

Deceleration Fuel Cutoff (DFCO):

In the **Deceleration Fuel Cutoff (DFCO) Settings**:

- **Enable Coasting Fuel Cutoff:** Activates fuel cutoff during coasting.
- **No cut below CLT(C):** Sets a minimum coolant temperature below which fuel cutoff won't occur, ensuring smoother engine operation when the engine is cold.
- **RPM cut fuel above:** Defines the RPM threshold above which fuel cutoff will engage during deceleration.
- **RPM restore fuel below:** Sets the RPM at which fuel is restored after cutoff, helping prevent stalling.
- **Vehicle speed cut above and Vehicle speed restore below:** Define speed thresholds for activating and deactivating fuel cutoff. This prevents cutoff at very low speeds where it may be unnecessary.
- **Cut fuel below TPS(%):** Sets a throttle position threshold below which fuel cutoff will activate, typically when the throttle is fully closed during deceleration.
- **Cut fuel below MAP(kPa):** Establishes a manifold pressure threshold to activate fuel cutoff.
- **Fuel cut delay:** Adds a delay (in seconds) before fuel cutoff is engaged after conditions are met, helping prevent premature cutoff.
- **Inhibit closed loop fuel after cut:** Temporarily disables closed-loop fuel correction after fuel is restored, providing a smoother transition.
- **Ignition Retard During Cut:** Retard timing by this amount during DFCO. Smooths the transition back from fuel cut. After fuel is restored, ramp timing back in over the period specified.

These settings help optimize fuel efficiency by cutting fuel during coasting while ensuring smooth re-engagement under specific conditions.

