

Trigger

Trigger

File View Help

Primary Trigger

Trigger type: 32-2

Skipped wheel location: On crankshaft

Reminder that 4-stroke cycle is 720 degrees
For well-known trigger types use '0' trigger angle offset

Trigger Angle Advance(deg bt dc): 540

Cam Inputs

<https://rusefi.com/s/vvt>

Cam mode: Bosch Quick Start

Cam sensor bank 1 intake: FI CAM CMP Sensor Hall

Set offset so VVT indicates 0 degrees in default position

VVT offset bank 1 intake(value): 226.5

Here's an explanation of the Trigger configuration based on the provided example. This setup uses a 32-2 trigger wheel, the trigger pattern for an HD M8. **THESE SETTINGS WILL COME PRE-LOADED, AND IN MOST CASES WILL NEVER HAVE TO BE CHANGED!**

Primary Trigger Section

- **Trigger Type:** The example uses 32-2, meaning a 32-tooth wheel with 2 missing teeth, which is often mounted on the crankshaft.
- **Skipped Wheel Location:** Set to On Crankshaft to indicate that this trigger wheel is located on the crankshaft.
- **Trigger Angle Advance (deg BTDC):** Configured to 540 degrees in this setup. This setting depends on the engine's requirements.

Cam Inputs Section

Cam Mode: Set to “**Bosch Quick Start**” to indicate a Bosch Quick Start Cam Sensor Pickup Pattern is used. Can Also be set to “**Sync By Map**” to sync using a map dip threshold or “**Inactive**” to allow the bike to run in wasted spark.

Cam Sensor Bank 1 Intake: Defines which input is being Cam Sensor input. When running wasted spark or sync by map this is typically set to “NONE” otherwise the above setting is correct.

VVT Offset Bank 1 Intake: This ensure proper timing alignment when VVT is active and is set so that VVT Cam Timing Value reads “0” When we are commanding “0” cam timing.