



Joe Hunt "Buzz Box" Instructions

1. Turn engine in direction of rotation until the number one cylinder is coming up on it's compression stroke then stop when you have reached the total amount of static timing that is desired. To determine the total amount of static timing needed, subtract the amount of advance installed in the magneto from the amount of total advance that is desired. For applications when there is no advance installed in the magneto, rotate the engine until the amount of total advance desired is reached on the balancer.
 2. With the Magneto out of the engine and the cap off, turn the rotor to #1 cylinder firing position. This can be any cylinder of your choice.
 3. Install the Magneto in the engine. At this point it may be necessary to rotate the magneto drive, oil pump shaft or intermediate gear to place the magneto housing or cap and wires in the correct physical relationship with the engine.
 4. Attach one of the leads of the timing device to the ground post on the side of the magneto and the other to a good ground. Turn the device on.
 5. Rotate the magneto housing in the opposite direction of rotation until the points just begin to open and the tone changes. This is the point at which the magneto will produce a spark.
 6. Tighten the magneto hold down clamp just enough so that you are still able to rotate the magneto.
 8. To advance the timing, turn the magneto housing against the rotation of the magneto. To retard the timing, rotate the magneto housing in the direction of magneto rotation.
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