



### TiALSport F41 Spring Pressure Chart

| Pressure<br>(Bar) | Pressure<br>(PSI) | P/N    | Description/<br>Color | O.D.<br>(in) |
|-------------------|-------------------|--------|-----------------------|--------------|
| 0.60              | 8.70              | 002188 | Small Blue            | 1.88         |
| 0.50              | 7.25              | 002189 | Small Green           | 1.88         |
| 0.40              | 5.80              | 002191 | Small Red             | 1.88         |
| 0.30              | 4.35              | 002190 | Small Orange          | 1.88         |
| 0.25              | 3.60              | 002192 | Small Yellow          | 1.88         |
|                   |                   |        |                       |              |
| 1.00              | 14.50             | 001838 | Large Blue            | 2.36         |
| 0.90              | 13.00             | 001839 | Large Green           | 2.36         |
| 0.80              | 11.60             | 001840 | Large Red             | 2.36         |
| 0.70              | 10.15             | 001841 | Large Yellow          | 2.36         |

**Note:** Springs of different O.D. can be combined to provide higher levels of boost. The resultant pressure is equal to the sum values of the individual springs.

**Note:** Boost pressure values are an approximation based on intake manifold pressure equaling exhaust manifold pressure. Variances in those values can result in the actual boost pressure differing from the rated value.

**Note:** Bench (static) testing will yield different values due to the lack of exhaust manifold pressure. Please refer to the Static Testing Instructions, linked here:

<https://tialsport.com/wp-content/uploads/2022/12/Wastegate-Static-Testing.pdf>