

Hunterworks Ignition
2004-2007 Yamaha Rhino 660

CAUTION! 8800 RPM LIMIT (stock ignition 6,800)

CAUTION! No Forward or Reverse vehicle speed limiter.

Congratulations on your purchase of a Hunterworks ignition. Please take a moment to read these instructions completely before installing the ignition. The installation will only take a few minutes.

The Hunterworks ignition was designed to work best with the stock coil, coil wire, plug cap, and spark plug. Use resistor type spark plugs ONLY. Use the stock resistor style spark plug cap.

This kit includes: Hunterworks ignition and instruction sheet. This is a complete kit, and includes everything needed to install the ignition.

Installation:

- 1) Turn ignition key off, and remove the battery negative (-) cable for safety. Locate the stock ignition box, it is under the front hood, inside the battery box, next to the battery on the outboard side and mounted vertically.
- 2) Remove the screw that holds the ignition to the battery box.
- 3) Unplug the stock ignition, taking care not to damage the harness connectors. There is a small tab on the harness connectors that must be pushed in to unplug it. Remove the stock ignition from the vehicle. Keep the stock ignition in a safe place – it may be required for troubleshooting.
- 4) Plug the Hunterworks ignition in. Install the Hunterworks ignition in the factory location. Reconnect the battery terminal, and make sure all fasteners are tight.

Calibration

The Hunterworks ignition is preprogrammed with a performance curve, based off of the stock curve. The final timing has been increased 4°, and has a faster transition to maximum advance.

NOTE – The stock ignition has a 6,800 RPM rev limit. The Hunterworks rev limit is pre-programmed to 9,000 RPM. Because the rev limit is so high, the performance limits of other engine parts (valve train or connecting rod for example) may be found. It may be necessary to replace these parts for best engine performance. Consult with an engine builder for answers on what works best for your engine. Please don't let the above mentioned stop you from installing this product because most Rhino engines will never reach the 9000rpm rev limit, most will never reach any higher than 8000rpm unless the engine is heavily modified.

Troubleshooting:

Troubleshooting the Hunterworks ignition is simple. If the vehicle will not start or run at all, reinstall the stock ignition. If this fixes the problem, then the Hunterworks ignition should be returned to Hunterworks for testing. If this does not fix the problem, then the problem is somewhere else on the vehicle. Follow the troubleshooting procedures outlined in your shop manual.

Disclaimer:

Installation of this Hunterworks CDI into your vehicle releases Hunterworks from any responsibility from damage the CDI may or may not cause to your vehicle. As with any other performance product Hunterworks has no control over what other engine modifications you may do to your vehicle and how you operate it.

Added Note:

Hunterworks has done extensive testing with this product and to date there has never been damage to any engine from the use of this CDI. This CDI simply allows your engine to rev to a higher rpm so you can increase the performance of your vehicle.