

| Time  | Engine Spe | Ignition Ti | Engine Load (g | Air Flow Sensor | Intake Air Temp | Primary Wastegate Dut | Intake VVT | Intake VVT | Intake OCV Duty Right (%) | Intake OCV Duty Left (%) | Mass Air Flow (g/s | Manifold R | Vehicle Spr | Throttle Opening Angle (%) |
|-------|------------|-------------|----------------|-----------------|-----------------|-----------------------|------------|------------|---------------------------|--------------------------|--------------------|------------|-------------|----------------------------|
| 203   | 2182       | 26          | 59.22          | 2.58            | 34              | 57.25                 | 0          | 0          | 9.41                      | 9.41                     | 40.59              | 1.016      | 30          | 26.27                      |
| 390   | 2292       | 25          | 56.47          | 2.64            | 34              | 31.37                 | 0          | 0          | 9.41                      | 9.41                     | 43.18              | 1.016      | 32          | 26.27                      |
| 593   | 2375       | 24          | 54.12          | 2.7             | 34              | 20                    | 0          | 0          | 9.41                      | 9.41                     | 46.8               | 1.451      | 33          | 27.06                      |
| 781   | 2476       | 22          | 55.69          | 2.78            | 34              | 20.39                 | 0          | 0          | 9.41                      | 9.41                     | 51.13              | 1.886      | 35          | 28.24                      |
| 984   | 2616       | 22          | 56.86          | 2.84            | 34              | 27.45                 | 0          | 0          | 9.41                      | 9.41                     | 54.32              | 2.322      | 36          | 27.84                      |
| 1171  | 2725       | 22          | 59.61          | 2.94            | 34              | 38.43                 | 0          | 0          | 9.41                      | 9.41                     | 60.38              | 2.902      | 38          | 28.63                      |
| 1375  | 2876       | 22          | 60.39          | 2.98            | 34              | 42.35                 | 0          | 0          | 9.41                      | 9.41                     | 63.5               | 3.337      | 40          | 28.24                      |
| 1562  | 2980       | 22          | 61.18          | 3.06            | 34              | 43.14                 | 0          | 0          | 43.14                     | 52.94                    | 68.25              | 4.063      | 41          | 29.02                      |
| 1765  | 3126       | 21          | 67.84          | 3.22            | 34              | 47.06                 | 0          | 0          | 43.14                     | 52.94                    | 77.28              | 5.804      | 43          | 33.33                      |
| 1953  | 3250       | 18          | 75.69          | 3.36            | 34              | 47.06                 | 0          | 0          | 43.14                     | 52.94                    | 92.6               | 7.835      | 45          | 36.86                      |
| 2156  | 3424       | 16          | 86.27          | 3.6             | 33              | 49.02                 | 0          | 0          | 43.14                     | 52.94                    | 115.92             | 11.027     | 48          | 61.57                      |
| 2343  | 3630       | 14          | 95.69          | 3.82            | 33              | 49.8                  | 0          | 0          | 43.14                     | 52.94                    | 140.67             | 13.929     | 50          | 100                        |
| 2546  | 3846       | 13          | 100            | 3.9             | 33              | 49.8                  | 0          | 0          | 43.14                     | 52.94                    | 149.76             | 15.38      | 53          | 100                        |
| 2734  | 4038       | 14          | 100            | 3.98            | 33              | 49.8                  | 0          | 0          | 43.14                     | 52.94                    | 161.78             | 15.235     | 56          | 100                        |
| 2937  | 4228       | 13          | 100            | 4.04            | 33              | 50.2                  | 0          | 0          | 43.14                     | 52.94                    | 169.36             | 14.655     | 59          | 100                        |
| 3125  | 4464       | 13          | 100            | 4.12            | 33              | 50.98                 | 0          | 0          | 43.14                     | 52.94                    | 185.63             | 14.075     | 62          | 100                        |
| 3328  | 4698       | 14          | 100            | 4.18            | 33              | 61.18                 | 0          | 0          | 43.14                     | 52.94                    | 192.33             | 14.22      | 65          | 100                        |
| 3515  | 4911       | 15          | 100            | 4.26            | 33              | 66.67                 | 0          | 0          | 43.14                     | 52.94                    | 206.22             | 14.365     | 68          | 100                        |
| 3703  | 5084       | 24          | 100            | 3.92            | 32              | 0                     | 0          | 0          | 43.14                     | 52.94                    | 143.46             | 8.125      | 71          | 29.41                      |
| 3906  | 4925       | 7           | 11.76          | 2.2             | 32              | 0                     | 0          | 0          | 43.14                     | 52.94                    | 20.68              | -7.255     | 72          | 11.76                      |
| 4093  | 4776       | 8           | 11.37          | 2.12            | 32              | 0                     | 0          | 0          | 43.14                     | 52.94                    | 20.87              | -10.157    | 73          | 11.76                      |
| 4296  | 4704       | 34          | 23.53          | 2.74            | 32              | 0                     | 0          | 0          | 43.14                     | 52.94                    | 53.21              | -6.529     | 72          | 26.27                      |
| 4484  | 3491       | 29          | 63.14          | 3.26            | 32              | 49.41                 | 0          | 0          | 43.14                     | 52.94                    | 81.03              | 2.322      | 73          | 100                        |
| 4687  | 3609       | 20          | 74.51          | 3.5             | 32              | 49.41                 | 0          | 0          | 43.14                     | 52.94                    | 108.27             | 6.529      | 74          | 100                        |
| 4875  | 3692       | 16          | 91.76          | 3.78            | 32              | 49.41                 | 0          | 0          | 43.14                     | 52.94                    | 134.46             | 11.608     | 76          | 100                        |
| 5078  | 3793       | 14          | 100            | 3.9             | 32              | 49.41                 | 0          | 0          | 43.14                     | 52.94                    | 146.81             | 14.945     | 78          | 100                        |
| 5265  | 3894       | 13          | 100            | 3.92            | 32              | 48.24                 | 0          | 0          | 43.14                     | 52.94                    | 149.46             | 15.671     | 80          | 100                        |
| 5468  | 4012       | 14          | 100            | 3.92            | 32              | 49.41                 | 0          | 0          | 43.14                     | 52.94                    | 149.76             | 15.09      | 82          | 100                        |
| 5656  | 4095       | 14          | 100            | 3.98            | 31              | 49.41                 | 0          | 0          | 43.14                     | 52.94                    | 160.06             | 15.235     | 84          | 100                        |
| 5859  | 4230       | 14          | 100            | 4.02            | 31              | 49.8                  | 0          | 0          | 43.14                     | 52.94                    | 165.14             | 15.09      | 86          | 100                        |
| 6046  | 4321       | 13          | 100            | 4.06            | 31              | 49.8                  | 0          | 0          | 43.14                     | 52.94                    | 173.61             | 14.655     | 88          | 100                        |
| 6250  | 4415       | 14          | 100            | 4.1             | 31              | 50.2                  | 0          | 0          | 43.14                     | 52.94                    | 180.71             | 14.51      | 90          | 100                        |
| 6437  | 4477       | 14          | 100            | 4.14            | 31              | 53.33                 | 0          | 1          | 42.35                     | 52.94                    | 186.33             | 14.51      | 92          | 100                        |
| 6640  | 4570       | 14          | 100            | 4.18            | 31              | 57.25                 | 0          | 0          | 43.14                     | 52.94                    | 187.93             | 14.8       | 94          | 100                        |
| 6828  | 4694       | 14          | 100            | 4.22            | 31              | 59.22                 | 0          | 0          | 43.14                     | 52.94                    | 195.43             | 15.09      | 97          | 100                        |
| 7031  | 4818       | 15          | 100            | 4.26            | 31              | 61.96                 | 0          | 0          | 43.14                     | 52.94                    | 201.48             | 15.09      | 99          | 100                        |
| 7218  | 4928       | 15          | 100            | 4.28            | 31              | 63.53                 | 0          | 0          | 43.14                     | 52.94                    | 209.24             | 15.235     | 101         | 100                        |
| 7421  | 5049       | 16          | 100            | 4.3             | 31              | 67.06                 | 0          | 0          | 43.14                     | 52.94                    | 210.6              | 15.09      | 103         | 100                        |
| 7609  | 5115       | 16          | 100            | 4.32            | 31              | 67.84                 | 0          | 0          | 43.14                     | 52.94                    | 213.45             | 15.09      | 105         | 100                        |
| 7812  | 5213       | 16          | 100            | 4.38            | 31              | 68.24                 | 0          | 0          | 43.14                     | 52.94                    | 221.57             | 14.945     | 107         | 100                        |
| 8000  | 5286       | 17          | 100            | 4.36            | 31              | 69.8                  | 0          | 0          | 43.14                     | 52.94                    | 218.73             | 14.655     | 109         | 100                        |
| 8203  | 5408       | 17          | 100            | 4.38            | 31              | 70.59                 | 0          | 0          | 43.14                     | 52.94                    | 220.64             | 14.51      | 111         | 100                        |
| 8390  | 5438       | 8           | 28.24          | 2.66            | 31              | 0                     | 0          | 0          | 43.14                     | 52.94                    | 34.95              | -4.788     | 112         | 12.16                      |
| 8593  | 5488       | 13          | 9.41           | 2.1             | 30              | 0                     | 0          | 0          | 43.14                     | 52.94                    | 20.45              | -10.157    | 112         | 11.37                      |
| 8781  | 5287       | 27          | 9.41           | 2.06            | 30              | 0                     | 0          | 0          | 43.14                     | 52.94                    | 18.85              | -10.882    | 112         | 12.16                      |
| 8968  | 4470       | 32          | 33.33          | 3.12            | 30              | 0                     | 0          | 0          | 43.14                     | 52.94                    | 71.68              | -3.773     | 112         | 31.37                      |
| 9171  | 4188       | 11          | 59.22          | 3.5             | 30              | 49.41                 | 0          | 0          | 43.14                     | 52.94                    | 104.99             | 3.047      | 113         | 94.51                      |
| 9375  | 4142       | 19          | 87.06          | 3.88            | 30              | 49.41                 | 0          | 0          | 43.14                     | 52.94                    | 143.56             | 9.867      | 114         | 100                        |
| 9562  | 4212       | 14          | 100            | 4.04            | 30              | 49.41                 | 0          | 0          | 43.14                     | 52.94                    | 173.61             | 14.945     | 115         | 100                        |
| 9765  | 4232       | 13          | 100            | 4.06            | 30              | 49.8                  | 0          | 0          | 43.14                     | 52.94                    | 172.01             | 15.671     | 117         | 100                        |
| 9953  | 4297       | 14          | 100            | 3.92            | 30              | 18.82                 | 0          | 0          | 43.14                     | 52.94                    | 145.43             | 12.914     | 118         | 39.61                      |
| 10156 | 4319       | 19          | 69.02          | 3.54            | 30              | 8.24                  | 0          | 0          | 43.14                     | 52.94                    | 108.82             | 5.949      | 119         | 31.37                      |
| 10343 | 4406       | 20          | 67.84          | 3.74            | 30              | 46.67                 | 0          | 0          | 43.14                     | 52.94                    | 131.25             | 6.384      | 120         | 44.31                      |
| 10531 | 4453       | 16          | 97.65          | 4.1             | 30              | 52.16                 | 0          | 1          | 43.14                     | 52.94                    | 179.56             | 12.769     | 122         | 100                        |
| 10734 | 4469       | 12          | 100            | 4.16            | 30              | 50.59                 | 0          | 0          | 43.14                     | 52.94                    | 190.14             | 15.235     | 123         | 66.27                      |
| 10937 | 4503       | 21          | 75.69          | 3.54            | 30              | 0                     | 0          | 0          | 42.35                     | 52.94                    | 106.02             | 5.659      | 125         | 27.84                      |
| 11125 | 4547       | 29          | 46.67          | 3.2             | 30              | 0                     | 0          | 0          | 43.14                     | 52.94                    | 77.59              | -0.58      | 125         | 25.49                      |
| 11312 | 4547       | 32          | 30.2           | 2.68            | 30              | 0                     | 0          | 0          | 43.14                     | 52.94                    | 45.34              | -6.094     | 125         | 16.86                      |
| 11515 | 4536       | 30          | 19.22          | 2.32            | 30              | 0                     | 0          | 0          | 43.14                     | 52.94                    | 25.75              | -8.996     | 125         | 12.94                      |
| 11703 | 4463       | 23          | 11.76          | 2.06            | 30              | 0                     | 0          | 0          | 43.14                     | 52.94                    | 18.69              | -10.447    | 124         | 10.98                      |
| 11906 | 4498       | 22          | 10.59          | 2.04            | 30              | 0                     | 0          | 1          | 42.35                     | 52.94                    | 15.81              | -10.592    | 124         | 11.37                      |
| 12093 | 4472       | 22          | 10.59          | 2.04            | 30              | 0                     | 0          | 0          | 42.35                     | 52.94                    | 18.13              | -10.592    | 123         | 11.37                      |
| 12296 | 4454       | 22          | 10.59          | 2.04            | 30              | 0                     | 0          | 0          | 42.35                     | 52.94                    | 15.41              | -10.737    | 122         | 11.37                      |
| 12484 | 4376       | 22          | 10.2           | 2.02            | 30              | 0                     | 0          | 1          | 42.35                     | 52.94                    | 17.62              | -10.737    | 121         | 10.98                      |