

# ***Monitor Arm Installation***

Supplement to the System Two Installation Manual

## **SPECIAL NOTE:**

**Installation and repair of this equipment should be performed by qualified persons only.**

**Medical Illumination International, Inc. does not warranty any damage occurring as a result of improper installation.**

**It is recommended that the System Two installation manual be completely reviewed prior to installation.**

# Monitor Arm Installation



1. Monitor Arm Installed.



2. Extension Arm Assembly.



3. a. Ceiling Extension Rod.  
b. Jack Screw rings & Tapered Collet.  
c. 3" long Dowel Pin @ required hole location.



4. Insert cables through bottom of shaft through Ceiling Extension Rod.



5. Use four 5/16 screws to mount Extension Arm Assembly to Ceiling Extension Rod.



6. Ceiling Extension Rod & Extension Arm joined.

# Monitor Arm Installation



7. 3" long Dowel Pin inserted into required hole in Ceiling Extension Rod.



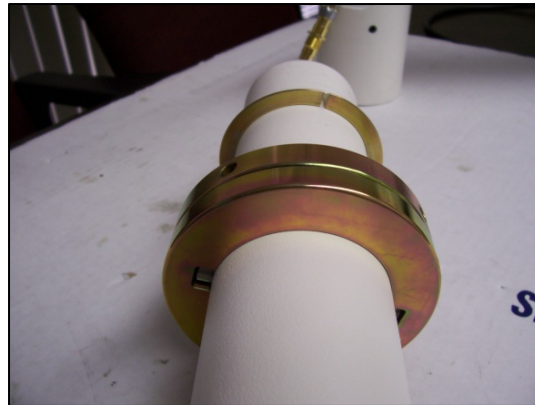
8. Jack Screw rings.



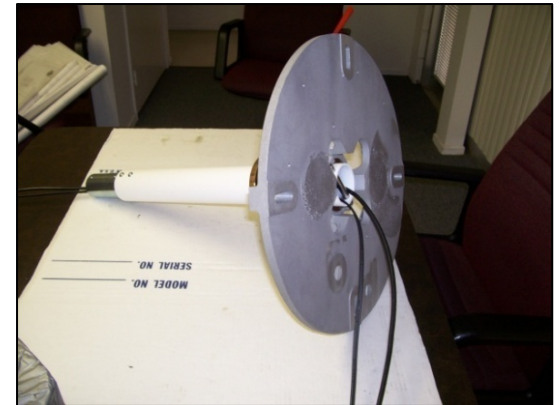
9. Jack Screw rings assembled.



10. Jack Screw rings on Extension Rod.  
Mate notch on lower Jack Screw ring with Dowel Pin.



11. Jack Screw assembly & Tapered Collet mounted on Ceiling Extension Arm.



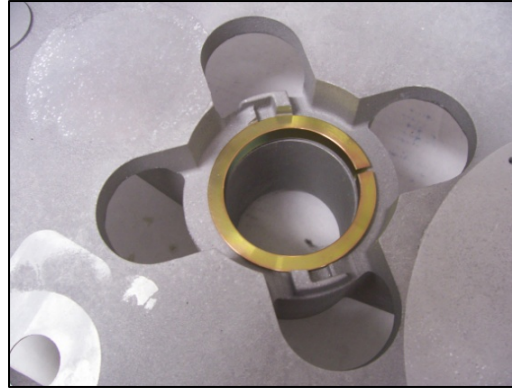
12. Route cables through Ceiling Extension rod and ceiling casting.



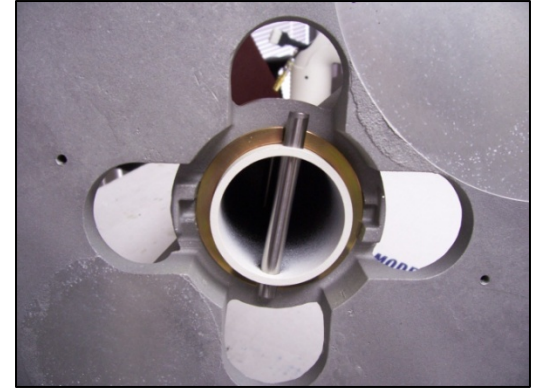
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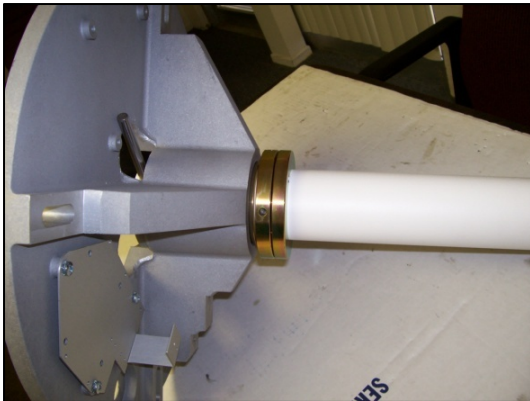
13 a. Ceiling Casting  
b. Tapered Collet  
c. 3.5" long Dowel Pin.



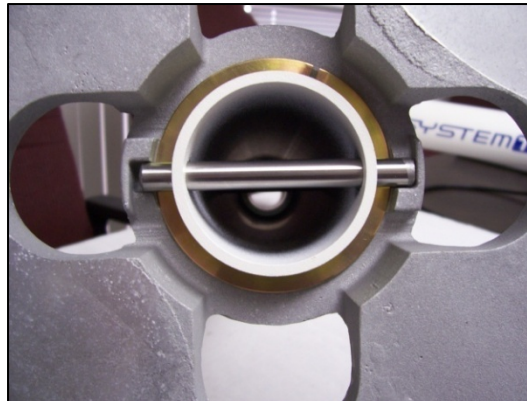
14. Place one Tapered Collet in top conical hole.



15. Insert Dowel pin into top hole of Ceiling Extension Arm.



16. 3.5" long dowel pin shown in top hole of Ceiling Extension Rod.



17. Rotate shaft until pin locks into casting notch.



18. Extension Arm, Ceiling Extension Rod and Ceiling Casting assembled.

# Monitor Arm Installation



19. Ceiling casting mounted.



20. Position Rods and tighten Jack Screw.



21. Extension Arm elbow & Monitor arm shaft.



22. Parts to install into Elbow:  
a. Plastic bearing.  
b. Thrust bearing components.  
c. Retaining ring.



23. Insert monitor arm shaft into elbow.



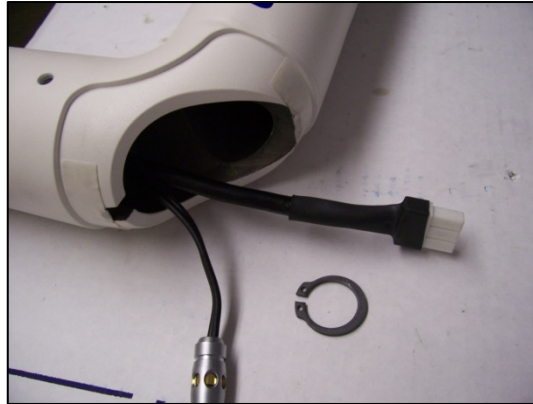
24. Install plastic bearing first.



# Monitor Arm Installation



25. Install Thrust bearing components by passing the cables one at a time through each component.



26. Install retaining ring.



27. Terminating connectors in elbow.



28. Attach elbow cover.  
Note arrow inside part surface points up.



29. Installation complete.