

Figure A19 Setting Individual Spring Seated Heights in Recording Screen

You can also change the Seated Height in the Recording Screen. Note that when you change it, the Open Ht changes also to keep the valve lift the same.

Seated Ht was changed .003 and so the program changed Open Ht .003 also.

Report when using Individual Seated Hts. Note that each Seated Height can be different.

| Cylinder     | Spring Rate | Open Force | Open Height | Seated Force | Seated Height | Non Linear % | Bind Ht | Clearance | Ht for Force |
|--------------|-------------|------------|-------------|--------------|---------------|--------------|---------|-----------|--------------|
| Int #1       | 215.3 <     | 141.8      | 1.209       | 26.4         | 1.745         | 11.0         | -.100   | 1.309     | 1.216        |
| Exh #1       | 216.9 <     | 142.3      | 1.210       | 24.5         | 1.753         | 10.7         | -.100   | 1.310     | 1.205        |
| Int #2       | 217.6 <     | 141.7      | 1.212       | 25.1         | 1.748         | 9.7          | -.100   | 1.312     | 1.218        |
| Exh #2       | 218.7 <     | 143.6      | 1.205       | 24.9         | 1.748         | 9.7          | -.100   | 1.305     | 1.205        |
| Int #3       | 213.3 <     | 144.2      | 1.202       | 29.9         | 1.738         | 12.9         | -.100   | 1.302     | 1.218        |
| Exh #3       | 223.0 <     | 143.7      | 1.207       | 22.7         | 1.750         | 7.5          | -.100   | 1.307     | 1.207        |
| Int #4       | 215.5 <     | 143.8      | 1.205       | 28.3         | 1.741         | 12.9         | -.100   | 1.305     | 1.218        |
| Exh #4       | 215.1 <     | 144.8      | 1.203       | 27.9         | 1.746         | 12.3         | -.100   | 1.303     | 1.208        |
| Int. Maximum | 217.6       | 144.2      | 1.212       | 29.9         | 1.748         | 12.9         | -.100   | 1.312     | 1.218        |
| Int. Minimum | 213.3       | 141.7      | 1.202       | 25.1         | 1.738         | 9.7          | -.100   | 1.302     | 1.216        |
| Int. Spread  | 4.3         | 2.5        | .010        | 4.8          | .010          | 3.2          | .000    | .010      | .002         |
| Int. Average | 215.4       | 142.9      | 1.207       | 27.4         | 1.743         | 11.6         | -.100   | 1.307     | 1.218        |
| Exh. Maximum | 223.0       | 144.8      | 1.210       | 27.9         | 1.753         | 12.3         | -.100   | 1.310     | 1.208        |
| Exh. Minimum | 215.1       | 142.3      | 1.203       | 22.7         | 1.746         | 7.5          | -.100   | 1.303     | 1.205        |
| Exh. Spread  | 7.9         | 2.5        | .007        | 5.2          | .007          | 4.8          | .000    | .007      | .003         |
| Exh. Average | 218.4       | 143.6      | 1.206       | 25.0         | 1.749         | 10.1         | -.100   | 1.306     | 1.206        |