

Idle Button in TS

The **Idle menu** contains options that govern how the ECU manages idle speed and idle-related parameters. These settings allow fine-tuning of idle stability, responsiveness, and performance under various conditions.

Menu Options

1. Idle Settings:

General configuration for idle control, including modes of operation and idle valve control.

2. Target RPM:

A table that specifies the desired idle RPM for various operating conditions (e.g., coolant temperature, load).

3. Open Loop Idle Curve: Adjusts idle air flow based on coolant temperature using a multiplier.

4. Closed-Loop Idle Timing: Enables closed-loop control for idle stabilization through ignition timing adjustments.

5. IAC PID Multiplier: Configures the proportional-integral-derivative (PID) controller for IAC valve operation.

6. Coasting IAC Position: Adjusts the IAC valve's behavior during deceleration to prevent engine stalling.

7. Idle VE: Refines the volumetric efficiency (VE) table for idle-specific regions.

8. Idle Ignition Advance: Fine-tunes ignition advance during idle to stabilize engine RPM and improve responsiveness.

