



Ford Fuel Injector Calibration Summary

PN: 18u-00-0039-6, 18u-00-0039-8, 18u-01-0039-8

Target Injection Pressure = 39.15 psid

LO-SLP (lb/s)	0.009686
HI-SLP (lb/s)	0.010856
FUEL-BKPT (lb)	0.0000133986
MIN-PW (ms)	0.725
ST-FLO (lb/hr)	40.2

OFFSET	
VBAT (volts)	Voltage Offset (ms)
6	3.094
8	2.141
10	1.479
11	1.228
12	1.018
13	0.844
14	0.698
15	0.577

COMP-LS	
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

COMP-HS	
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

COMP-BKPT	
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

COMP-OFFSET	
Pressure (psid)	Multiplier
20.01	0.7149
30.02	0.8757
39.15	1.0000
44.95	1.0715
50.03	1.1119
54.96	1.1926
60.03	1.2329

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