



## Ford Fuel Injector Calibration Summary

**PN: 18u-00-0042-6, 18u-00-0042-8, 18u-01-0042-8**  
**Target Injection Pressure = 39.15 psid**

<b>LO-SLP (lb/s)</b>	0.015428
<b>HI-SLP (lb/s)</b>	0.011081
<b>FUEL-BKPT (lb)</b>	0.0000141729
<b>MIN-PW (ms)</b>	0.725
<b>ST-FLO (lb/hr)</b>	42.5

<b>OFFSET</b>	
VBAT (volts)	Voltage Offset (ms)
6	2.993
8	2.208
10	1.647
11	1.429
12	1.246
13	1.090
14	0.959
15	0.848

<b>COMP-LS</b>	
Pressure (psid)	Multiplier
20.01	0.7149
30.02	0.8757
39.15	1.0000
50.03	1.1304
54.96	1.1848
60.03	1.2383

<b>COMP-HS</b>	
Pressure (psid)	Multiplier
20.01	0.7149
30.02	0.8757
39.15	1.0000
50.03	1.1304
54.96	1.1848
60.03	1.2383

<b>COMP-BKPT</b>	
Pressure (psid)	Multiplier
20.01	0.7149
30.02	0.8757
39.15	1.0000
50.03	1.1191
54.96	1.1611
60.03	1.2012

<b>COMP-OFFSET</b>	
Pressure (psid)	Multiplier
20.01	0.7149
30.02	0.8757
39.15	1.0000
44.95	1.0715
50.03	1.1122
54.96	1.1935
60.03	1.2341

**KEY:**

- LO-SLP "low" injector slope
- HI-SLP "high" injector slope
- FUEL-BKPT fuel breakpoint - fuel mass at which to switch from low to high injector slope
- MIN-PW minimum repeatable fuel pulsewidth at 39.15 psid
- ST-FLO static flow rate at 39.2psi with n-heptane
- OFFSET injector voltage offset as a function of battery voltage
- COMP-LS multiplier to LO-SLP as a function of injection pressure in psid
- COMP-HS multiplier to HI-SLP as a function of injection pressure in psid
- COMP-BKPT multiplier to FUEL-BKPT as a function of injection pressure in psid
- COMP-OFFSET multiplier to OFFSET as a function of injection pressure in psid