



Victory Inline Enrichment Device (Victory XiED®)

Protected by U.S. Pat. No. 7,805,236

Fits Victory® Motorcycles

with OEM single wire narrow band O2 sensors)

Made in the USA

A 'plug-n-play' upgrade designed to let the engine equipped with OEM oxygen sensors run at a richer air fuel ratio in closed loop mode ranging from 14.3:1 to 13.8:1. The improved air fuel mixture has generally shown one or more of the following positive results:

- lower engine temperature
- improved throttle response
- decreased exhaust heat
- less engine 'ping'

Installation Instructions

- Locate Front/Rear O2 sensors
- Follow wiring to black connector
 - Cut any tie wraps holding the connectors in place
- Unplug weather-tight connector
- Plug the XiED **between** O2 sensor and wiring harness
- Make sure the connectors lock into each other
- Ground Wire is required for XiED to work properly on all Bikes
 - Connect ground wire to any solid metal bolt location or battery negative terminal
- Tie wrap the XiED in place to prevent it from hitting the exhaust system

Adjustment Instructions

- Use a Jeweler's screwdriver to make adjustments to the XiED
- Do not force the XiED dial adjustment
- Set the initial value based at 14.0-13.9 (50-75% rich)
- If you get transient Check Engine light, set the AFR approximately .05 to .1 AFR leaner

Disclaimer

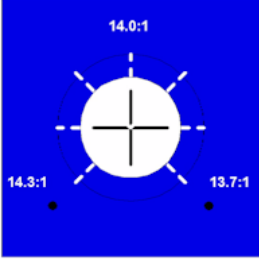
This product is intended for race vehicles used on closed courses, and not for use on roads or vehicles otherwise subject to emission control requirements. In California, this product must not be used on any vehicle that is registered or licensed for use on public roads.

Actual results from the installation of the XiED's may vary between individual bikes.

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Victory is a registered trademark of Victory Motorcycles, Inc. Model designations are used for reference purposes only. This part is not manufactured or endorsed by the motorcycle manufacturer.

Approximate AFR range for the XiED's are as follows in the shaded cells:

14.7	14.6	14.5	14.4	14.3	14.2	14.1	14.0	13.9	13.8	13.7
Stock	Stock								MAX	
Full Counter Clockwise is 14.3:1 Leaner							Full Clockwise is 13.8:1 Richer			

Maximum recommended rich AFR for various model bikes and years

TBD					

Notes:

Richer closed loop AFR values can not be achieved if any exhaust leaks exist. Even the smaller exhaust leak may cause check engine lights to occur. It is common for leaks to occur after slip on muffler or exhaust system upgrades have been done on the bike.

Do not expose the XiED to high pressure water stream. Keep XiED out of direct water spray. Wire loom can be used to help protect the dial from water spray.