

| Vehicle:  | 2008 Silverado 5.3L Flex Fuel "0" engine |             |                 |           |               |         |                             |                       |                          |                         |                            |                            |               |   |   |
|---|--|-------------|-----------------|-----------|---------------|---------|-----------------------------|-----------------------|--------------------------|-------------------------|----------------------------|----------------------------|---------------|---|---|
| Mileage:  | 130000                                   |             |                 |           |               |         |                             |                       |                          |                         |                            |                            |               |   |   |
| Fuel:   | 87/89 Octane blend                       |             |                 |           |               |         |                             |                       |                          |                         |                            |                            |               |   |   |
| Testing was performed with a closed hood on a Mainline Dynolog  |  |             |                 |           |               |         |                             |                       |                          |                         |                            |                            |               |   |   |
| Test vehicle was octane limited, knocking slightly with all intakes at various points. Testing with better fuel may yield different results   |  |             |                 |           |               |         |                             |                       |                          |                         |                            |                            |               |   |   |
| Results below are the average of three dyno pulls for each intake   |  |             |                 |           |               |         |                             |                       |                          |                         |                            |                            |               |   |   |
| Intake Model  | Install Time                             | Peak/Avg HP | Peak/Avg Torque | Hp Output | Torque Output | RPM     | Cylinder Air Mass (g/cyl) * | Ambient Air Temp (°F) | Dyno Intake Reading (°F) | MAF Intake Reading (°F) | Atmospheric Pressure (kPa) | Manifold Pressure (kPa) ** | Build Quality | Dyno Graph  | Notes   |
| Stock   | --                                       | 255 / 198.6 | 267 / 248       | 115       | 214           | 2765rpm | 0.55                        | 84                    | 99                       | 100                     | 97                         | 97                         |               | <a href="https://dl.dropbox.com/u/55742651/Inf">https://dl.dropbox.com/u/55742651/Inf</a> |   |
|   |  |             |                 | 129       | 225           | 3041rpm | 0.548                       | 84                    | 99                       | 100                     | 97                         |                            |               |   |   |
|   |  |             |                 | 159       | 244           | 3502rpm | 0.564                       | 84                    | 99                       | 100                     | 97                         |                            |               |   |   |
|   |  |             |                 | 193       | 256           | 4055rpm | 0.602                       | 84                    | 99                       | 100                     | 97                         |                            |               |   |   |
|   |  |             |                 | 219       | 265           | 4516rpm | 0.615                       | 84                    | 100                      | 100                     | 97                         |                            |               |   |   |
|   |  |             |                 | 245       | 264           | 5069rpm | 0.62                        | 84                    | 100                      | 100                     | 97                         |                            |               |   |   |
|   |  |             |                 | 255       | 255           | 5530rpm | 0.6                         | 84                    | 100                      | 100                     | 97                         |                            |               |   |   |
| AEM   | 17min, 31sec                             | 259 / 200.4 | 267 / 250.5     | 117       | 218           | 2765rpm | 0.536                       | 84                    | 105                      | 108                     | 97                         | 96                         |               | <a href="https://dl.dropbox.com/u/55742651/Inf">https://dl.dropbox.com/u/55742651/Inf</a> | Picture on instructions different than filter box, Heat shield separators not cut to box size |
|   |  |             |                 | 132       | 230           | 3041rpm | 0.541                       | 84                    | 105                      | 108                     | 97                         |                            |               |   |   |
|   |  |             |                 | 159       | 244           | 3502rpm | 0.554                       | 84                    | 105                      | 109                     | 97                         |                            |               |   |   |
|   |  |             |                 | 193       | 258           | 4055rpm | 0.583                       | 84                    | 105                      | 109                     | 97                         |                            |               |   |   |
|   |  |             |                 | 221       | 266           | 4516rpm | 0.606                       | 84                    | 105                      | 109                     | 97                         |                            |               |   |   |
|   |  |             |                 | 247       | 266           | 5069rpm | 0.605                       | 84                    | 105                      | 110                     | 97                         |                            |               |   |   |
|   |  |             |                 | 259       | 259           | 5530rpm | 0.583                       | 84                    | 105                      | 110                     | 97                         |                            |               |   |   |
| Airaid Jr   | 10min, 06sec                             | 264 / 204.4 | 275 / 254.5     | 117       | 220           | 2765rpm | 0.55                        | 82                    | 97                       | 99                      | 97                         | 96                         |               | <a href="https://dl.dropbox.com/u/55742651/Inf">https://dl.dropbox.com/u/55742651/Inf</a> |   |
|   |  |             |                 | 135       | 235           | 3041rpm | 0.555                       | 82                    | 97                       | 99                      | 97                         |                            |               |   |   |
|   |  |             |                 | 162       | 247           | 3502rpm | 0.57                        | 82                    | 97                       | 99                      | 97                         |                            |               |   |   |
|   |  |             |                 | 197       | 262           | 4055rpm | 0.607                       | 82                    | 97                       | 99                      | 97                         |                            |               |   |   |
|   |  |             |                 | 226       | 272           | 4516rpm | 0.629                       | 82                    | 97                       | 99                      | 97                         |                            |               |   |   |
|   |  |             |                 | 252       | 271           | 5069rpm | 0.628                       | 82                    | 97                       | 98                      | 97                         |                            |               |   |   |
|   |  |             |                 | 264       | 262           | 5530rpm | 0.602                       | 82                    | 97                       | 98                      | 97                         |                            |               |   |   |
| Volant  | 11min, 17sec                             | 264 / 203.8 | 274 / 253.7     | 118       | 222           | 2765rpm | 0.548                       | 84                    | 96                       | 99                      | 97                         | 97                         |               | <a href="https://dl.dropbox.com/u/55742651/Inf">https://dl.dropbox.com/u/55742651/Inf</a> |   |
|   |  |             |                 | 133       | 230           | 3041rpm | 0.552                       | 84                    | 96                       | 99                      | 97                         |                            |               |   |   |
|   |  |             |                 | 161       | 248           | 3502rpm | 0.569                       | 84                    | 96                       | 99                      | 97                         |                            |               |   |   |
|   |  |             |                 | 197       | 263           | 4055rpm | 0.602                       | 84                    | 96                       | 99                      | 97                         |                            |               |   |   |
|   |  |             |                 | 225       | 270           | 4516rpm | 0.629                       | 84                    | 96                       | 99                      | 97                         |                            |               |   |   |
|   |  |             |                 | 252       | 271           | 5069rpm | 0.632                       | 84                    | 96                       | 99                      | 97                         |                            |               |   |   |
|   |  |             |                 | 263       | 262           | 5530rpm | 0.61                        | 84                    | 96                       | 99                      | 97                         |                            |               |   |   |
| CAI   | 16min, 56sec                             | 263 / 203   | 272 / 252.7     | 116       | 218           | 2765rpm | 0.559                       | 84                    | 99                       | 103                     | 97                         | 97                         |               | <a href="https://dl.dropbox.com/u/55742651/Inf">https://dl.dropbox.com/u/55742651/Inf</a> | Performed very well at high RPM on street   |
|   |  |             |                 | 132       | 231           | 3041rpm | 0.562                       | 84                    | 99                       | 105                     | 97                         |                            |               |   |   |
|   |  |             |                 | 161       | 246           | 3502rpm | 0.576                       | 84                    | 99                       | 104                     | 97                         |                            |               |   |   |
|   |  |             |                 | 196       | 262           | 4055rpm | 0.616                       | 84                    | 99                       | 104                     | 97                         |                            |               |   |   |
|   |  |             |                 | 224       | 268           | 4516rpm | 0.639                       | 84                    | 99                       | 104                     | 97                         |                            |               |   |   |
|   |  |             |                 | 251       | 270           | 5069rpm | 0.638                       | 84                    | 99                       | 102                     | 97                         |                            |               |   |   |
|   |  |             |                 | 263       | 262           | 5530rpm | 0.616                       | 84                    | 99                       | 102                     | 97                         |                            |               |   |   |
| K&N   | 24min, 36sec                             | 264 / 202.4 | 271 / 252       | 116       | 223           | 2765rpm | 0.547                       | 83                    | 108                      | 109                     | 97                         | 97                         |               | <a href="https://dl.dropbox.com/u/55742651/Inf">https://dl.dropbox.com/u/55742651/Inf</a> |   |
|   |  |             |                 | 133       | 233           | 3041rpm | 0.555                       | 83                    | 108                      | 109                     | 97                         |                            |               |   |   |
|   |  |             |                 | 160       | 246           | 3502rpm | 0.571                       | 83                    | 109                      | 110                     | 97                         |                            |               |   |   |
|   |  |             |                 | 194       | 259           | 4055rpm | 0.605                       | 83                    | 109                      | 111                     | 97                         |                            |               |   |   |
|   |  |             |                 | 223       | 268           | 4516rpm | 0.627                       | 83                    | 109                      | 112                     | 97                         |                            |               |   |   |
|   |  |             |                 | 249       | 268           | 5069rpm | 0.631                       | 83                    | 110                      | 112                     | 97                         |                            |               |   |   |
|   |  |             |                 | 261       | 260           | 5530rpm | 0.611                       | 83                    | 110                      | 112                     | 97                         |                            |               |   |   |
| * Cylinder air mass is representative of multiple things. First, when properly tuned, torque output will be directly proportional to air mass, thus, this can be an indication of torque potential. However, cylinder air mass is also an indication of how much "correction" an intake will need via tuning in order to run properly. If a reading is significantly different from stock, then chances are high that the intake will require tuning. |  |             |                 |           |               |         |                             |                       |                          |                         |                            |                            |               |   |   |
| ** Intake Manifold pressure is a representation of restriction (or lack thereof). In a perfect world, intake manifold pressure would be equal to atmospheric pressure at all points at full throttle, which would represent no restriction present. With that in mind, the difference between atmospheric pressure and manifold pressure represents the potential power that is left on the table.  |  |             |                 |           |               |         |                             |                       |                          |                         |                            |                            |               |   |   |