



Distributor Advance Adjustment

Clockwise or Counter-Clockwise Rotation Distributors

**Please read this instruction sheet in its entirety
before installing the distributor.**

The distributor you have purchased from **JB RACING** may have been preset to a specific amount of advance based on discussions with you, the customer.

If a specific amount of advance was not discussed, the distributor could be delivered to you in two different configurations. If the distributor is for racing use, the advance mechanism is locked and there is no advance. However, the advance mechanism is still in the distributor and could be used at a later date.

If the distributor is going to be used on the street, it will have 14 crankshaft degrees of advance. If you wish to change the advance, please follow the instructions below.

The advance mechanism in this distributor has an advance range of 0 to 28 crankshaft degrees.

Included in the kit is a selection of red plastic shims. They are marked 14° through 28°. These markings are in crankshaft degrees.

1. Remove the distributor cap and rotor platform.
2. On the side of the rotor platform (the black part) you will find two holes 180° apart. With a 1/8" allen wrench, loosen both set screws about one-half turn. This will unlock the rotor platform assembly. You can now pull the rotor platform assembly off the end of the shaft. There is no need to remove the rotor from the platform.
3. **For Clockwise Rotation Distriubutors:** Look in the top of the distributor housing under the magnetic pickup plate. **(Do not remove the pickup plate!)** Rotate the distributor shaft until you see two torx drive button head screws. (180° apart) To the **right** of the screws there is a little square window with a metal tab sticking through it.

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4. **For Counter-Clockwise Rotation Distributors:** Look in the top of the distributor housing under the magnetic pickup plate. (Do not remove the pickup plate!) Rotate the distributor shaft until you see two torx drive button head screws. (180° apart) To the **left** of the screws there is a little square window with a metal tab sticking through it.
5. Loosen the two button head screws about one-half turn. Put the tip of your torx drive screwdriver in the screw head and slide the screw to the **right** for **clockwise rotation** and to the **left** for **counter-clockwise rotation**. You will see the window close.
6. When the window is fully opened, you have the maximum amount of advance available in the distributor. When the window is completely closed, you have no advance in the distributor.
7. Select the plastic advance shim for the amount of advance you desire.

Remember the degree markings on the advance shims represent crankshaft degrees.

8. Unfortunately, you cannot get the shim and the screwdriver in the allotted space at the same time. However, you can make this adjustment without removing the magnetic pickup plate.
9. We do not recommend removing the magnetic pickup plate; but if you must, remember to reset the air gap between the pickups and the reluctor after you re-install the pickup plate.
10. The air gap should be .015”.
11. Snug one screw just enough so you can close the window and it will stay. Insert the desired shim and adjust the window opening so the shim is snug between the side of the window and the metal tab. Remove the shim and check window on opposite side. When you are satisfied with the adjustment, lock the screw in place. Check the fit of the shim again. Re-adjust if necessary. Make sure both screws are tight.
12. If you want to take all of the advance out of the distributor, completely close both the windows against the metal tabs and lock the screws.
13. The mechanical advance in the distributor will start to come in at about 1500 rpm and will be completely in by 3500 rpm. It is recommended to set the total advance desired at 4000 rpm or higher.

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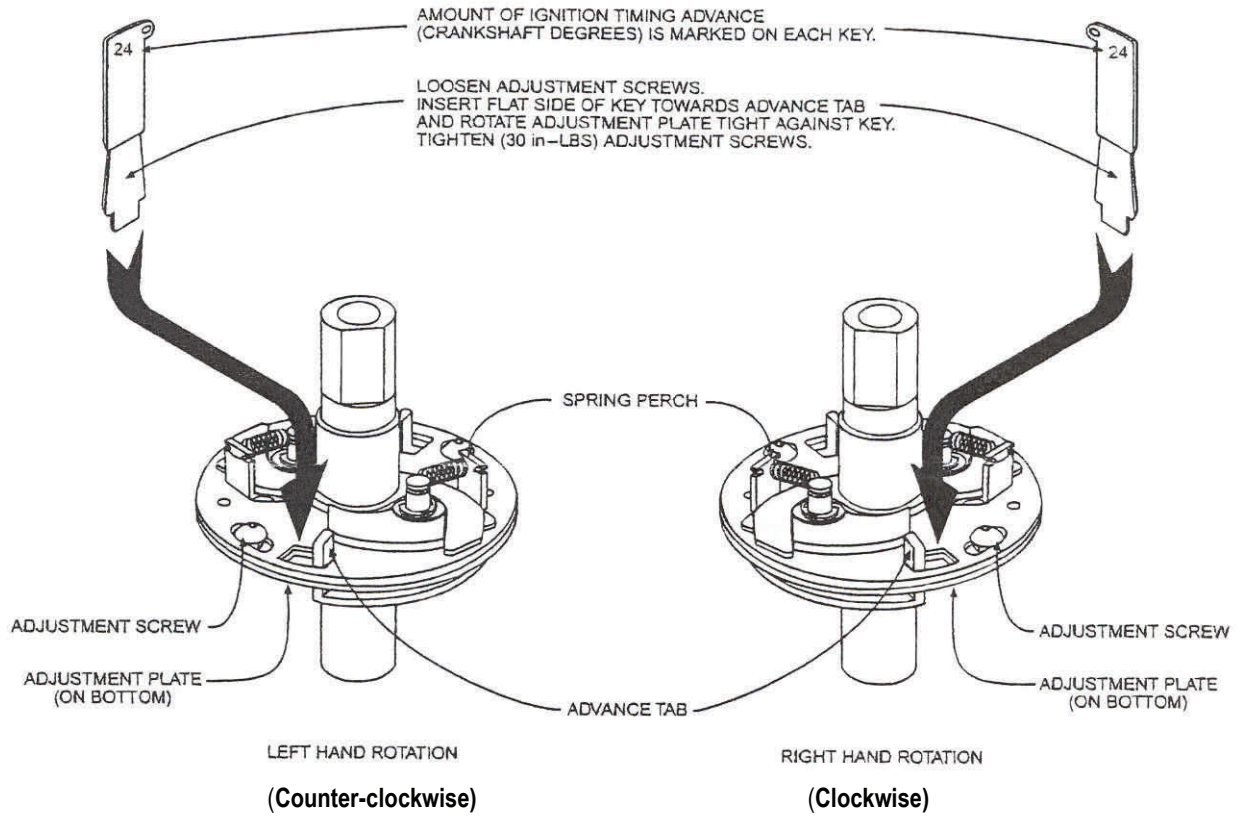
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14. Re-install the rotor platform and rotor assembly. It is keyed and will only go on one way. Lock both set screws in the side of the rotor platform.
15. Re-install the distributor cap and you are ready to go.
16. You do not have to remove the distributor from the engine to make advance adjustments.

**Thank you for purchasing a JB RACING distributor.
If you have any questions, please call (352) 343-8900.**

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