

STXL Automatic Lens and Aperture Changer Installation Instructions

Tools Required:

- Sabre Saw
- File
- Drill
- Tap Handle
- Allen Wrench set (std.)
- Screw Drivers common and Phillips

- STEP 1:** Remove Projector Head from Sound Head and place on a sturdy work surface.
- 2:** Remove these items from the Main Casting.
- a) the Door from the Operating side of the Projector.
 - b) the complete Lens Holder and Focus Assemblies.
 - c) the complete Gate and Trap assembly including Mounting Base.
 - d) the complete Governor Driven Fire Shutter Assembly.
- 3:** Take the Larger of the (2) Mounting Plates from the Installation kit. And Mount to the Main Casting using the (2) upper Holes and the Hole from the hinge.
- 4:** Open the small bag supplied with the Mounting Plates and remove the #7 Drill Bit, 1/4-20 Tap and DRILL BUSHING.
- 5:** Insert Drill Bushing into the lower left recessed hole and drill out Casting, Repeat for the lower right hole.
- 6:** Remove mounting plate and Tap the (2) holes that were just drilled.
- 7:** Place Scribing Template on the Front of the Projector, then using a Metal Scribe or Awl make several passes along the inside edge of the Template to give you a well defined line to cut along.
- 8:** Remove Template and set aside, next CAREFULLY cut the Casting along the Scribed Line.
- 9:** Dress the Cut just made to the casting with a File to remove any sharp edges or burrs.

- 10: Stack the Mounting Plates and attach to the Projector with the (3) 1/4-20 x 1 1/4" Allen cap screws in the upper right and the (2) lower mounting holes, also insert the (1) 10-24 x 1 1/4" Allen cap screw into the old hinge hole.
- 11: Remove the New Turret from its shipping container and Mount it to the New mount that was installed on the Projector with the supplied Hardware.
- 12: Remove upper Constant Speed Sprocket Pad Roller Assembly from the Projector and remove the forward Pad Roller Shaft then replace it with the new short Shaft supplied with the Kit.
- 13: Reinstall the Pad Roller Assembly and set per Factory Specs.
- 14: Remove the New Gate and Trap Assembly from the Shipping Container and Install in the Projector where the old Gate and Trap carriage was mounted.
- 15: Reinstall Projector Head on the Soundhead.

If further assistance is required contact:

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- 1 = FLAT STOP
- 2 = SCOPE STOP
- 3 = SIDE TO SIDE FLAT
- 4 = SIDE TO SIDE SCOPE
- 5 = FOCUS FLAT
- 6 = FOCUS SCOPE
- 7 = FLAT LENS CLAMPING SCREWS
- 8 = SCOPE LENS CLAMPING SCREWS
- 9 = DRIVE CLUTCH
- 10 = CHAIN TENSION ADJ. SCREWS

ADJUSTMENTS

