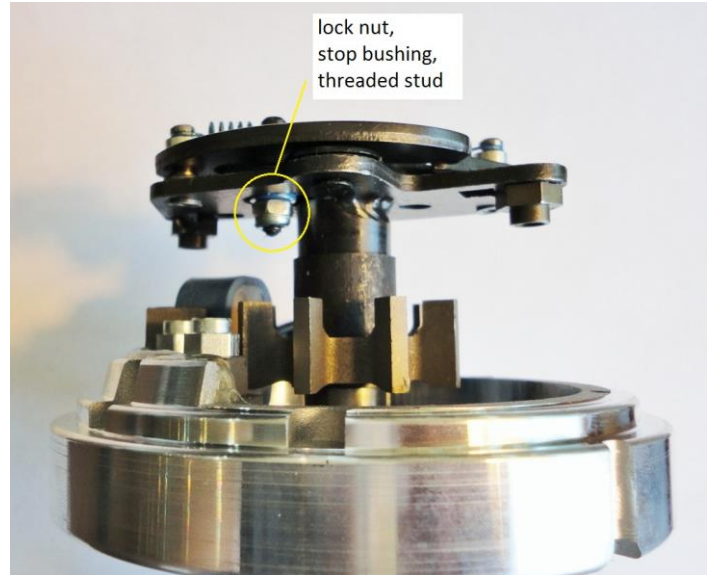


## Installation Instructions for 40090

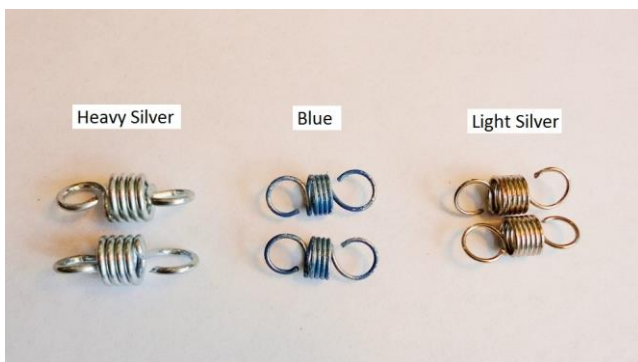
### Mechanical Advance Curve Kit

This kit is for use with JEGS SSR-II Forged Distributors (40060, 40061, 40065, 40066, 40067) and Most MSD Billet & Pro Billet Distributors.

**Stop bushings** limit the amount of mechanical advance that the distributor can produce. The photo below shows the amount of mechanical advance that each bushing will allow. To change the stop bushing, remove the locking nut from the threaded stud on the bottom of the advance plate assembly. See photo below. Please note that on some applications it may be necessary to remove the distributor gear and/or stop collar on the shaft and slide the shaft assembly upward to gain sufficient clearance to remove the stop bushing.

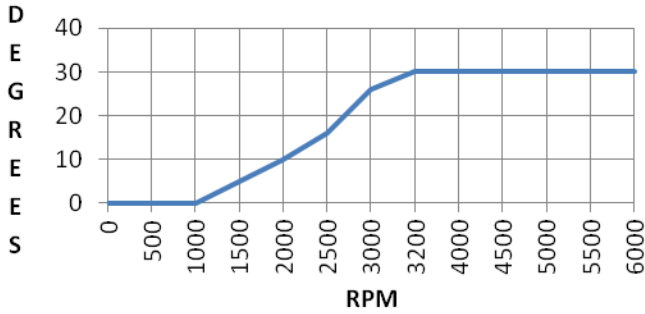


**Advance springs** determine the starting point and the rate at which the mechanical advance happens. They do this by resisting the centrifugal movement of the advance weights. Lighter weight springs allow the advance weights to move sooner and more quickly, while heavy spring springs allow the advance weights to move more slowly. See photo below. To change the advance spring use a pair of needle nose pliers and make sure the springs are seated in the grooves on the pins.

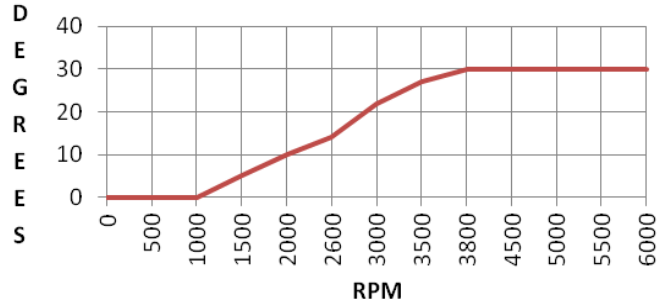


The charts below illustrate the typical mechanical advance curves that are produced by using the noted spring type combinations.

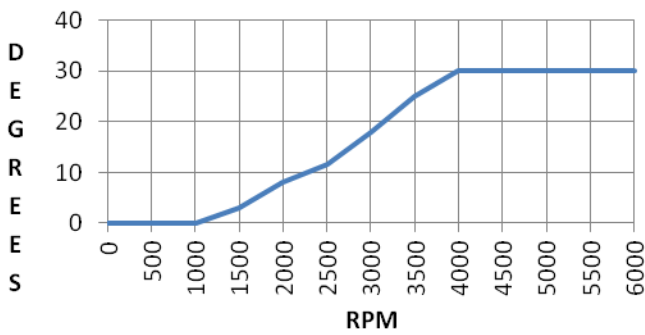
**Timing Curve - 2 LT Silver Springs**



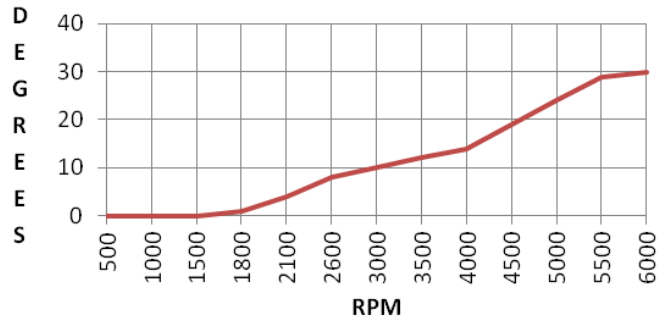
**Timing Curve - 1 Blue & 1 LT Silver Spring**



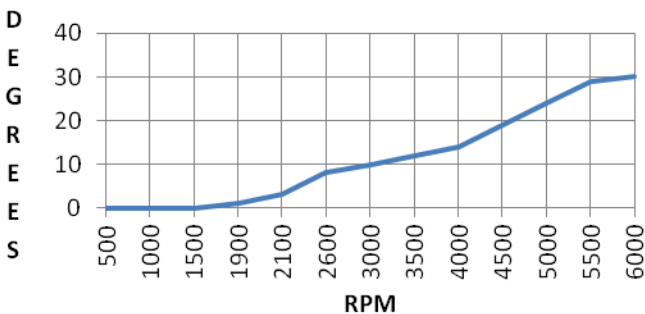
**Timing Curve - 2 Blue Springs**



**Timing Curve - 1 HD Silver & 1 LT Silver Spring**



**Timing Curve - 1 HD Silver & 1 Blue Spring**



**Timing Curve - 2 HD Silver Springs**

