



NOTE: 4 Cylinder engines have 4 Reference (REF) Pulses per 2 engine revolutions - 1 engine cycle. Each Reference Pulse occurs 80 crankshaft degrees before the next piston to come up to Top Dead Center.

The ECU delays the ignition event from the 80°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).

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

EFI Hardware Mobile Apps

