



ERA® Side Tenon Mount Crook - HA02L / HA02S

Installation Instructions

WARNING: Fixtures must be grounded in accordance with local codes or the National Electrical Code. Failure to do so may result in serious personal injury.

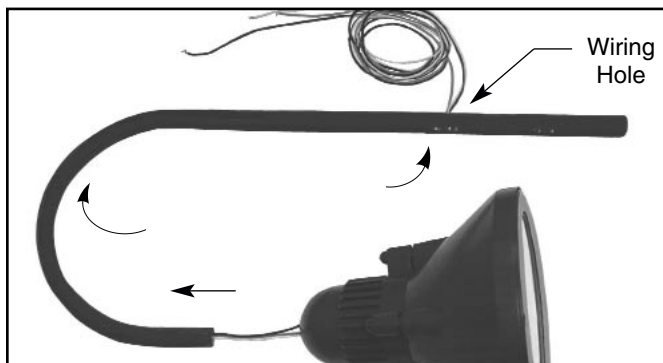
MAINTENANCE: A regularly scheduled maintenance program must be established to insure paint coating is intact, corrosion or structural damage has not occurred, and all mounting arms, rods, nuts and bolts are tight.

NOTE: All electrical work must be done by a qualified electrician. **KEEP THIS SHEET FOR FUTURE REFERENCE.**

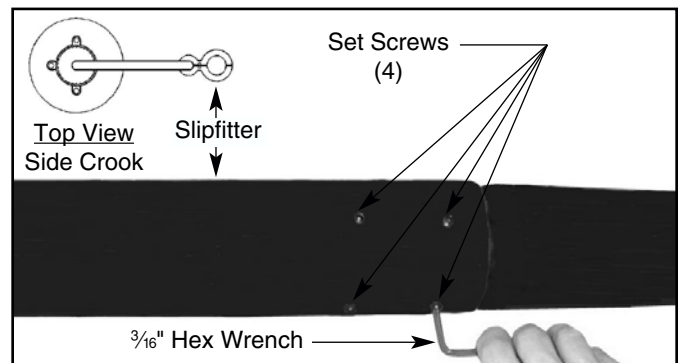
Tenon Requirements:	Fixture	Tenon Size
	RA17	Steel / 2" (2 ³ / ₈ " O.D.) x 4" Min.
	RA25	Steel / 2 ¹ / ₂ " (2 ⁷ / ₈ " O.D.) x 4" Min.

Tools Required:	<input type="checkbox"/> Flat Head Screwdriver	<input type="checkbox"/> Torque Wrench	<input type="checkbox"/> 5/32" Hex Wrench (Ball End)
	<input type="checkbox"/> 9/16" Wrench	<input type="checkbox"/> 7/16" Drill Bit	<input type="checkbox"/> 3/8" Drill <input type="checkbox"/> 3/16" Hex Wrench
For RA17 Fixture	<input type="checkbox"/> 9/16" 6- or 12- Point Deep (2" min.) Socket		<input type="checkbox"/> 12" (min.) Long Socket Extension
For RA25 Fixture	<input type="checkbox"/> 3/4" 6- or 12- Point Deep (2" min.) Socket		<input type="checkbox"/> 20" (min.) Long Socket Extension

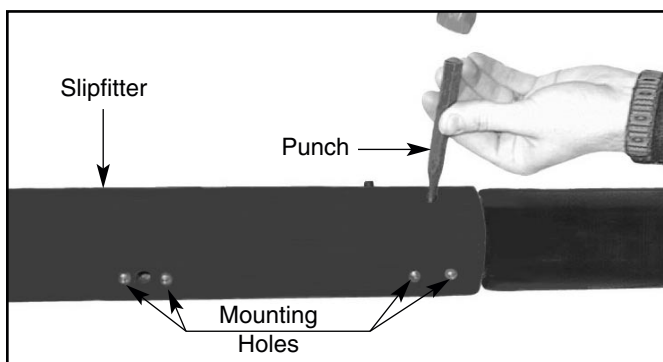
Installation Instructions:  Make certain the electrical supply is **OFF** before starting fixture installation.



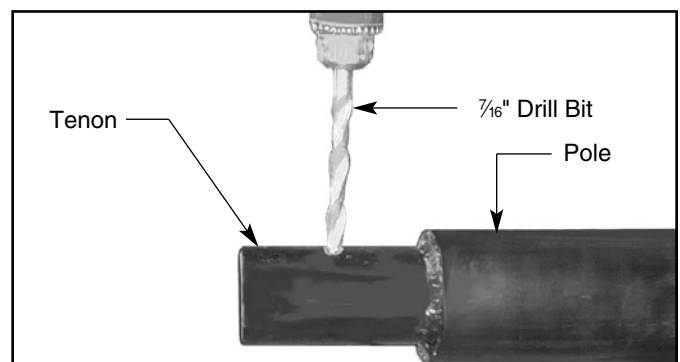
1. Install fixture to crook. Using pull wire provided, pull wire through crook arm and out wiring hole.
IMPORTANT! Keep wires tight when attaching fixture to crook arm to avoid pinching wires.



2. Slide slipfitter over tenon and tighten (4) set screws.
IMPORTANT! Orient slipfitter mounting holes in direction of Side Crook assembly. (See "Top View" above.)



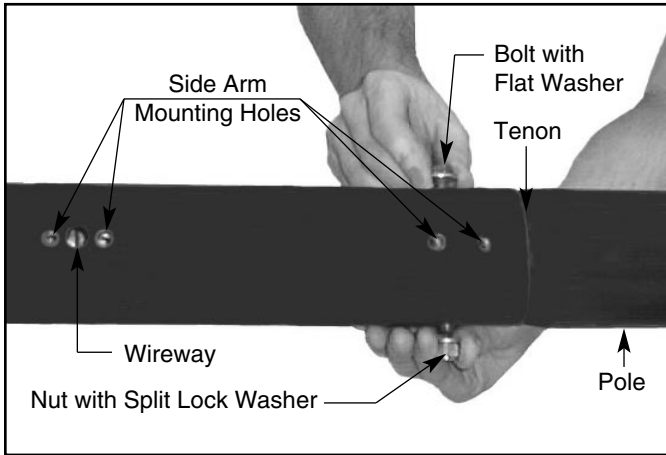
3. Using a hammer and punch, mark both sides of the tenon for through hole drilling.



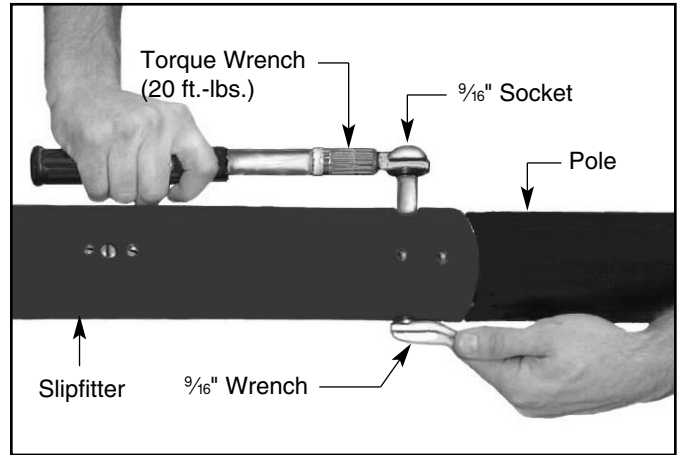
4. Remove slipfitter and drill through hole in tenon using a 7/16" drill bit.

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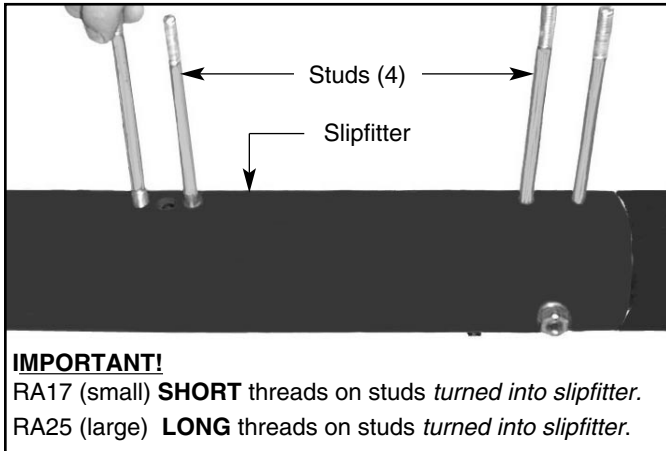
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5. Slide slipfitter over tenon & align through holes. Insert $\frac{3}{8}$ " bolt with flat washer and start nut with split lock washer on the opposite side.

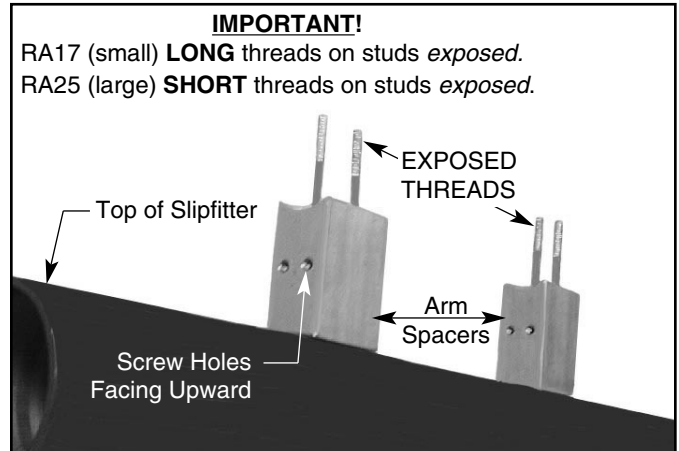


6. Using a torque wrench with $\frac{1}{16}$ " socket, tighten to 20 ft.-lbs. Hold nut with $\frac{1}{16}$ " wrench. Tighten (4) set screws securely.

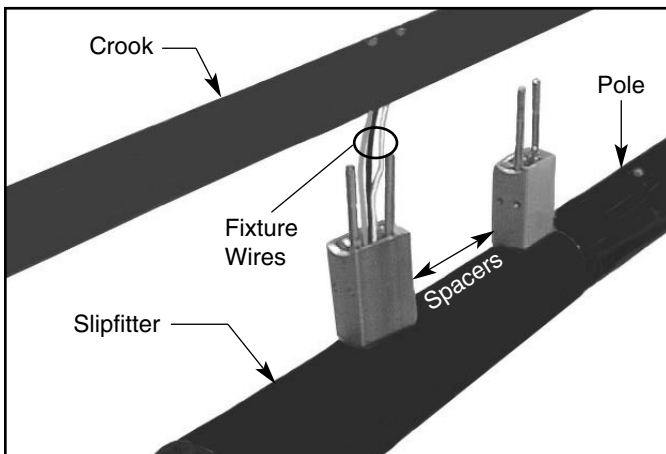


IMPORTANT!
RA17 (small) **SHORT** threads on studs turned into slipfitter.
RA25 (large) **LONG** threads on studs turned into slipfitter.

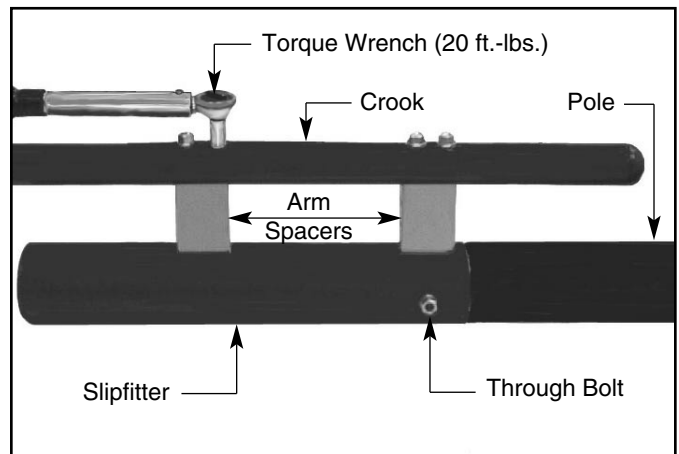
7. Place studs in slipfitter until they bottom out.



8. Install arm spacers onto studs with large radius end to pole and screw holes to top of slipfitter.



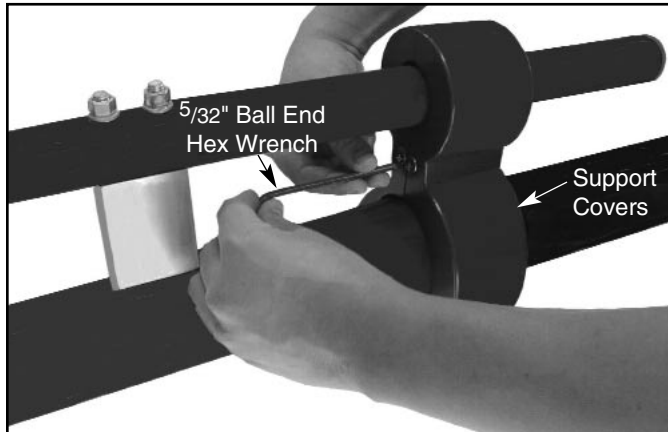
9. Feed wires through spacer into the pole and out the top of slipfitter. Run fish tape from pole handhole to the top of slipfitter. Pull fixture wires through slipfitter and pole and out pole handhole.



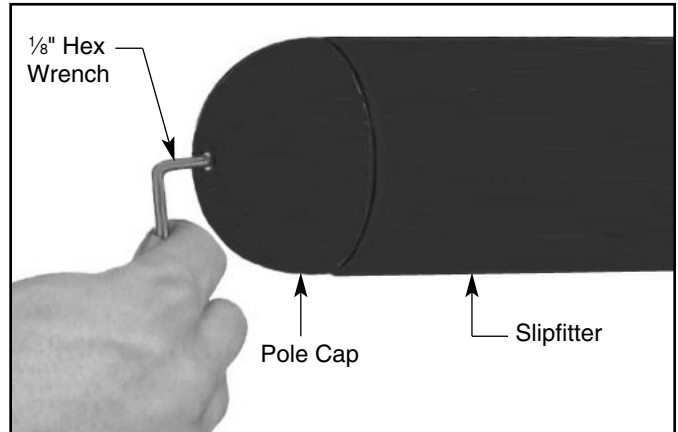
10. Install crook arm onto studs and secure with split lock washers and nuts. Tighten to 20 ft.-lbs.

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11. Install crook arm support covers and turn the screws slowly. Alternate equal tightening of screws until covers are secure. ($\frac{5}{32}$ " ball end $\frac{3}{4}$ " hex wrench is recommended.)



12. Install pole cap and secure center screw using a $\frac{1}{8}$ " hex wrench.

KIM LIGHTING LIMITED WARRANTY

When installed in accordance with Kim Installation Instructions and accepted trade practices, the following shall apply:

General Product Limited Warranty Coverage

All material and component parts used in the manufacture of Kim Products, are warranted to be free from defects of material and/or workmanship for a period of 1 year from date of sale, with the following exceptions:

Auxiliary Equipment

All auxiliary equipment (such as lamps, ballasts, and transformers) provided by and/or included in Kim Products shall carry the component manufacturer's warranty.

Copper and Bronze Landscape Components

Copper and Bronze Landscape fixture components shall be warranted against defects of material and/or workmanship, and failure due to corrosion, for a period of 25 years from date of sale.

Composite In-Grade Components

Composite In-Grade fixture components installed below grade, shall be warranted against defects of material and/or workmanship, and failure due to corrosion, for a period of 7 years from date of sale.

Aluminum Landscape Components

Aluminum Landscape fixture components not in direct contact with soil, shall be warranted against defects of material and/or workmanship for a period of 3 years from date of sale. Aluminum fixture components in direct contact with soil shall be warranted from defects of material and failure from corrosion for a period of 1 year from date of sale.

Limit of Liability and General Conditions

Only products which are installed, used and maintained in accordance with applicable Kim instructions, specifications and accepted trade practices, are covered by the Kim Warranty. During the warranty period, with proof of purchase, Kim will repair or replace with the same or similar product, at Kim's option, without charge. This warranty is void if the product is modified, tampered with, misapplied, poorly installed, improperly maintained, or subjected to abnormal conditions.

Repair or replacement as provided under this warranty is the exclusive remedy of the purchaser. This warranty is in lieu of all other warranties, expressed or implied, including any implied warranty of fitness for a particular application. Kim Lighting shall not be liable to the purchaser for indirect or consequential damages.



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Your concerns are important to us.