



## 5.0 Coyote Specific Fuel Injector Calibration

**PN: 18u-xx-0095-xx**

**Target Injection Pressure = 59 psid**

|                       |              |
|-----------------------|--------------|
| <b>LO-SLP (lb/s)</b>  | 0.032303873  |
| <b>HI-SLP (lb/s)</b>  | 0.030067627  |
| <b>FUEL-BKPT (lb)</b> | 0.0000124516 |
| <b>MIN-PW (ms)</b>    | 0.725        |
| <b>ST-FLO (lb/hr)</b> | 105.1        |

| <b>OFFSET</b>  |                       |
|----------------|-----------------------|
| <b>VBAT</b>    | <b>Voltage Offset</b> |
| <b>(volts)</b> | <b>(ms)</b>           |
| 6              | 3.422                 |
| 8              | 2.632                 |
| 10             | 1.980                 |
| 11             | 1.705                 |
| 12             | 1.464                 |
| 13             | 1.258                 |
| 14             | 1.086                 |
| 15             | 0.947                 |

**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                       |