



NOTE: 6 Cylinder engines have 6 Reference (REF) Pulses per 2 engine revolutions - 1 engine cycle. Each Reference Pulse occurs 60 crankshaft degrees before the next piston to come up to its Top Dead Center.

The ECU delays the ignition event from the 60°BTDC REF Pulse by the correct amount of time to deliver the ignition spark at the correct crankshaft angle for any given engine condition (idle, full power, cruise, etc) as programmed into your ECU.

The SYNC Pulse tells the ECU when the engine returns back to the first cylinder in the firing order.

If your distributor has a cap and rotor button, the rotor button must align with the post at 20°BTDC for cylinder 1.