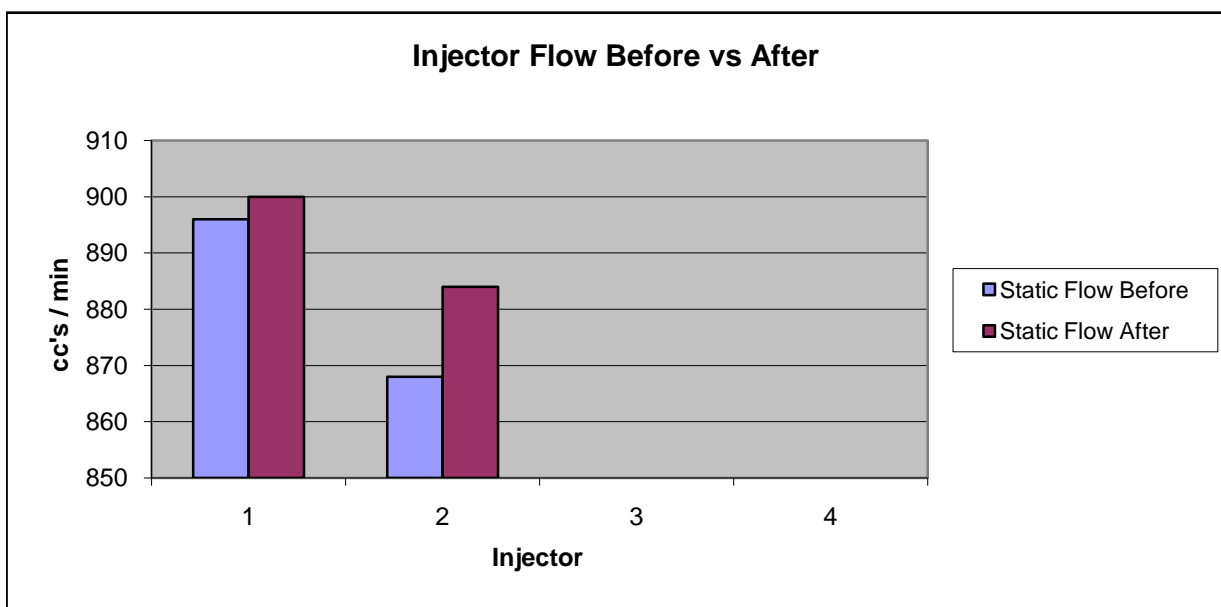


Injector-Rehab.com

Injector p/n Modified 195500-4450	Vehicle	Mazda RX-8							Kevin Olsen
	Year	2004							
	Engine	Rotary							
	Injector #								
Test	1	2	3	4	5	6	7	8	
Resistance ohms	14.9	14.9							
Leak Test Before	Pass	Pass							
Pass / Fail After	Pass	Pass							
Spray Pattern Before	Fair	Fair							
Spray Pattern After	Good	Good							
Static Flow Before	896	868							
Static Flow After	900	884							
15 sec @ 2.5 Bar	225	221							
cc/min @ 2.5 Bar	900	884							



Largest Variance Before

3.125%

**Ideal System Balance < 2%

Largest Variance After

1.778%

HP Capability (Per Injector)

Injector Duty Cycle	B.S.F.C.						
	0.40	0.45	0.50	0.55	0.60	0.65	0.70
@ 70% Duty	148.7	132.1	118.9	108.1	99.1	91.5	85.0
@ 75% Duty	159.3	141.6	127.4	115.8	106.2	98.0	91.0
@ 80% Duty	169.9	151.0	135.9	123.6	113.3	104.6	97.1
@ 85% Duty	180.5	160.5	144.4	131.3	120.3	111.1	103.2
@ 90% Duty	191.1	169.9	152.9	139.0	127.4	117.6	109.2