

Injector Dynamics ID1000 Calibration Summary

Target Injection Pressure = 39.15 psid

ALOSL (lb/s)	0.029595
AHISL(lb/s)	0.026076
Fuel_BKPT (lb)	0.0000224531
MINPW (ms)	0.272

FNPW_LSCOMP

Pressure (psid)	Multiplier
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20.01	0.7575
30.02	0.8851
39.15	1.0000
50.03	1.1128
54.96	1.1562
60.03	1.2005

FNPW_BKCOMP

Pressure (psid)	Multiplier
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20.01	0.6902
30.02	0.8538
39.15	1.0000
50.03	1.1243
54.96	1.1663
60.03	1.2111

FNPW_OFFSET

VBAT (volts)	Voltage Offset (ms)
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6	3.421
8	2.586
10	1.754
11	1.502
12	1.332
13	1.199
14	1.088
15	0.992

FNPW_HSCOMP

Pressure (psid)	Multiplier
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20.01	0.7370
30.02	0.8750
39.15	1.0000
50.03	1.1344
54.96	1.1888
60.03	1.2413

FNPW_OFFCOMP

Pressure (psid)	Multiplier
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20.01	0.9032
30.02	0.9538
39.15	1.0000
44.95	1.0296
50.03	1.0560
54.96	1.0829
60.03	1.1124

ALOSL	"low" injector slope
AHISL	"high" injector slope
FUEL_BKPT	Fuel mass at which to switch from low to high injector slope
MINPW	Minimum repeatable fuel pulsewidth at 39.15 psid
FNPW_LSCOMP	Multiplier to low slope as a function of injection pressure in psid
FNPW_HSCOMP	Multiplier to high slope as a function of injection pressure in psid
FNPW_BKCOMP	Multiplier to FUEL_BKPT as a function of injection pressure in psid
FNPW_OFFSET	Injector voltage offset as a function of battery voltage
FNPW_OFFCOMP	Multiplier on FNPW_OFFSET as a function of injection pressure in psid

