

Series 1: Initial swap out of original injectors (200k) with rebuilt injectors. Initial reading was taken with 300-350 miles driven on injectors. Prior to first reading taken, noticed very smooth engine running and “balanced” feel of engine at idle. After this period, started noticing semi rough running, and an unbalanced idle. (Not missing!! Just an off balance feel, engine overall noise level also increased 40%) These periods of smooth and rough seemed to come and go at random. “Initial install” series below represents this condition.

Series 2: Swapped injector 2 with 4 to determine if Cylinder 2 low reading would follow the injector. “After Swap” represents results. (Directly after swap, quick travel of 2 miles was done to ensure air was completely purged from system after swap. Reading was done after this.

Series 3: No further injector swap done, but took reading when car was running better inside a “smooth-balanced” condition. This was done roughly a 100 miles after previous swap occurred. This condition is represented by the “Plus 100 miles” series below.

Series 4: This was taken approximately 4 hours after series 3 was read. The car was drove about 4 miles, then parked and cooled down for about 4 hours. Then restarted, and at this point I knew it was running rough again, driven a couple miles and back up to temp and checked. “Plus 4 hours” illustrates this condition.

(Note: No CEL codes came on before or during this process, nor did any other adjustment occur, including Injection Quantity)

