

## PRODUCT TEST

# MOTO TASSINARI

## VFORCE 4

**PRODUCT:** The VForce 4 reed valve system incorporates all of the features that made the VForce 3 so popular. It has twice the reed-tip surface, radius cage surface, proprietary carbon fiber material, and, by doubling the reed-tip surface, the petals only need to open half as far to have the same flow as a stock-style cage. When you factor in that a reed petal opens and closes 133 times per second at 8000 rpm, this is an advantage.

The new 4 has a new wing shape for additional velocity and increased reed-tip surface area (over 10 percent), which equals more power. The Moto Tassinari boys have lengthened the reeds stops (for durability) and made the entire valve more aerodynamic (less drab means more boost). It still sells for \$148.00

**POSITIVE:** We tested the new VForce 4 on a KTM300, which already had a 3 on it. We were informed that the 4 will come as standard equipment on next year's KTM two-strokes. The unit took very little effort to install, and incredibly, it made for a vital power improvement. We felt an immediate gain in roll-on, as the already meaty 300 now came on stronger, sooner and smoother, letting us chug and pull a taller gear without fear of coughing or bogging out. The mid to top felt charged, being longer and stronger, letting us stay in the right "zone" of power when pinning it was called for. Overall, it was better everywhere, but most importantly in the lower area where the traction portion of the powerband lets you conquer terrain.

**NEGATIVE:** We searched and found a big, fat goose egg here. This system is excellent.

**BOTTOM LINE:** If you have a two-stroke and want to feel a performance gain where rideability, traction and making momentum are key, then get the VForce 4. □

### RATING

**Installation:** 8

**Durability:** 8.5

**Value:** 9

**Performance:** 10

**Overall:** 9/10

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*The new VForce 4 (on left) flows more efficiently and has enhanced reed life.*

