

# DAYTONA SENSORS

## Ford V8 Distributor Installation Instructions with Mechanical Advance

These instructions will help you to install a Ford V8 distributor with Mechanical Advance style distributor.

### Please read these instructions before installing.

You should always disconnect the battery, negative lead first, before working on the ignition system. When you are done reconnect the battery installing the positive lead first.

#### Included with the distributor:

- 1 - Machined Ford V8 Distributor
- 1 - Rotor
- 1 - Distributor Cap
- 1 - Wire Retainer with screws
- 1 - Advance Kit
- 1 - Harness
- 1- Advance lock out kit
- 1 - O-Ring - installed

### How to Install the Distributor

1. If the distributor to be replaced has not already been removed from the engine, remove its cap. Do not remove the spark plug wires at this time.
2. Crank the engine slowly until the rotor blade aims at a fixed point on the engine or firewall. Note this point for future reference.
3. Unplug all external connectors coming from the distributor.
4. Now put the existing cap back on and note and mark which spark plug wire the rotor (blade) is pointing at. Then number the wires according to cylinder and remove the wires. If in doubt you can leave the wires connected to the old cap and transfer them to the new cap and distributor later in the process (see point # 9).



## How to set up the ADVANCE BUSHINGS

- Remove the distributor cap and rotor.
- Remove the locknut and washer on the bottom of the advance assembly.
- Remove the bushing and install the new one.
- Install the washer and locknut.

## How to set up the Mechanical Advance LOCK OUT

1. Remove the advance components including the springs, weights and the advance stop bushing from the advance assembly.
2. Remove the roll-pin from the drive gear and remove the gear from the shaft.
3. Slide the shaft two inches out of the housing.
4. Rotate the shaft 180° and insert the advance stop bushing pin into the small hole on the advance plate.
5. Install the locknut and washer to the advance stop bushing pin. This locks the advance in place.
6. Install the drive gear and roll-pin.

## Wiring – Mechanical Advance 2-wire distributors

A high performance ignition system, such as a digital CD Ignitions, must be installed with these distributors. Please refer to the instructions, included with the ignition control box, for wiring connections utilizing a 2-wire magnetic pick up.

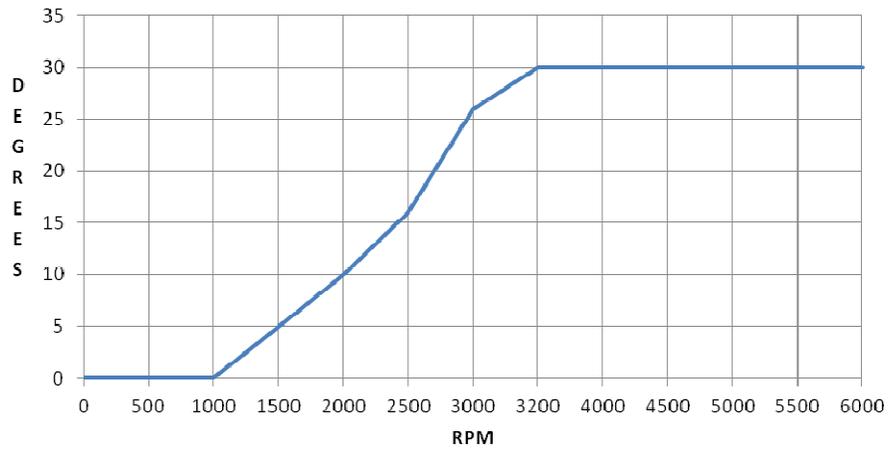
- Black Wire with Orange Tracer = Positive (+)
- Black Wire with Violet Tracer = Negative (-)

### **Daytona Sensors LLC**

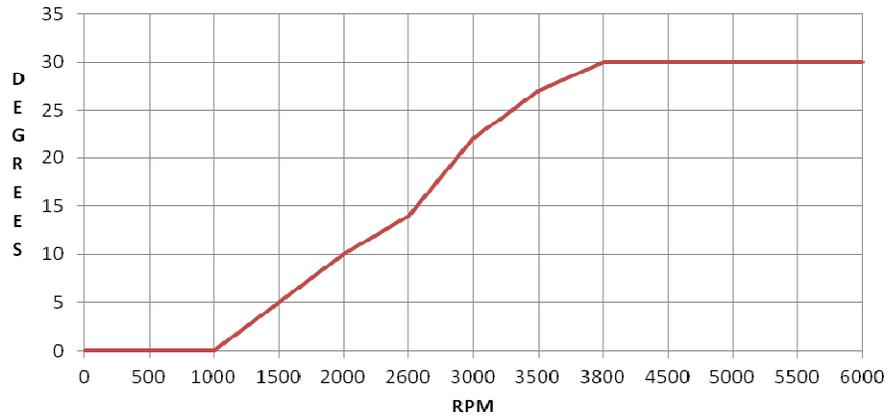
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### Timing Curve - 2 LT Silver Springs



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



### Timing Curve - 2 Blue Springs

