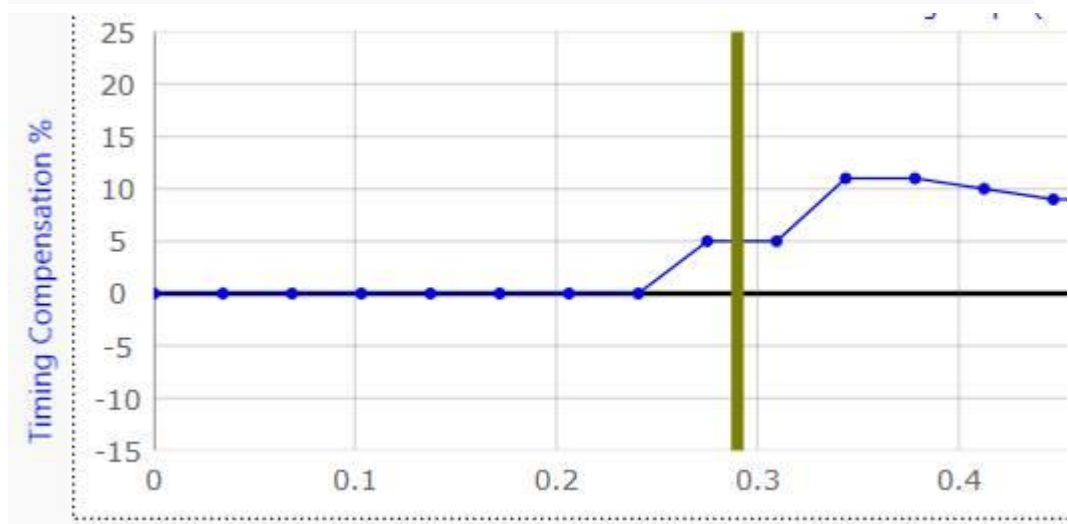
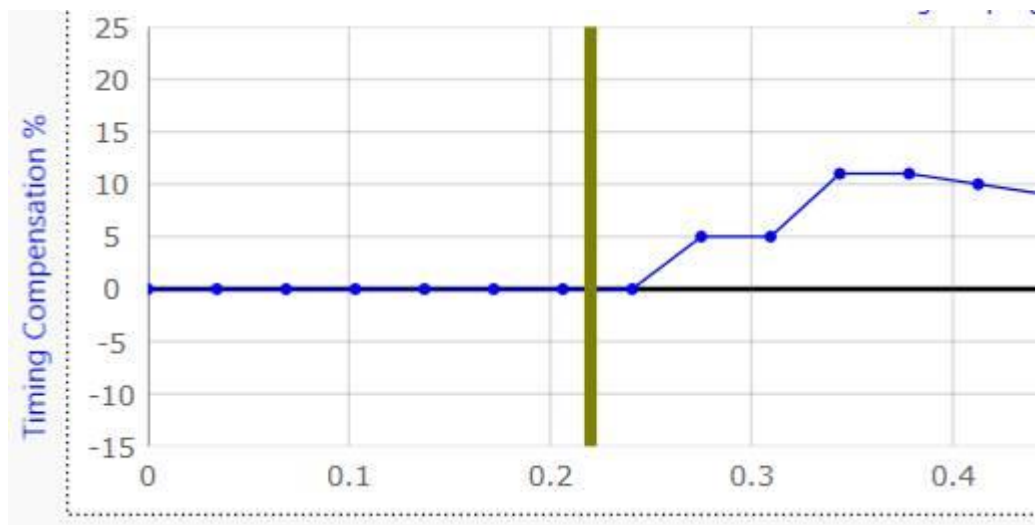


Automatic Transmission Tuning

Automatic transmissions, air conditioners and power steering uses a lot of energy and may cause engine RPM's to drop and may stall the engine. Usually idle control will cater for this but you will also need to set fuel and timing accordingly.

To adjust this start with a hot engine and put the transmission in park. The engine is now on free idling. When you put it in drive, the load will cause the engine to lose RPM and also vacuum. The Map sensor bar will move slightly to the right, now add a little timing and fuel to make the engine idle stronger. These settings will act very fast on the engine and capture the power loss. See the graphs below. First in Park then in Drive. Note how the vacuum bar moved to the right.

Dynamic Timing graph (WOT) – Manifold Pressure



Fuel Load Graph – Manifold Pressure

