

Advance Kit, GM HEI Distributors PN 8428

Parts Included:

- 2 Blue Weight Bushings
- 2 Black Weight Bushings
- 2 Red Weight Bushings

- 3 Sets of Advance Springs
- 2 Weights
- 1 Center Plate

WARNING: When installing the Advance Kit, disconnect the battery cables. When disconnecting, always remove the negative cable first and install it last.

Note: This kit is designed for stock style GM HEI Distributors. It is not for use with MSD's Pro-Billet HEI, PN 8365.

ADVANCE SPRINGS

This kit provides three different advance springs; light, medium and heavy. These determine how quick the centrifugal advance comes in as the weights overcome the spring tension. The chart in Figure 1 shows the approximate advance of the spring combinations.

ADVANCE CURVE FOR THE PN 8428 GM HEI WEIGHT AND SPRING KIT														
	500	1000	1500	2000	2500	3000	3500	4000	4500	5000	5500	6000	6500	7000
LIGHT SPRING	8	12	16	20	22	24	24	24	24	24	24	24	24	24
MED. SPRING	0	8	10	14	16	18	20	20	22	22	22	22	22	22
HEAVY SPRING	0	0	8	10	12	12	14	14	16	16	18	18	18	18

Figure 1 Spring Rate Timing Advance.

- 1. Once you've selected the springs for your distributor, remove the cap and rotor.
- 2. Use a pair of needlenose pliers and remove the original springs. Note the fit and direction of the weights and center plate (Figure 2).
- 3. If equipped, remove the E-clips that secure the weights. Remove the weights and center plate.
- 4. Install the supplied bushings to the weights. Three sets are supplied. Use the set that fits snug over the weight pin.
- Install the center plate followed by the weights. A small dot of lubricant on the bottom of the weights will ensure smooth operation.
- **Note:** Figure 2 shows a clockwise rotating engine. For CCW, the weights and center plate are reversed.

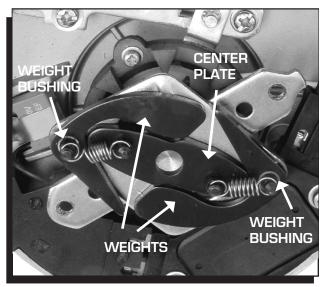


Figure 2 Installing the Advance Kit.

6. Install the springs making sure they are positioned in the spring grooves of the pins. Install the rotor and cap.

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TECH NOTES

Service

In case of malfunction, this MSD component will be repaired free of charge according to the terms of the warranty. When returning MSD components for warranty service, **Proof of Purchase** must be supplied for verification. After the warranty period has expired, repair service is based on a minimum and maximum fee.

All returns must have a Return Material Authorization (RMA) number issued to them before being returned. To obtain an RMA number please contact MSD Customer Service at 1 (888) MSD-7859 or visit our website at www.msdignition.com/rma to automatically obtain a number and shipping information. When returning the unit for repair, leave all wires at the length in which you have them installed. Be sure to include a detailed account of any problems experienced, and what components and accessories are installed on the vehicle. The repaired unit will be returned as soon as possible using Ground shipping methods (ground shipping is covered by warranty). For more information, call MSD Ignition at (915) 855-7123. MSD technicians are available from 7:00 a.m. to 6:00 p.m. Monday - Friday (mountain time).

Limited Warranty

MSD IGNITION warrants this product to be free from defects in material and workmanship under its intended normal use*, when properly installed and purchased from an authorized MSD dealer, for a period of one year from the date of the original purchase. This warranty is void for any products purchased through auction websites. If found to be defective as mentioned above, it will be repaired or replaced at the option of MSD Ignition. Any item that is covered under this warranty will be returned free of charge using Ground shipping methods.

This shall constitute the sole remedy of the purchaser and the sole liability of MSD Ignition. To the extent permitted by law, the foregoing is exclusive and in lieu of all other warranties or representation whether expressed or implied, including any implied warranty of merchantability or fitness. In no event shall MSD Ignition or its suppliers be liable for special or consequential damages.

*Intended normal use means that this item is being used as was originally intended and for the original application as sold by MSD Ignition. Any modifications to this item or if it is used on an application other than what MSD Ignition markets the product, the warranty will be void. It is the sole responsibility of the customer to determine that this item will work for the application they are intending. MSD Ignition will accept no liability for custom applications.

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