

# MID RANGE HINGE, 1.5" OFFSET

88-513

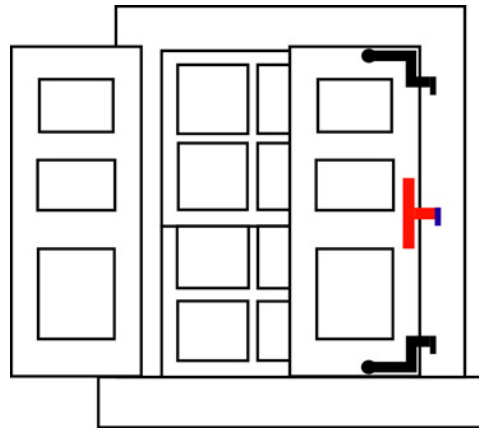


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*Tradition shutter hinges that combine strength and colonial style.*

John Wright combines modern high-quality finishes with the strength and traditional look and feel of cast iron. Mid-range hinges are generally used with New York style hinges. They can be used to provide additional support on heavy or tall shutters or for aesthetics. They combine authentic period-accurate colonial style with strength and functionality.



- Sold individually and include screws for mounting
- Material: cast iron pintle base plate and hinge, 1/4" thick, with steel screws
- Provide 1.5 inches of offset and 3 inches of throw
- Finish: Two coats of black-matte TGIC powder coating. Screws are black-zinc plated.
- Warranty: 1-year replacement
- Optional and related items:
  - 88-465 Lag and Pintle Mount replaces the pintle base plate to provide more mounting options and can also be used with lag shield anchors to allow masonry mounting.
  - 88-510 New York Hinge Style 1 is often used with mid-range hinges. Note that 88-512 New York Hinge Style 2 cannot be used.

## **Installation**

1. For an overview and introduction to shutter hinges and offset concepts, please see John Wright's publication entitled "Shutter Hardware Installation Details." For the purposes of these instructions, it is assumed that you selected hinges with an acceptable offset.
2. Temporarily position the shutter in the window using blocks, wedges, or shims or have a helper hold it in place. Check to make sure the pintle base plate can be

- mounted to flat piece of wood trim or similar surface of adequate strength. Take the shutter down and lay it on a flat surface with the outside facing up.
3. Mount New York Style hinges as per their instructions. Position the mid-range hinge on the middle of the outermost edge of the shutter as shown in red on the diagram on page 1.
  4. Mark the location of the hinge screw holes. Drill 1/16" pilot holes at the locations you marked and install the screws.
  5. Mount the pintle base plate so that it precisely line up with the hinge. You can either measure the locations of the hinges and transfer those measurements to the window frame or temporarily tape the pintle base into the hinge and then position the shutter and mark the locations of the screw holes.
  6. Drill 1/16" pilot holes at the locations you marked and install the screws. When both pintle bases are installed, lift the shutter into place so that both hinges engage the pintles and slide it down. This should be done with the shutter in the open or semi-open position and not closed. Test operation of the hinge and repeat the process for all remaining shutters.

**Contents and Dimensions**

- (1) hinge
- (1) pintle base plate
- (6) No. 6 by 1" long Phillips-head screws\*
- (6) No. 6 by 1" long slotted-head screws\*
- \* Use either screw type depending on desired appearance. Slotted screws provide the most traditional look.

