

Edited by James Huang

Effetto Mariposa Giustaforza torque wrench

The modern lightweight carbon fiber and aluminum parts of today's high-performance machines virtually require the use of a precision torque wrench these days, but many versions are either too costly or unwieldy for most home mechanics. Former Vittoria/Geax designer and product manager Alberto De Gioannini breaks down the cost and convenience barrier with the first product to come out of his new Effetto Mariposa brand name, the Giustaforza torque wrench.

At just 165mm (6.5") long, the Giustaforza is nearly identical in size to a typical cigar yet boasts a versatile 2-16Nm range. There is no foot-pound scale, but that's no big deal since all bicycle specifications we've come across are in SI units, anyway. The high quality construction utilizes machined-and-anodized aluminum with laser-etched markings and graduations, and both the body and adjusting knob on the tool's end are deeply knurled for a positive grip. The magnetic head accepts any of the wide array of included bits (2, 2.5, 3, 4, 5, 6, and 8mm Allen, a long 5mm hex, T20 and T25 Torx, two flathead, and three Philips head), and the whole package commands a reasonable cost of US\$175.

None of this would be worth squat if the Giustaforza wasn't accurate, and we're pleased to report that it is within a scant 0.5Nm of a far more expensive digital model from Snap-On and easier to use to boot. So let's recap here: small, neatly designed, accurate, reasonably priced... hell, the thing even looks good, as one would expect of something designed and made in Italy. Gripes? Nothing of any real significance that we can think of, and it's not often that we can say that. /JH

Price: US\$175

Pros: Compact size, easy to use, virtually guaranteed to save any number of expensive lightweight bits

Cons: Maybe a little expensive, but a reasonable price considering the tool's superb design and quality of construction (or the cost of that new carbon frame you had to buy because you didn't have one)

Cyclingnews rating: 

More info: www.effettomariposa.com



Italy's Effetto Mariposa debuts an impressive torque wrench
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