



## Valve tuning kit

In your valve tuning kit you will find four springs and three spacers. The strongest spring is the red, followed by the blue, yellow and finally the green which is the weakest. The spacers enable you to fine tune the settings between two spring tensions if required.

We normally supply our valves, unless requested differently, with a spring that will match the tension of the manufacturer's original fitment valve. However, as many owners undertake tuning modifications some may wish to re-tune the valve characteristics to suit a given application.

If you are finding that the valve is dumping more than required or you are losing boost pressure it is normally an indication that a stronger spring is required. Conversely if the valve is failing to dump it may be necessary to install a weaker spring. If during this tuning of your valve you are faced for example with the red spring being too strong and the blue spring too weak, you can add the spacers to the blue spring to increase the tension by small increments, thus achieving a setting between the red and blue springs.

Please note that fitting a stronger spring into a valve will not increase boost pressure unless existing pressure is being lost. Failure to allow the valve to operate by installing a spring which is too strong may cause damage to the turbocharger.

Please note the red coded springs should not be installed in the DVR or DV007 diaphragm valves