

# HIDYRAPT HID KIT

## For: 2006-UP YAMAHA RAPTOR

### INSTALLATION INSTRUCTIONS

#### Installation

##### 1. BULB

- a. Remove Yamaha Raptor stock bulb by pushing forward and twisting counterclockwise.
- b. **CAUTION: PLEASE BE CAREFUL THAT YOUR SKIN DOES NOT MAKE CONTACT WITH THE GLASS PORTION OF THE HID BULBS.**
- c. Pull rubber protective cover away from the HID bulb until golden metal part is fully visible.
- d. Hold onto the golden metal part of the bulb, align the arrow on the golden part of the bulb to the nub on the base of the bulb, then align the nub on the base of the bulb to the **top center** of the headlamp, slide the bulb into the housing. Once bulb is fully inserted into housing, turn golden metal part clockwise then pull towards you to lock bulb into housing.
- e. Push rubber cover completely over the base of the housing to ensure base is completely protected by rubber cover.

##### 2. Ballast

- a. Mount ballast in location of your choice near the headlight.

##### 3. Wiring

**Note: DO NOT** modify the wiring that runs from the HID bulb to the ballast. It will cause the system to work improperly. **It will void the warranty.**

- a. Once ballast is installed connect corresponding wires from HID bulb to corresponding male / female plugs on ballast.
- b. To connect wiring from ballast to Yamaha primary system
  - i. Find wire extension with white triangular head with one black bullet end and 2 other wires at the opposite end.
  - ii. Connect black off extension to black wire coming off ballast wire
  - iii. Connect other color wire to red wire coming off ballast wire
  - iv. Connect triangular head to corresponding plug on the Yamaha Factory Wiring End

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#### **IMPORTANT NOTE:**

We recommend upgrading to a **20AMP fuse** on the wiring for the headlamp. Upon startup each HID light draws a higher amperage to kick on the Xenon in the bulb. This can cause 1 or both lights to not light up. If this situation occurs, a 20 or higher AMP fuse will solve the problem.