

Injector LB/HR	Fuel PSI	Duty Cycle %	Voltage															
			8	8.8	9.6	10.4	11.2	12	12.8	13.6	14.4	15.2	16	16.8	17.6	18.4	19.2	20
250	43.5	70	1.8	1.6	1.52	1.34	1.26	1.17	1.15	1	0.9	0.82	0.76	0.68	0.62	0.54	0.46	0.38

### AFIS Gen-2, 250 Injector Data

* <b>Operating Base (static) Fuel Pressure-</b>	<b>40-85</b>	PSI
** <b>Maximum Base (static) Fuel Pressure-</b>	<b>90</b>	PSI
<b>Minimum Pulse Width at :</b>	<b>13.5 volts</b>	<b>1.2</b> milliseconds
	<b>16.0 volts</b>	<b>1.1</b> milliseconds
<b>*** Injector Driver Minimum Requirements:</b>	<b>8 amp</b>	Peak
	<b>1 msec</b>	Peak Hold Time
	<b>2 amp</b>	Hold

#### Notes:

- \* Base (static) fuel pressure is the fuel pressure without a boost or vacuum reference.
- \*\* Operating the fuel injectors outside of the designed base (static) fuel pressure range will result in improper injector function.
- \*\*\* An external injector driver is **required** on most EFI systems (including HP & Dominator ECU). The Holley driver PN 554-142 is recommended (Position 7) with AFIS Injectors. Injector drivers (internal or external) must have a minimum peak hold time or 1 msec; this is not programmable on all ECUs or external drivers  
Peak Hold Time is the amount of time the driver will stay at peak current before dropping to hold current (not the same as Peak Timeout).

### INJECTOR SET #1

Number of Injectors	8	Firing Strategy	Sequential
System Type	Custom		
Rated Flow per Injector	250.0 lb/hr	Final Flow per Injector	250.0 lb/hr
Rated Injector Pressure	43.5 psi	Final Injector Set Flow	2000.0 lb/hr
Actual System Pressure	43.5 psi		
Minimum Injector Opening Time	1.20 msec		

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### DRIVER SETUP

Type	Custom	Peak Current	8.750 A	Peak Timeout	5.0 msec
		Hold Current	2.500 A		

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### USE FOR

Use for Prime Shot	<input type="checkbox"/>	Prime Percentage	100%
Use for Cranking Fuel	<input type="checkbox"/>	Cranking Percentage	100%
Use for Individual Cylinder Correction	<input type="checkbox"/>		

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### INJECTOR OFF TIME

<a href="#">View Graph</a>																	
1.80	1.60	1.52	1.34	1.26	1.17	1.15	1.00	0.90	0.82	0.76	0.68	0.62	0.54	0.46	0.38		
8.0 V	8.8 V	9.6 V	10.4 V	11.2 V	12.0 V	12.8 V	13.6 V	14.4 V	15.2 V	16.0 V	16.8 V	17.6 V	18.4 V	19.2 V	20.0 V		

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### LINEARIZATION TABLE

<a href="#">View Graph</a>																	
Pulsewidth Offset [msec]																	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.20	0.40	0.60	0.80	1.00	1.20	1.40	1.60	1.80	2.00	2.20	2.40	2.60	2.80	3.00		
Base Pulsewidth [msec]																	