



## Ford Fuel Injector Calibration Summary

**PN: 18u-00-0088-6, 18u-00-0088-8, 18u-01-0088-8**

**Target Injection Pressure = 39.15 psid**

|                       |              |
|-----------------------|--------------|
| <b>LO-SLP (lb/s)</b>  | 0.017233     |
| <b>HI-SLP (lb/s)</b>  | 0.024403     |
| <b>FUEL-BKPT (lb)</b> | 0.0000292885 |
| <b>MIN-PW (ms)</b>    | 0.725        |
| <b>ST-FLO (lb/hr)</b> | 87.9         |

| <b>OFFSET</b>   |                        |
|-----------------|------------------------|
| VBAT<br>(volts) | Voltage Offset<br>(ms) |
| 6               | 3.346                  |
| 8               | 2.341                  |
| 10              | 1.609                  |
| 11              | 1.322                  |
| 12              | 1.077                  |
| 13              | 0.868                  |
| 14              | 0.689                  |
| 15              | 0.537                  |

| <b>COMP-LS</b>     |            |
|--------------------|------------|
| Pressure<br>(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<br>(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<br>(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<br>(psid) | Multiplier |
| 20.01              | 0.7149     |
| 30.02              | 0.8757     |
| 39.15              | 1.0000     |
| 44.95              | 1.0715     |
| 50.03              | 1.0828     |
| 54.96              | 1.1054     |
| 60.03              | 1.1167     |

**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               |