



INSTALLATION INSTRUCTIONS

Offset Keys

1. Using a flywheel puller, remove flywheel.
2. Remove stock key and insert offset key. Install key in the direction which moves the flywheel clockwise on the crankshaft.
3. Re-install flywheel and torque at 50-65 ft-lbs for the 440, 500, 600 engines, 29-43 ft-lbs for the 800, 900 and 1000 engines and 57-62 ft-lbs for the 800 twin.
4. **WARNING:** Advancing the timing creates more heat, some jetting changes may be required. 91 octane fuel is recommended.
5. Offset keys are custom by nature, to be installed by buyer, and are sold without any express or implied warranty of merchantability or fitness for a particular purpose. HPE shall not be held liable for any special, incidental, or consequential damages, including damage, loss of revenue, cost purchased or use of this product.

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