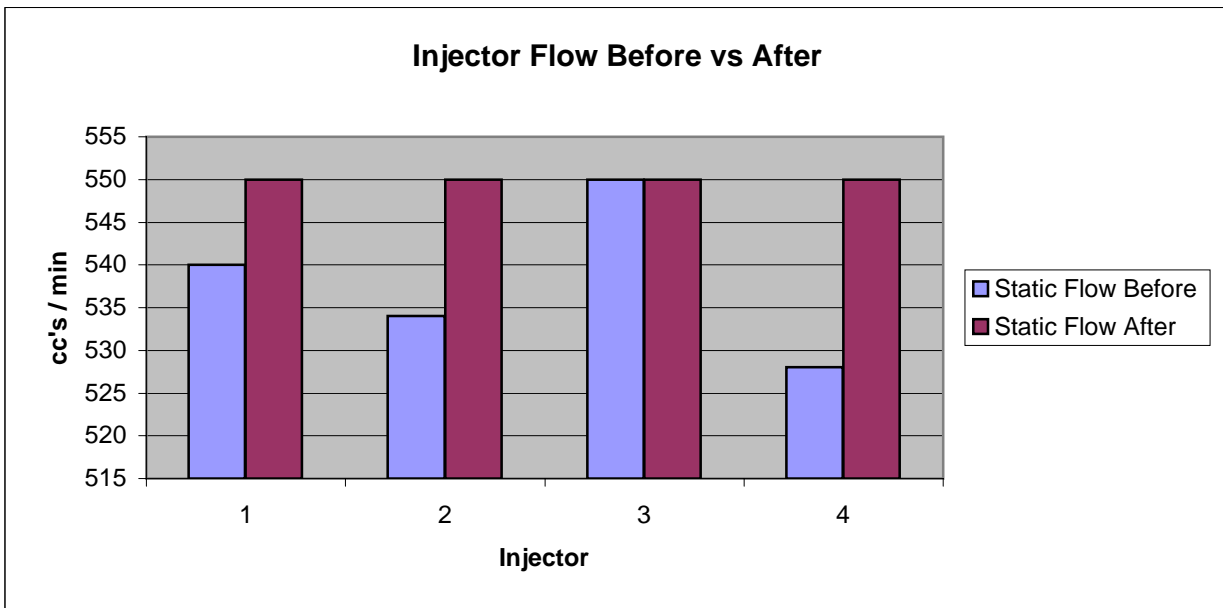


# Injector-Rehab.com

3/29/2008

Injector p/n 195500-2020	Vehicle Year Engine	Mazda RX7 1989 13BT	Peter Morel					
	<b>Injector #</b>							
<b>Test</b>	1	2	3	4	5	6	7	8
Resistance ohms	14.2	14.2	14.3	14.2				
Leak Test Before	Pass	Pass	Pass	Pass				
Pass / Fail After	Pass	Pass	Pass	Pass				
Spray Pattern Before	Good	Fair	Good	Poor				
Spray Pattern After	Good	Good	Good	Good				
Static Flow Before	540	534	550	528				
Static Flow After	550	550	550	550				
15 sec @ 2.25 Bar	137.5	137.5	137.5	137.5				
cc/min @ 2.25 Bar	550	550	550	550				
	(P1)	(P2)	(S1)	(S2)				



Largest Variance Before 4.000%  
Largest Variance After 0.000%

\*\*Ideal System Balance < 2%

### 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	91.7	81.5	73.3	66.7	61.1	56.4	52.4
@ 75% Duty	98.2	87.3	78.6	71.4	65.5	60.4	56.1
@ 80% Duty	104.8	93.1	83.8	76.2	69.8	64.5	59.9
@ 85% Duty	111.3	98.9	89.0	81.0	74.2	68.5	63.6
@ 90% Duty	117.9	104.8	94.3	85.7	78.6	72.5	67.3