

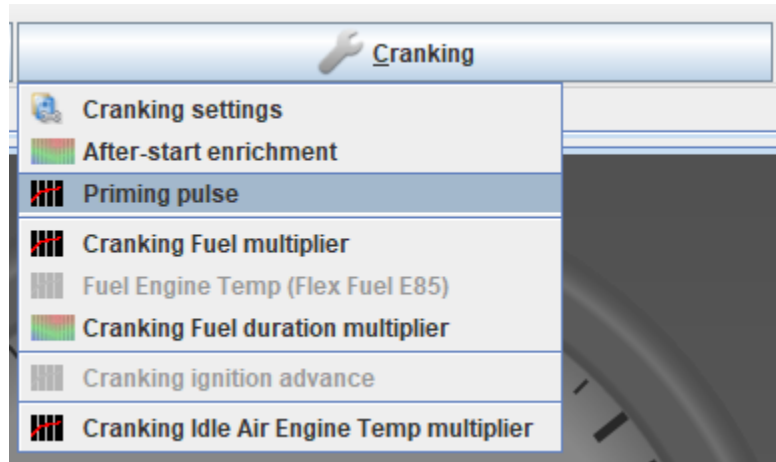
Cranking Button in TS

Cranking Button Dropdown

The Cranking dropdown provides a set of configuration options focused on engine startup conditions. Proper tuning of these settings ensures smooth and reliable engine starts across various conditions.

Options Overview

1. Cranking Settings: Configures the parameters used during the cranking phase of engine startup, such as cranking RPM thresholds and duration.



2. After-Start Enrichment: Fine-tunes fuel delivery immediately after the engine starts to stabilize idle and warm-up conditions.

3. Priming Pulse: Controls the initial fuel injection pulse when the key is turned on, which helps to pressurize the fuel system and prepare for engine start.

4. Cranking Fuel Multiplier: Adjusts fuel delivery based on coolant temperature (CLT) during cranking to account for cold or warm starts.

5. Fuel CLT Multiplier (Flex Fuel E85): Provides additional adjustments for engines using E85 or other ethanol-based fuels, allowing for temperature-based enrichment.

6. Cranking Ignition Advance: Configures the ignition timing used during cranking. This is critical for achieving smooth engine starts without backfires or misfires.

6. Cranking Idle Air Engine Temp Multiplier: Modifies idle air control settings during cranking based on coolant temperature, ensuring optimal airflow for various startup conditions.