Disclaimer

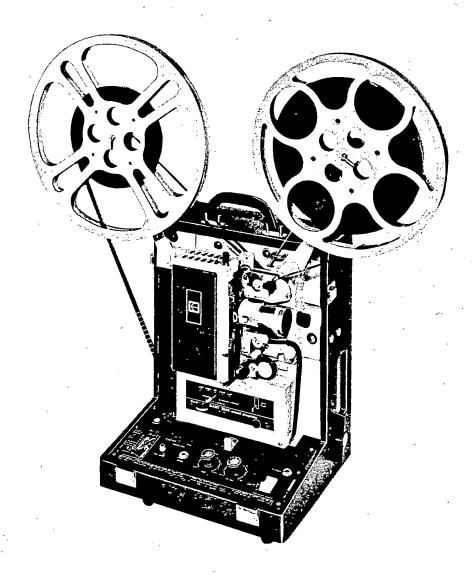
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Service Manual KODAK PAGEANT 250S Sound Projector

This Service Manual supersedes Service Manual No. 789366.



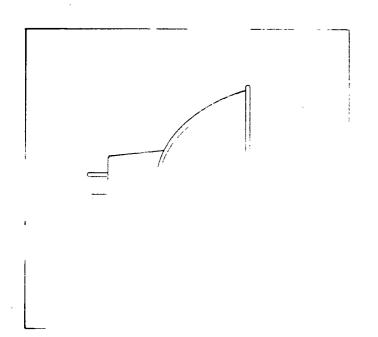
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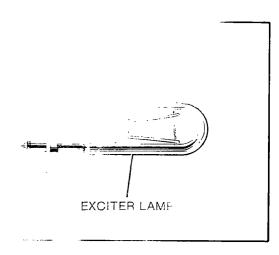
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Special Tools

TL-815	SPRING SCALE
TL-1007	CLAW PROTRUSION GAUGE
TL-1079	SPRING GAUGE
TL-2192	THERMAL COMPOUND (WAKEFIELD Type 120 Compound●)
TL-2196	SEALANT (LOCTITE Grade B Sealant)
TL-2199	SAE NO. 20 OIL (CITGO PACEMAKER T30 Oile)
TL-2200	NON-MELTING GREASE (PARR PLASTILUBE No. 1 Grease*)
TL-2201	NON-MELTING GREASE WITH MOLY (PARR PLASTILUBE No. 1 Grease
	with 12% Moly●)
TL-2245	SYNTHETIC GREASE WITH MOLY (NYE Rheolube 733 Grease with Moly•)
TL-2493	TRAVEL GHOST TOOL
TL-2547	CEMENT (GLYPTAL Cement•)
TL-2578	KODAK NYLON GEAR LUBRICATION
110882	OIL (DOW CORNING DC200 Fluid•)
760382	5000-HZ TEST FILM
 760383	BUZZ TRACK TEST FILM

[•] The manufacturer's name and part number shown in parentheses are being used by Kodak at this time. In an emergency, customers may be able to purchase this product locally in a minimum of time. There may be other manufacturers' products with identical specifications that also may be suitable.



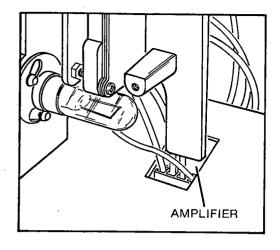


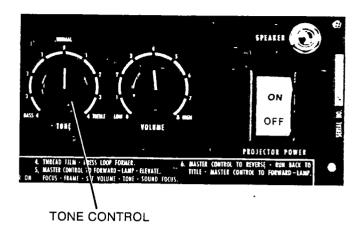
Electrical

Power Supply	105 to 125 V, 60 Hz
PROJECTION LAMP	200 W, ANSI code EJL, 24 V ac
EXCITER LAMP	ANSI code BSK; 6 V, 1 amp
Dielectric•Strength¹	Maximum of 5.0 mA with 1200 V, rms, 60-Hz input for a minimum of 1 second

¹See the glossary.

Electrical





AMPLIFIER Specifications

	"FILM"	"MICRO"	"AUX"
Maximum Output●	14.2 V minimum		
Maximum Input●●	150 mV minimum		
Signal-to-noise Ratio1,	47 dB minimum	42 dB minimum	48 dB minimum
Frequency¹ Response•,•••: 400 Hz 50 Hz 100 Hz 200 Hz 1 kHz 2 kHz 4 kHz 7 kHz 10 kHz 15 kHz	0 dB -1.0 \pm 1.5 dB -0.5 \pm 1.0 dB 0 \pm 0.5 dB 1.0 \pm 1.0 dB 2.5 \pm 1.0 dB 3.5 \pm 1.0 dB 3.0 \pm 1.5 dB	0 dB -0.5 dB ± 1.5 dB 0 ± 1.0 dB 0 ± 0.5 dB 0 ± 1.0 dB -0.5 ± 1.0 dB -0.5 ± 1.0 dB -1.5 ± 1.5 dB -3.0 ± 1.5 dB -5.0 ± 2.0 dB	0 dB -0.5 ± 1.5 dB 0 ± 1.0 aB 0 ± 0.5 dB 0 ± 1.0 dB -0.5 ± 1.0 dB -0.5 ± 1.0 dB -1.0 ± 1.5 dB -2.0 = 1.5 dB -4.0 ± 2.0 dB
TONE CONTROL®, ●●0: 50 Hz—"0-NORMAL" "4-BASS" "4-TREBLE" 7 kHz—"0-NORMAL" "4-BASS" "4-TREBLE"	0 dB ± 1.0 dB ±1.0 dB 0 dB -12.0 dB maximum +3.0 dB minimum		

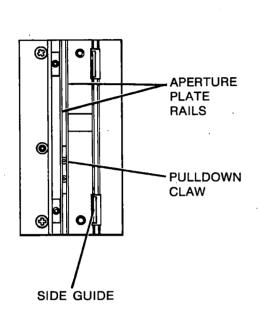
•With input of 30 mV, "FILM"; 1 mV, "MICRO"; 500 mV, "AUX."

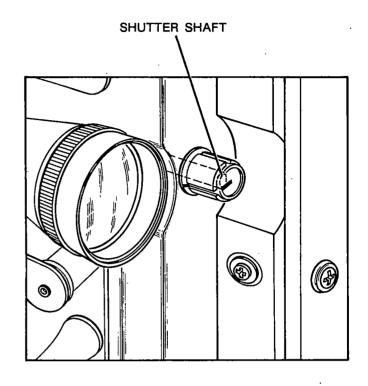
•• When output is approximately 14.2 V into 8Ω .

••• Output adjusted to 6 V, rms.

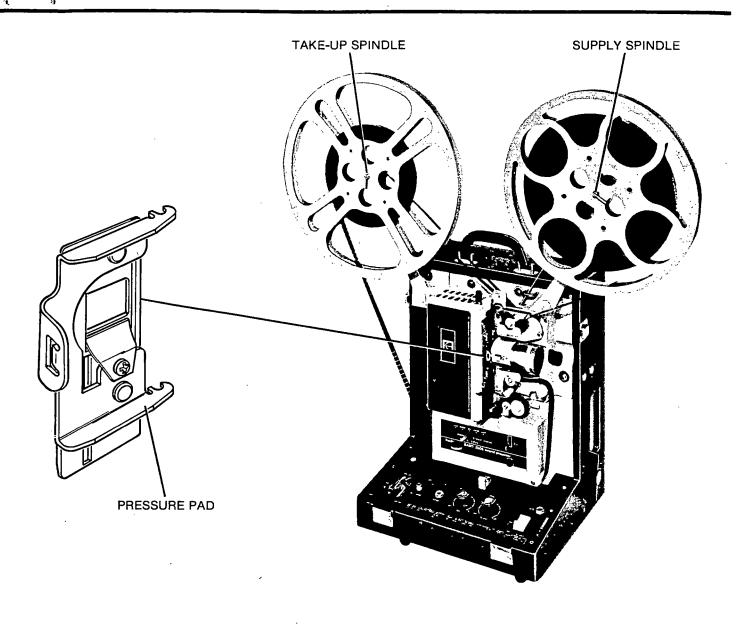
NOTE: Input is 10 k Ω for "FILM"; 600 Ω for "MICRO" and "AUX." TONE CONTROL in "NORMAL" position, except for TONE CONTROL test. Operating frequency is 400 Hz, except for frequency response test.

¹See the glossary.

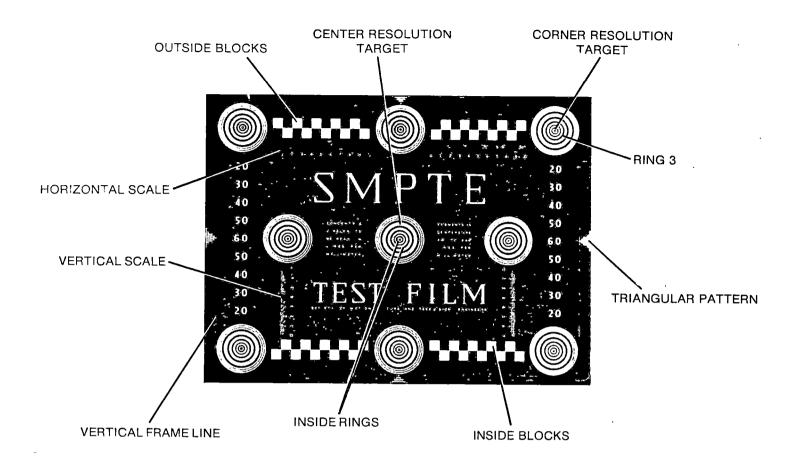




PULLDOWN CLAW	The end of the PULLDOWN CLAW is 0.76 mm to 1.14 mm (0.030 to 0.045") from the APERTURE PLATE RAILS.
SIDE GUIDE Force	0.280 to 0.415 N (1 to 1.5 oz f)
SHUTTER SHAFT Speed	Sound speed of 24 fps: 1440 ± 75 rpm, 115 V Silent speed of 18 fps: 1080 ± 60 rpm, 115 V



0.417 to 0.695 N (1.5 to 2.5 oz f)
In "FORWARD": 7.1 to 24.7 mN●m (1.0 to 3.5 in oz)
In "REVERSE": 3.5 to 14.1 mN•m (0.5 to 2.0 in oz)
In "FORWARD": 5.3 to 14.1 mN●m (0.75 to 2.0 in oz)
In "REVERSE": 35 to 99 mN●m (5 to 14 in oz)
In "REWIND": 297 to 445 mN • m (42 to 63 in oz)



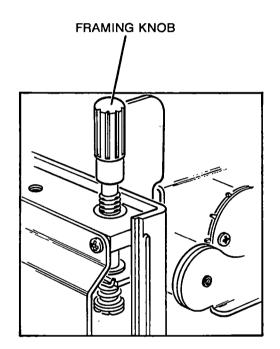
NOTE: Use the SMPTE REG-16 REGISTRATION TEST FILM 761715 for the following procedures.

Travel•Ghost¹	With PROJECTOR in "FORWARD," 18 fps: Check the INSIDE and OUTSIDE BLOCKS, above and below, for traveloghost. Maximum traveloghost is approximately 0.015 mm (0.0006").
	With PROJECTOR in "REVERSE," 18 fps: Minimum travel•ghost is normal if you make necessary adjustments in "FORWARD."
Centering ¹	Check that the same number of BARS within the TRIANGULAR PATTERN in the center of the VERTICAL FRAME LINE are visible on both sides.
Steadiness ¹	In both "FORWARD" and "REVERSE," 24 fps: Image does not move more than the space between two lines on the VERTICAL and HORIZONTAL SCALES.
Focus	Check that the INSIDE RINGS of the CENTER RESOLUTIO TARGET are in focus and that the 4 CORNER RESOLUTIO TARGETS are in focus in RING 3.

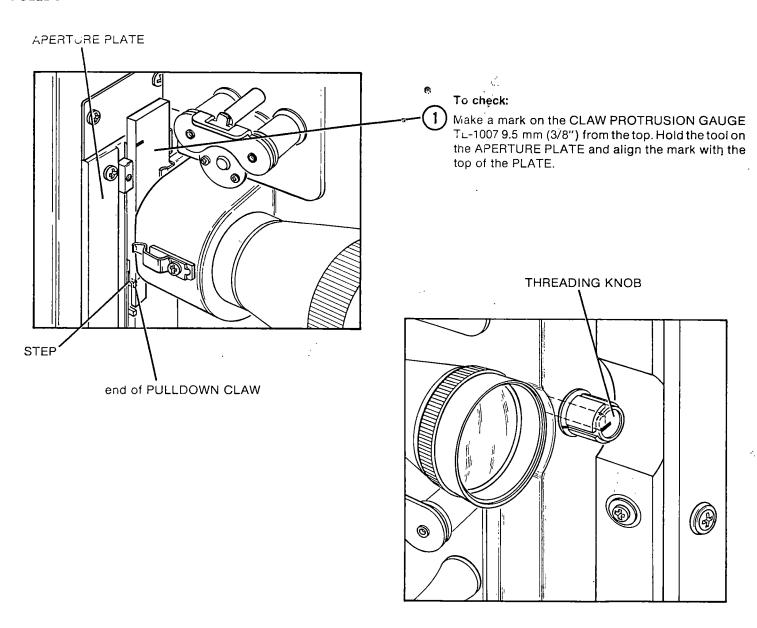
¹See the glossary.

 	
Framing ¹	Move the FRAMING KNOB to the middle position; use a point in the center of the VERTICAL SCALE to check the framing. The correct framing of the image is a minimum of 0.51 mm (0.02") above and below this point when you adjust the FRAMING KNOB to the clockwise and counterclockwise position.

¹See the glossary



PULLDOWN CLAW



When you rotate the THREADING KNOB counterclockwise, the end of the PULLDOWN CLAW touches the front of the step. If it does not touch the front of the STEP, see step 3 to adjust.



To adjust:

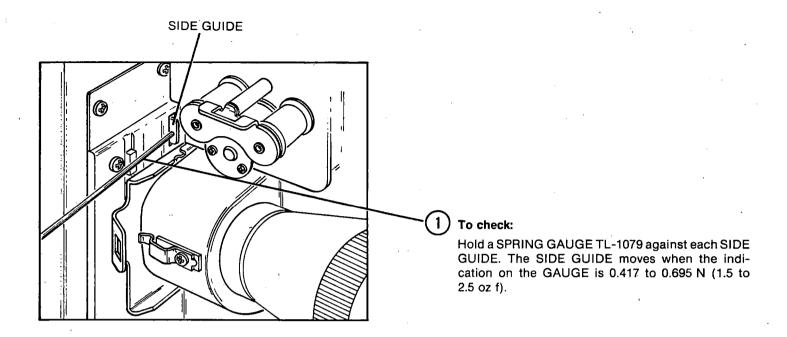
Increase or decrease the number of CLAW SHIM WASHERS, as necessary.

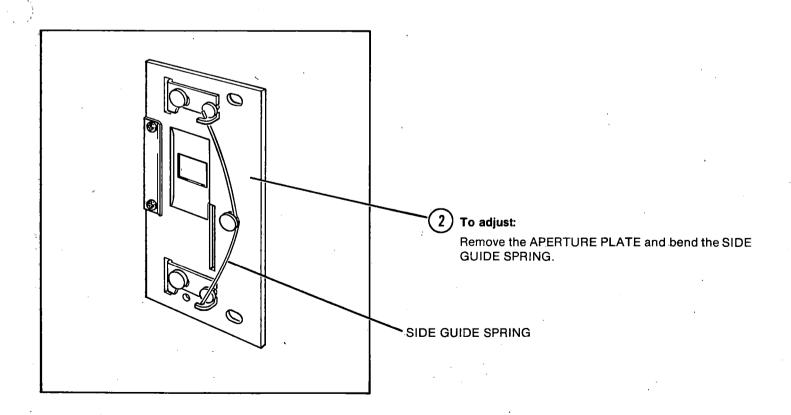
Use a 0.127 mm (0.005") WASHER—092950 and/or a 0.254 mm (0.010") WASHER—048968.

FIGURE 7

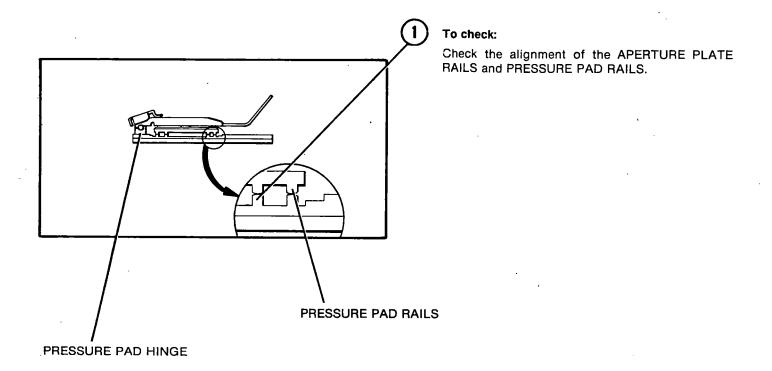
SMP20A

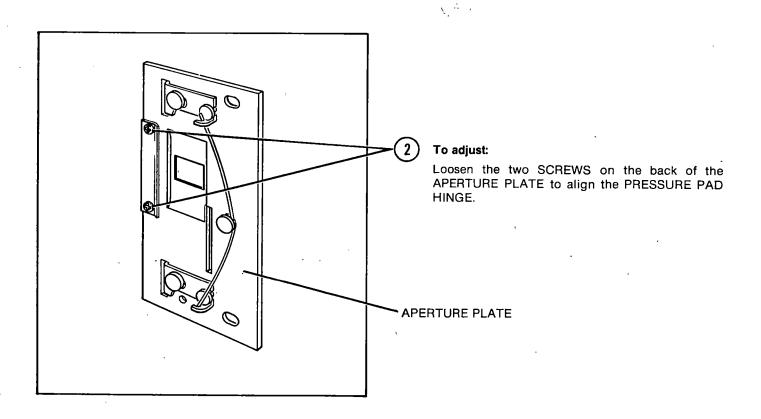
SIDE GUIDE Force



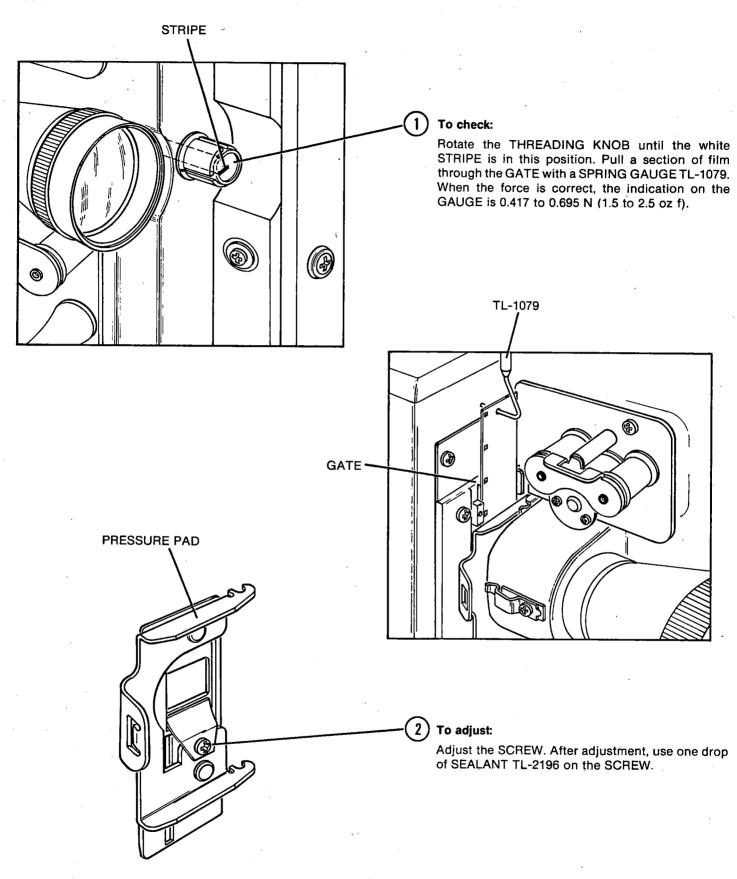


PRESSURE PAD RAILS

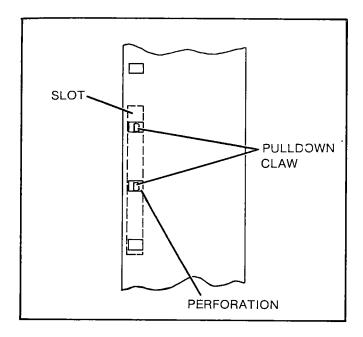




PRESSURE PAD Force

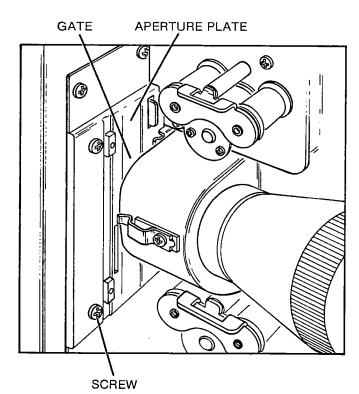


APERTURE PLATE



(1) To check:

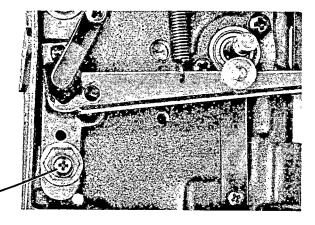
Insert a section of film in the GATE. When the PULLDOWN CLAW is in the correct position, it is approximately in the center of the film PERFORATIONS and the CLAW is in alignment with the SLOT.



2 To adjust:

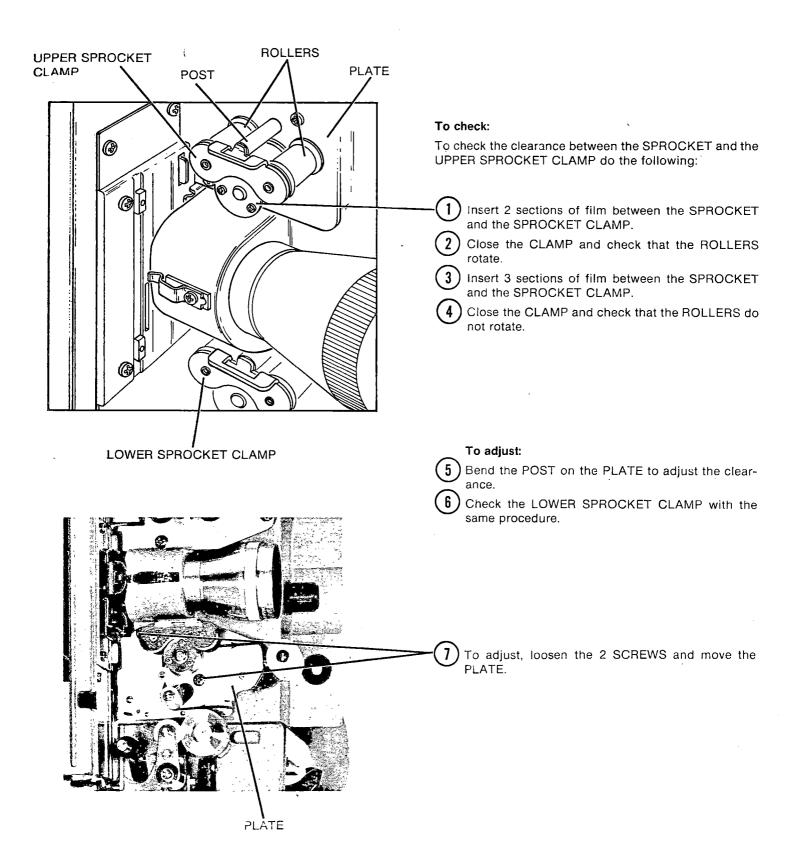
Loosen the two SCREWS that hold the APERTURE PLATE to the PROJECTOR and move the APERTURE PLATE for correct adjustment.

3 If necessary, adjust the ECCENTRIC.

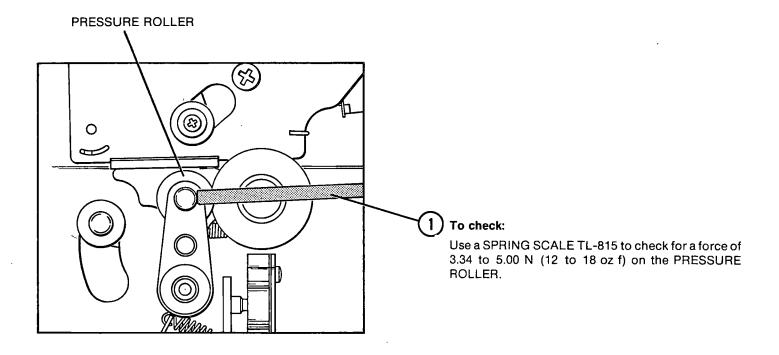


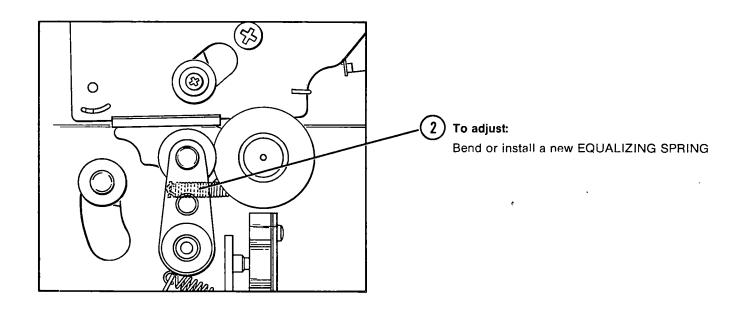
ECCENTRIC -

SPROCKET CLAMPS

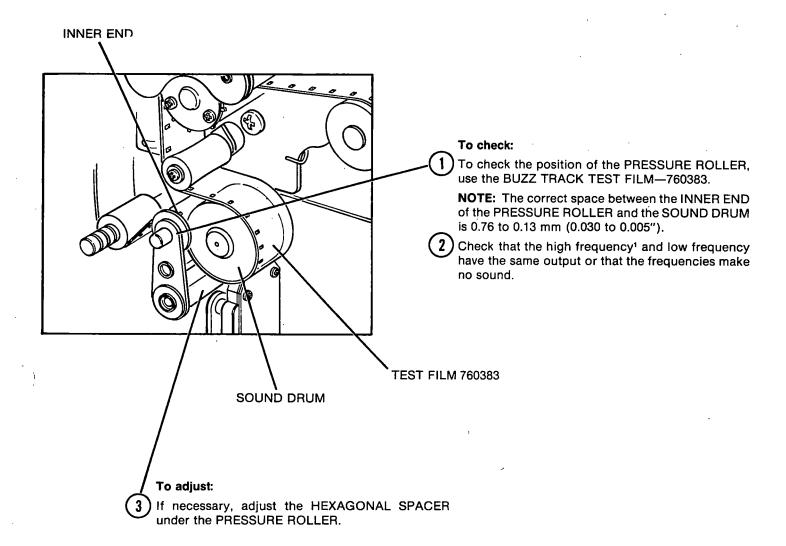


PRESSURE ROLLER Force



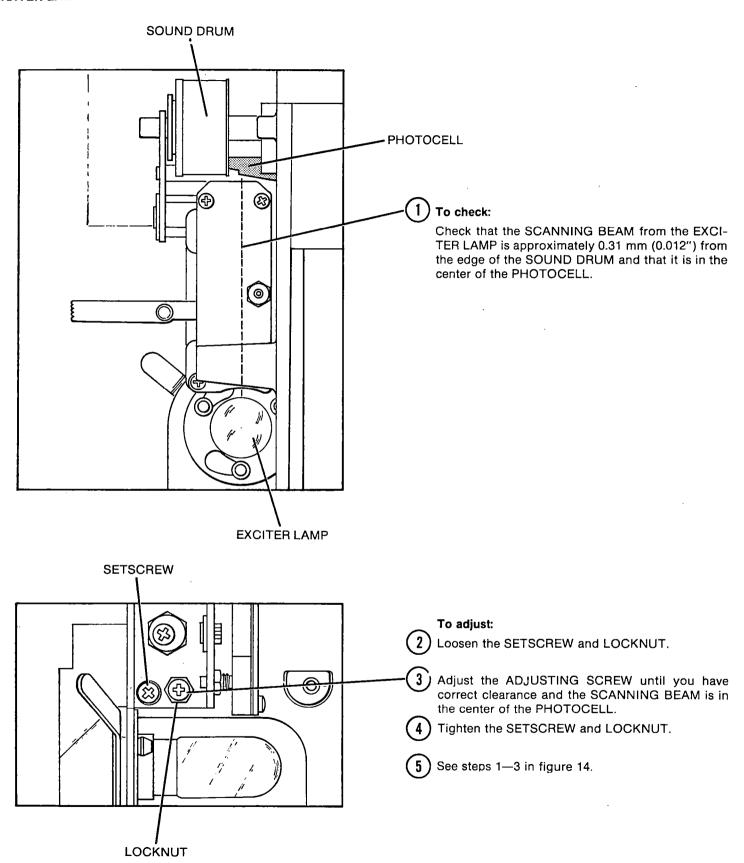


PRESSURE ROLLER Position

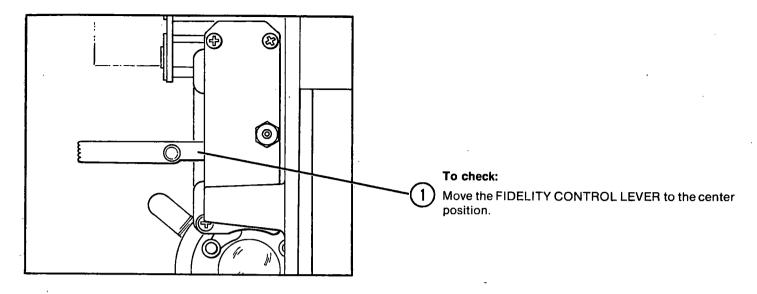


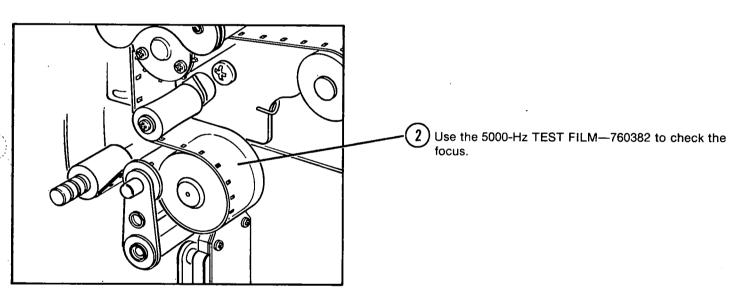
¹See the glossary.

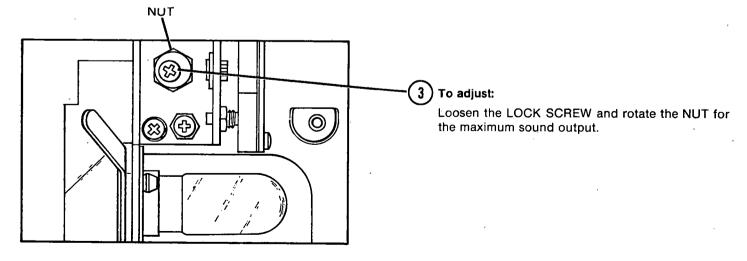
EXCITER LAMP



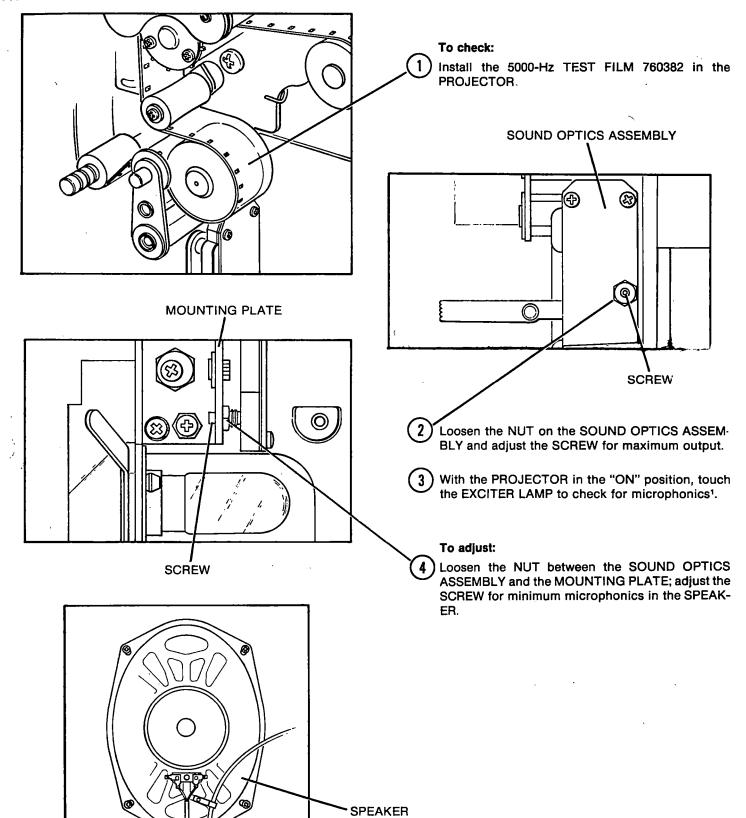
Focus





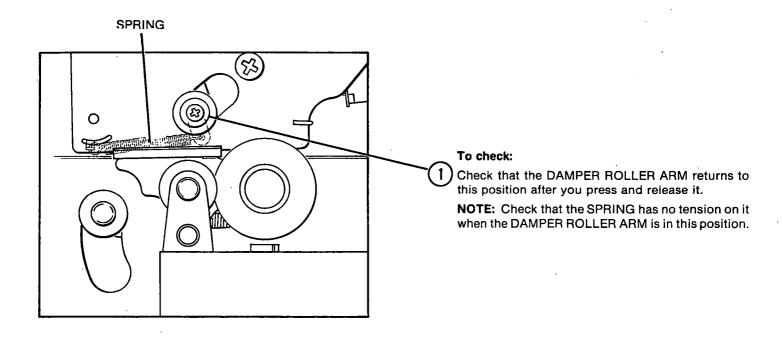


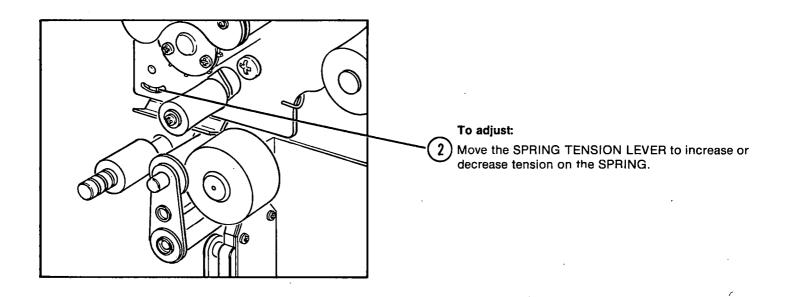
Sound



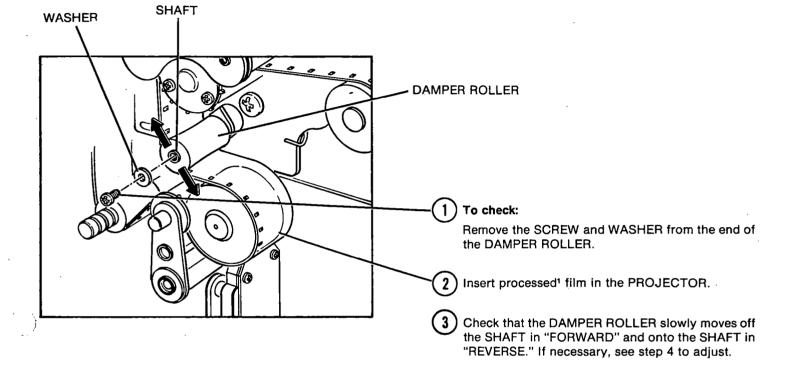
¹See the glossary.

DAMPER ROLLER ARM





DAMPER ROLLER

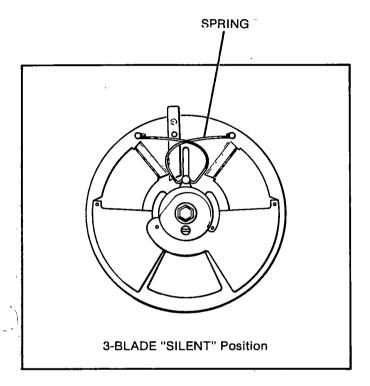


To adjust:

4 Bend the SHAFT up or down on this angle.

¹See the glossary.

Shutter



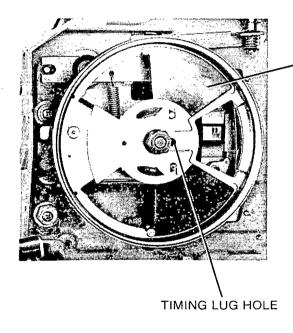
To check:

- Operate the PROJECTOR at 24 fps: "SOUND." Check that the shutter changes from the 3-BLADE "SILENT" position to the 2-BLADE "SOUND" position.
- 2) Operate the PROJECTOR at 18 fps: "SILENT." Check that the shutter does not change.

To adjust:

- Decrease the tension on the SPRING if the shutter does not change at 24 fps.
- Increase the tension on the SPRING if the shutter changes at 18 fps.

T.LvcI•Ghost1

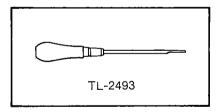


To check:

- 1) Arter you assemble the SHUTTER ASSEMBLY, creek for traveleghost.
- (2) If travel-ghost is visible, see step 3 to adjust.

To adjust:

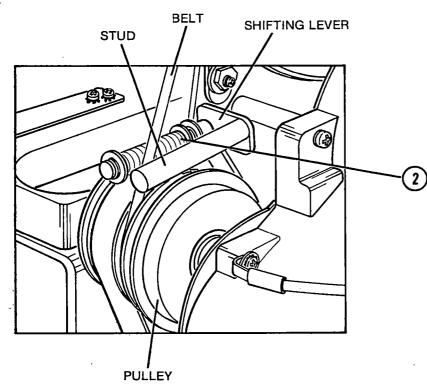
- Insert the TRAVEL GHOST TOOL TL-2493 in the TIMING LUG HOLE. Tap the end of the tool.
- If the travel•ghost is on top of the image, lift up the tool; if it is on the bottom of the image, press down on the tool.



¹See the glossary. ⁻⁻

1 To check:

Check that the PROJECTOR changes from 18 fps to 24 fps and from 24 fps to 18 fps. If it does not change, see step 2 to adjust.

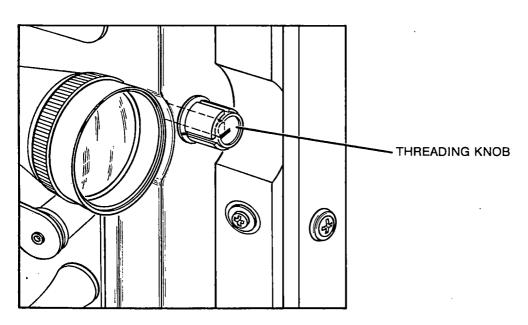


To adjust:

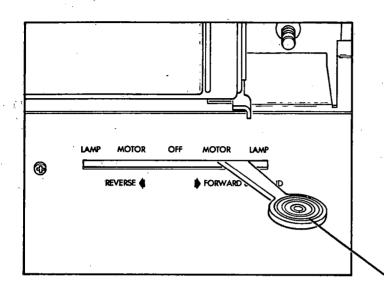
Bend the SHIFTING ROLLER and STUD on the SHIFTING LEVER.

NOTE: The position of the SHIFTING ROLLER and the STUD is correct when:

- the BELT does not touch the SHIFTING ROLLER or STUD in "SILENT" or "SOUND."
- the PULLEY does not touch the SHIFTING ROLLER or STUD in "SILENT" or "SOUND."
- manual rotation of the THREADING KNOB changes the speed.



MASTER CONTROL LEVER

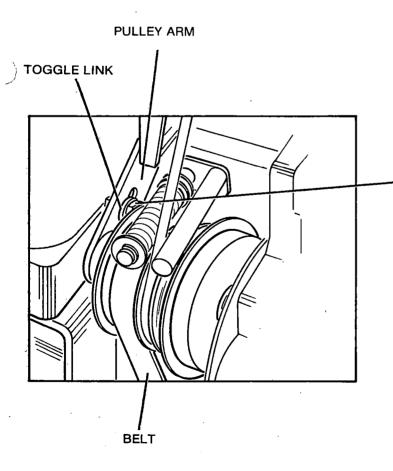


To check:

(1) Check that the PROJECTOR operates in "FOR-WARD" and "REVERSE" and the speed does not change from fast to slow.

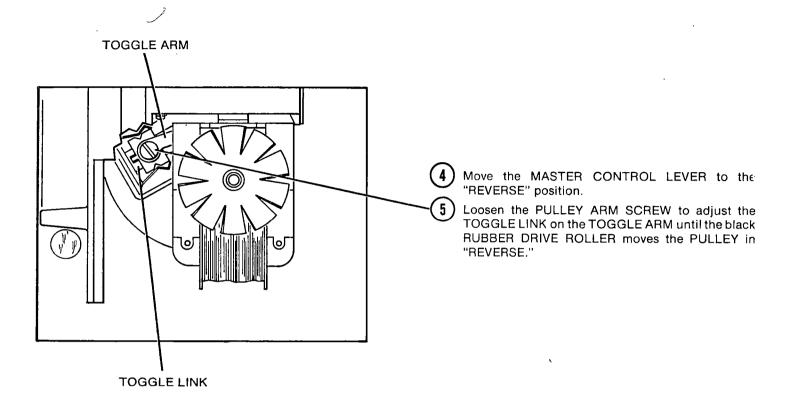
To adjust:

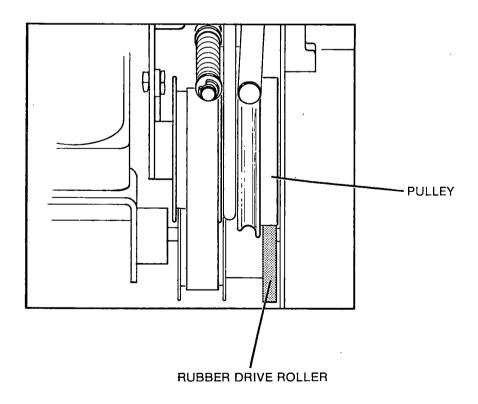
Move the MASTER CONTROL LEVER to the "FORWARD" position.



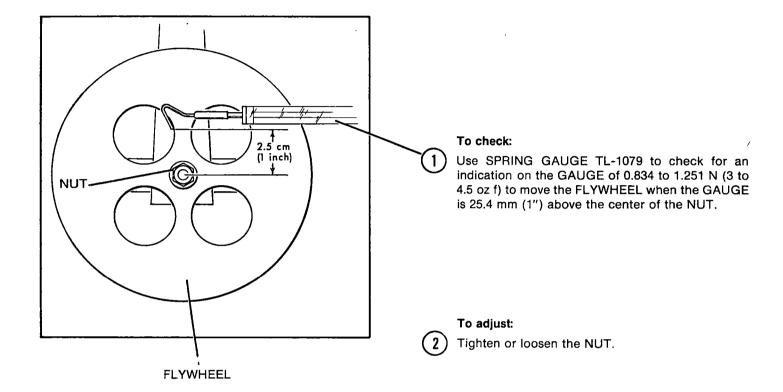
Loosen the TOGGLE SCREW and adjust the TOGGLE LINK on the PULLEY ARM until the BELT is tight.

MASTER CONTROL LEVER

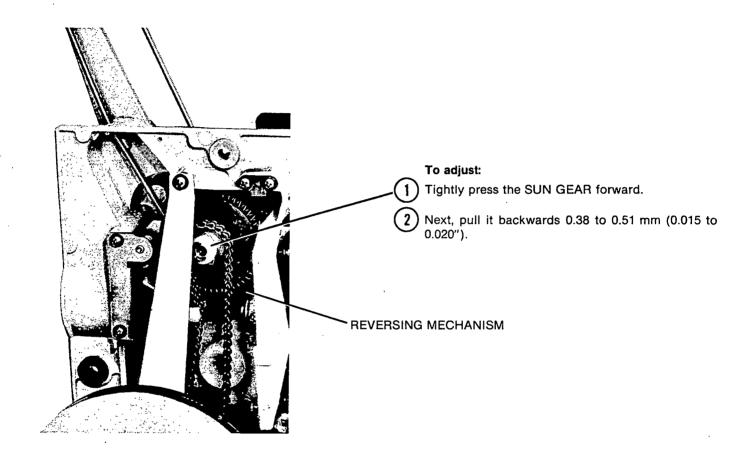




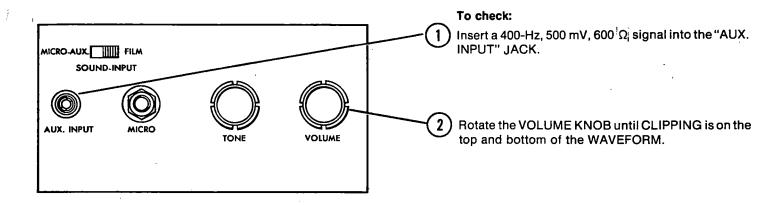
FLYWHEEL

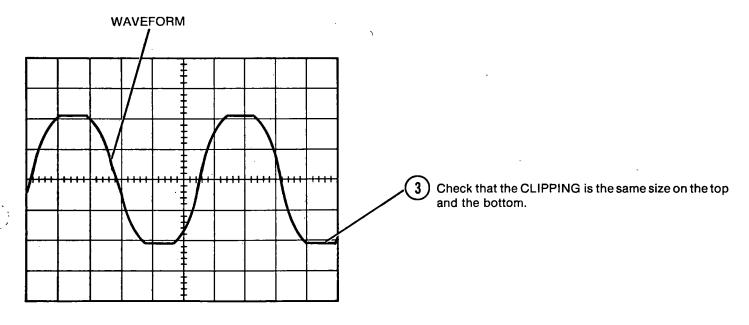


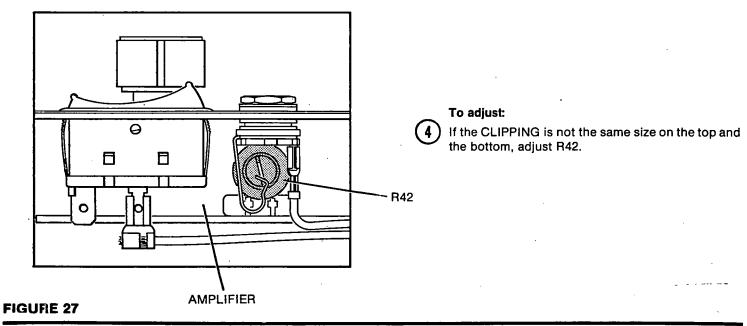
REVERSING MECHANISM



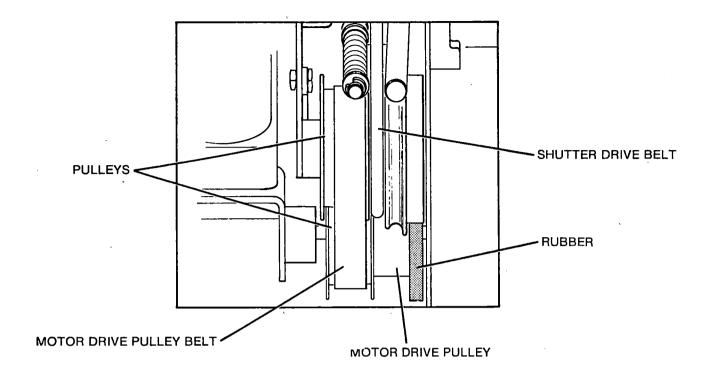
AMPLIFIER







SMP20A



PROJECTOR does not operate in "FORWARD."

Lubricant on MOTOR DRIVE PULLEY BELT

Adjustment of MASTER CONTROL LEVER is not correct.

SHUTTER DRIVE BELT is not in the correct position.

Clean lubricant from PULLEYS and install a new MOTOR DRIVE PULLEY BELT.

See Adjustments, "MASTER CONTROL LEVER," figures 23 and 24.

Check position of SHUTTER DRIVE BELT.

PROJECTOR does not operate in "REVERSE."

RUBBER on MOTOR DRIVE PULLEY has lubricant

Adjustment of "MASTER CONTROL" is not correct.

SHUTTER DRIVE BELT is not in the correct position.

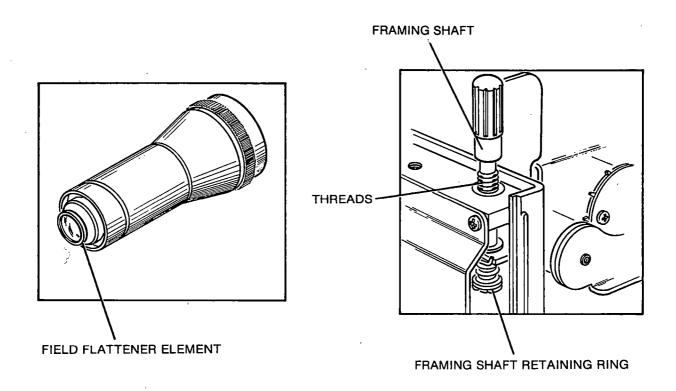
Install a new MOTOR DRIVE PULLEY.

See Adjustments, "MASTER CONTROL LEVER," figures 23 and 24.

Check position of SHUTTER DRIVE BELT.

Speed does not operate correctly.

		· · ·
i e	•	
Adjustment of speed is not correct.		See Adjustments, "Speed," figure 22.

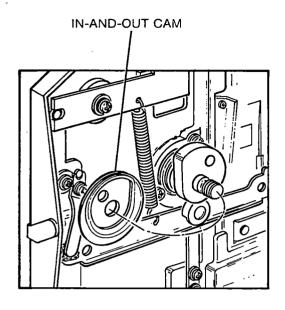


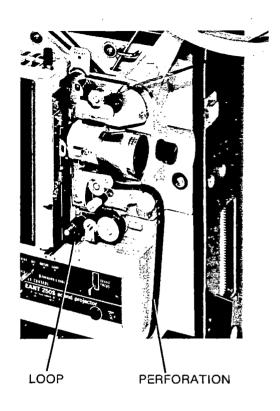
Focus of image is not correct.

Alignment of the APERTURE PLATE and PRESSURE PAD ASSEMBLY is not correct.	See Adjustments, "PRESSURE PAD RAILS," figure 9.
FIELD FLATTENER ELEMENT does not move freely.	Clean.

Image is not in the correct frame.

Damage to THREADS on the FRAMING SHAFT.	Install a new FRAMING SHAFT.
FRAMING SHAFT RETAINING RING is not in the PROJECTOR.	Install a new FRAMING SHAFT RETAINING RING.
PROJECTOR.	,





PROJECTOR does not have a lower LOOP and damages film PERFORATIONS.

Alignment of PRESSURE PAD RAILS with APERTURE PLATE RAILS is not correct.

Adjustment of PRESSURE ROLLER and ARM ASSEMBLY is not correct.

Damage to IN-AND-OUT CAM.

See Adjustments, "PRESSURE PAD RAILS," figure 9.

See Adjustments, "PRESSURE ROLLER Force and Position," figures 13 and 14.

Install a new IN-AND-OUT CAM.

PROJECTOR breaks the splices¹

Damage to splice

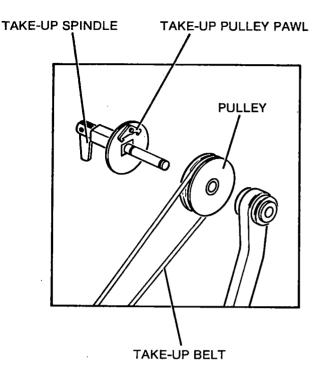
PRESSURE PAD force is too high.

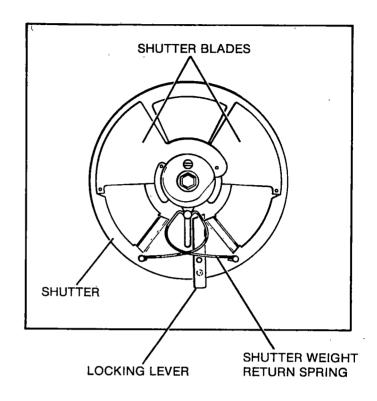
SPROCKET CLAMP adjustment is not correct.

Use a new splice.

See Adjustments, "PRESSURE PAD Force" figure 10. See Adjustments, "SPROCKET CLAMPS," figure 12.

See the glossary.





TAKE-UP SPINDLE torque is not correct.

TAKE-UP PULLEY PAWL does not move freely.

TAKE-UP BELT is broken, has damage, or is not in the correct position on the PULLEY.

Use a lubrication; see Lubricants and Adhesives, figure 43.

Check position of TAKE-UP BELT; install a new TAKE-UP BELT, if necessary.

Shutter does not change from the 2-BLADE to 3-BLADE position or from the 3-BLADE to 2-BLADE position

Adjustment of the shutter is not correct or SHUTTER BLADES are not clean.

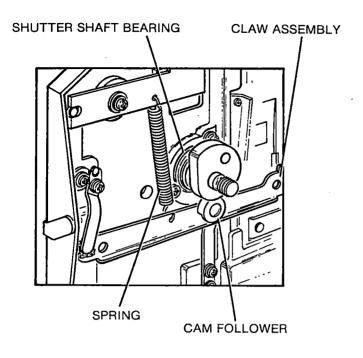
Check the position of the LOCKING LEVER.

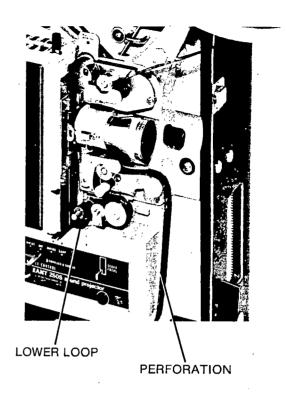
The tension on the SHUTTER WEIGHT RETURN SPRING is not correct.

See Adjustments, "Shutter," figure 20.

Change position, if necessary.

Adjust the tension.





No steadiness1 of image

The PULLDOWN CLAW clearance in the APERTURE PLATE is not correct.

PRESSURE PAD force is not correct.

SIDE GUIDE force is not correct; SIDE GUIDES do not move freely.

SPRING tension on CAM FOLLOWER is not correct.

SHUTTER SHAFT BEARING does not move freely.

See Adjustments, "PULLDOWN CLAW," figure 7.

See Adjustments, "PRESSURE PAD Force," figure 10. See Adjustments, "SIDE GUIDE FORCE," figure 8.

Check the tension and adjust.

Install a new SHUTTER SHAFT BEARING.

PROJECTOR does not have a LOWER LOOP and damages film PERFORATIONS.

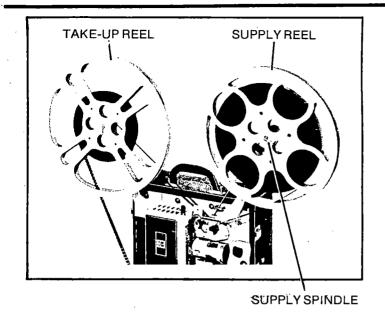
PULLDOWN CLAW clearance is not correct.

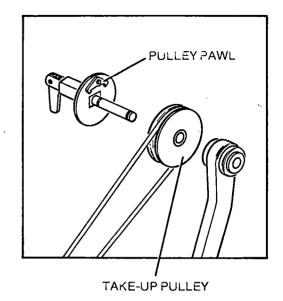
PRESSURE PAD force is not correct.

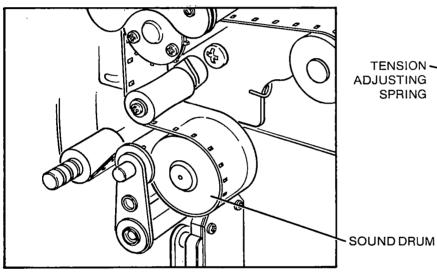
Damage to CAM FOLLOWER

See Adjustments, "PULLDOWN CLAW," figure 7.
See Adjustments, "PRESSURE PAD Force," figure 10.
Install a new CLAW ASSEMBLY.

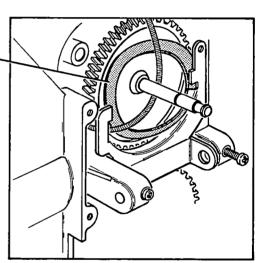
¹See the glossary.







TENSION ADJUSTING SPRING



Film on TAKE-UP REEL is loose when the PROJECTOR operates in "REVERSE."

TAKE-UP PULLEY does not rotate freely.

PULLEY PAWL is dirty and does not have lubrication.

Clean and lubricate the BEARINGS; see Lubricants and Adhesives, figure 43.

Clean and lubricate the PULLEY PAWL; See Lubricants and Adhesives, figure 43.

SUPPLY REEL spills film when the PROJECTOR operates in "FORWARD."

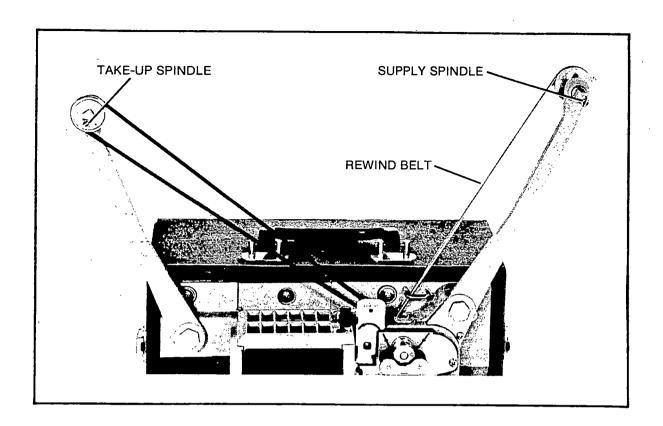
SUPPLY SPINDLE torque is not correct.

Check for a torque of 35 to 99 mN•m (5 to 14 in oz). if the torque is not correct, install a new TENSION ADJUSTING SPRING.

Film position on SOUND DRUM is not correct when the PROJECTOR operates in "REVERSE."

Adjustment of the DAMPER ROLLER ARM is not correct.

See Adjustments, "DAMPER ROLLER ARM," figure 18.



"REWIND" does not operate.

REWIND BELT has damage or is broken.

Adjustment of REVERSING MECHANISM is not correct.

TAKE-UP SPINDLE and SUPPLY SPINDLE do not move freely.

Install a new REWIND BELT.

See Adjustments, "REVERSING MECHANISM," figure 26.

Clean and lubricate.

PROJECTOR makes scratches on the film.

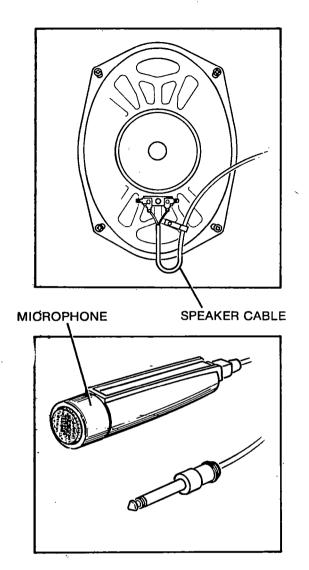
DAMPER ROLLER or SOUND DRUM PRESSURE ROLLER does not rotate freely.

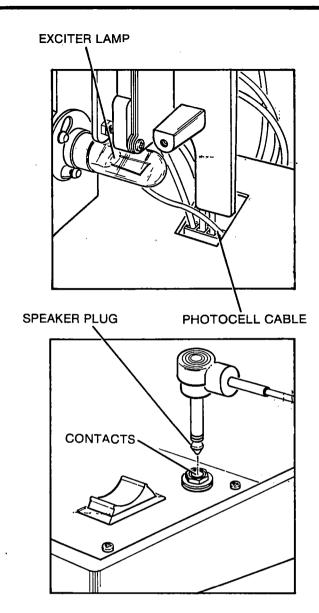
Alignment of PRESSURE PAD RAILS with APERTURE PLATE RAILS is not correct.

See Adjustments, "DAMPER ROLLER ARM" and "PRESSURE ROLLER Force and Position," figures 13, 14 and 18.

See Adjustments, "PRESSURE PAD RAILS," figure 9.

Sound





No film sound; EXCITER LAMP has illumination.

Install the MICROPHONE

- 1. If no sound through MICROPHONE, check the AMPLIFIER.
- 2. If you hear sound through MICROPHONE, check the following:

Position of film in PROJECTOR SPEAKER PLUG connection SPEAKER CABLE connections PHOTOCELL CABLE and connection Adjustment of EXCITER LAMP, focus, and sound See diagram, figure 54.

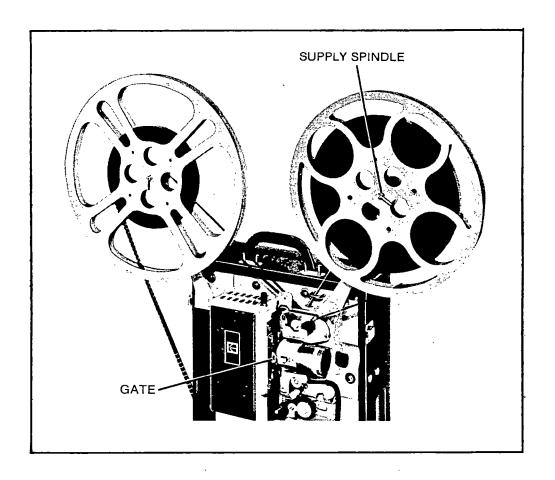
See Adjustments, "EXCITER LAMP, Focus and Sound," figures 15—17.

High noise1

SPEAKER PLUG does not make correct connection. Clean CONTACTS

Clean CONTACTS; insert PLUG correctly.

FIGURE 35



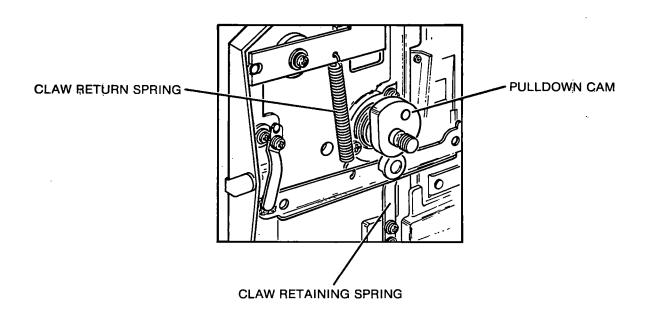
SUPPLY SPINDLE rotates when PROJECTOR operates in "FORWARD" without film.

Position of SUN GEAR is not correct.	See Adjustments, "REVERSING MECHANISM," figure 26.
--------------------------------------	--

Film makes noise in GATE.

PRESSURE PAD force is not correct.	See Adjustments, "PRESSURE PAD Force," figure 10.
Clearance of PULLDOWN CLAW in APERTURE PLATE is not correct.	See Adjustments, "PULLDOWN CLAW," figure 7.

See the glossary.



PROJECTOR makes noise1 with no film in it.

The PULLDOWN CLAW clearance in the APERTURE PLATE is not correct.

Adjustment of the CLAW is not correct.

Tension is not correct on the CLAW RETURN SPRING.

Tension is not correct on the CLAW RETAINING SPRING.

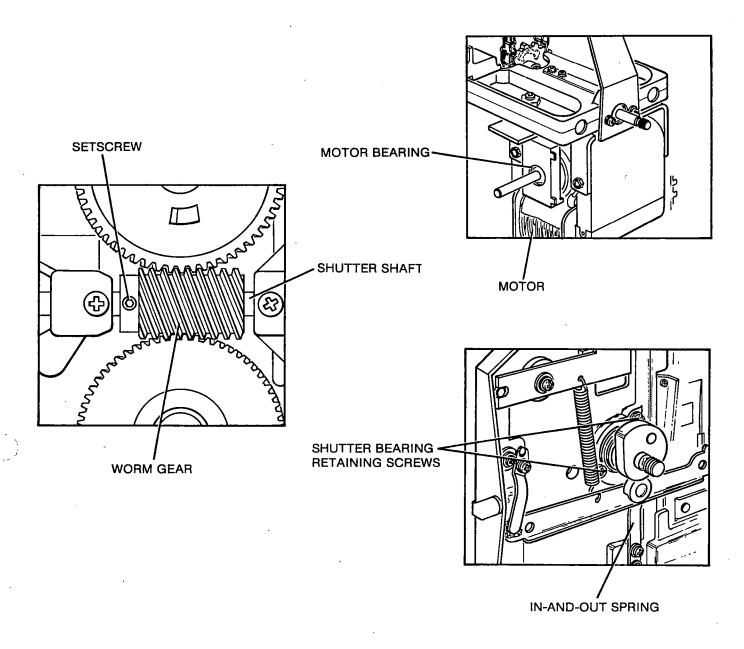
Damage to PULLDOWN CAM

See Adjustments, "APERTURE PLATE," figure 11.

See Adjustments, "PULLDOWN CLAW," figure 7. Install a new CLAW RETURN SPRING.

Install a new CLAW RETAINING SPRING.

Install a new PULLDOWN CAM.



PROJECTOR makes noise¹ with no film in it.

Tension on the IN-AND-OUT SPRING is not correct. Damage to SHUTTER SHAFT BEARING.

SHUTTER BEARING RETAINING SCREWS are loose.

WORM GEAR is not tight on SHUTTER SHAFT.

Adjustment of speed is not correct.

Damage to MOTOR BEARINGS.

Install a new IN-AND-OUT SPRING.

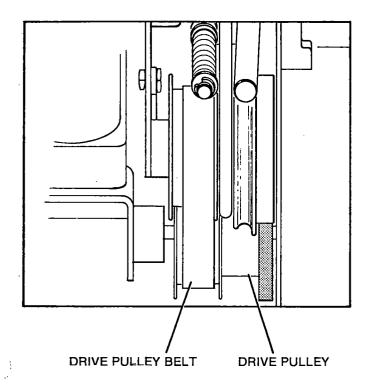
Install a new SHUTTER SHAFT BEARING.

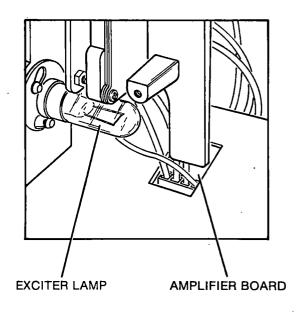
Tighten.

Tighten the SETSCREWS.

See Adjustments, "Speed," figure 22.

Install a new MOTOR.



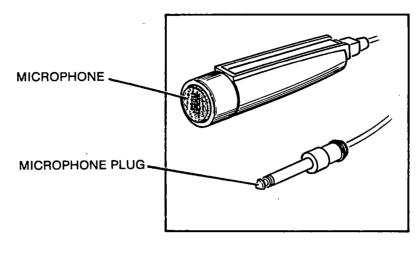


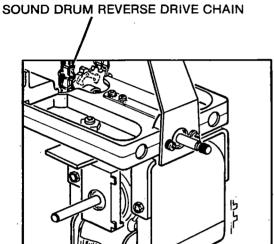
PROJECTOR speed is not correct.

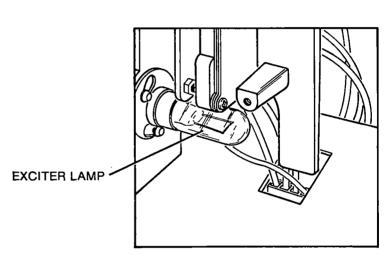
Lubrication is on DRIVE PULLEY and DRIVE PULLEY BELT.	Install a new DRIVE PULLEY and/or DRIVE PULLEY BELT.
---	--

No film sound; EXCITER LAMP has no illumination.

EXCITER LAMP does not operate.	Install a new EXCITER LAMP.
Connection from EXCITER LAMP to AMPLIFIER BOARD is not correct.	Check the connection.
IC1 on AMPLIFIER BOARD does not operate.	Install a new IC1; see figure 54.







Noise¹ in SPEAKER

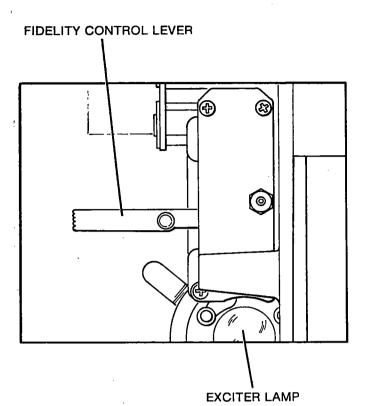
SOUND DRUM REVERSE DRIVE CHAIN is loose or too tight.	Adjust as necessary.
Electrical connections are not correct.	Check connections.

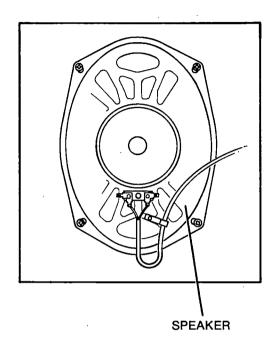
Microphonics¹ without MICROPHONE PLUG in

EXCITER LAMP has damage.	Install a new LAMP.
Position of EXCITER LAMP is not correct.	Check.
Adjustment of SOUND OPTICS ASSEMBLY is not correct.	See Adjustments, "EXCITER LAMP, Focus, and Sound," figures 15—17.

Microphonics with MICROPHONE PLUG in

Damage to MICROPHONE or MICROPHONE PLUG	Install a new MICROPHONE and/or MICROPHONE PLUG.





Low sound or sound distortion

Adjustment of the FIDELITY CONTROL LEVER is not correct.

The position of the EXCITER LAMP is not correct.

SOUND OPTICS ASSEMBLY adjustment is not correct.

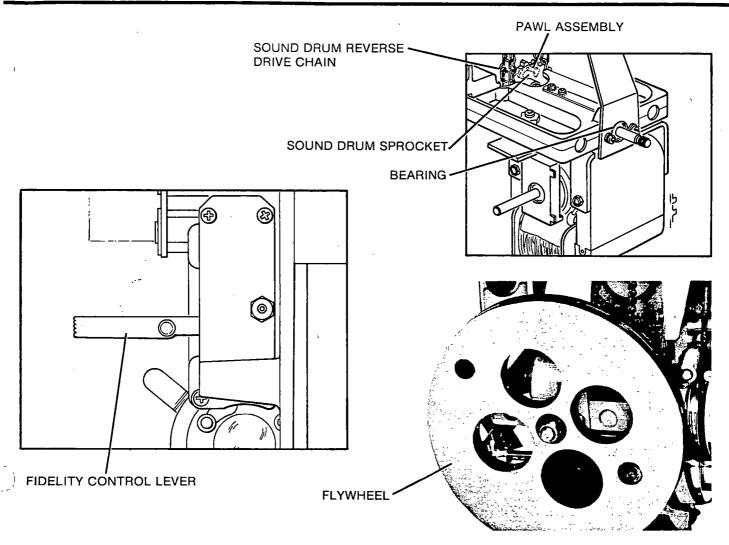
Adjust.

Check the position.

See Adjustments, "EXCITER LAMP, Focus, and Sound," figures 15—17.

SPEAKER makes noise¹ when "VOLUME" is high.

Damage to SPEAKER.	Install a new SPEAKER.



Sound is erratic.

Film is not in the correct position.

Adjustment of the DAMPER ROLLER ARM is not correct.

SOUND DRUM in figure 33 does not rotate freely.

Adjustment of SOUND DRUM REVERSE DRIVE CHAIN is not correct.

PRESSURE ROLLER position or tension is not correct.

Adjustment of FLYWHEEL is not correct.

Adjustment of LOWER SPROCKET is not correct.

DAMPER ROLLER SPRING tension is not correct.

Lubrication of DAMPER ROLLER is not correct.

Check.

See Adjustments, "DAMPER ROLLER ARM," figure 18.

Install a new BEARING if necessary. Check the SOUND DRUM SPROCKET and PAWL ASSEMBLY.

Adjust.

See Adjustments, "PRESSURE ROLLER Force and Position," figures 13 and 14.

Adjust.

See Adjustments, "SPROCKET CLAMPS," figure 12.

See Adjustments, "DAMPER ROLLER ARM," figure 18.

See Lubricants and Adhesives, figure 49.

FIDELITY CONTROL LEVER does not have maximum response.

Adjustment of SOUND OPTICS ASSEMBLY is not correct.

See Adjustments, "EXCITER LAMP, Focus, and Sound," figures 15—17.

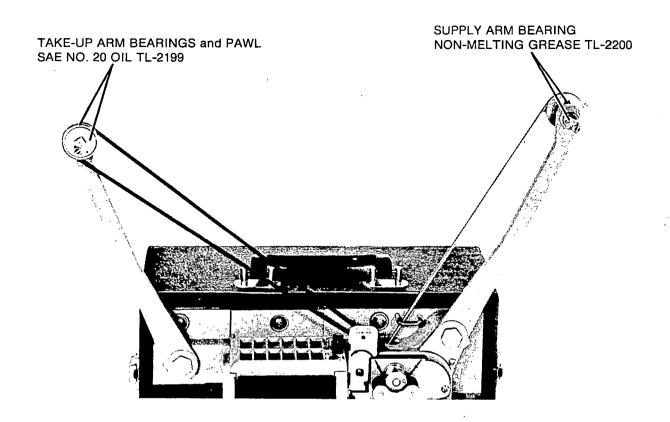
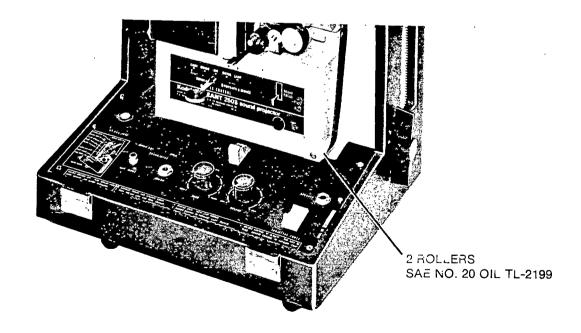
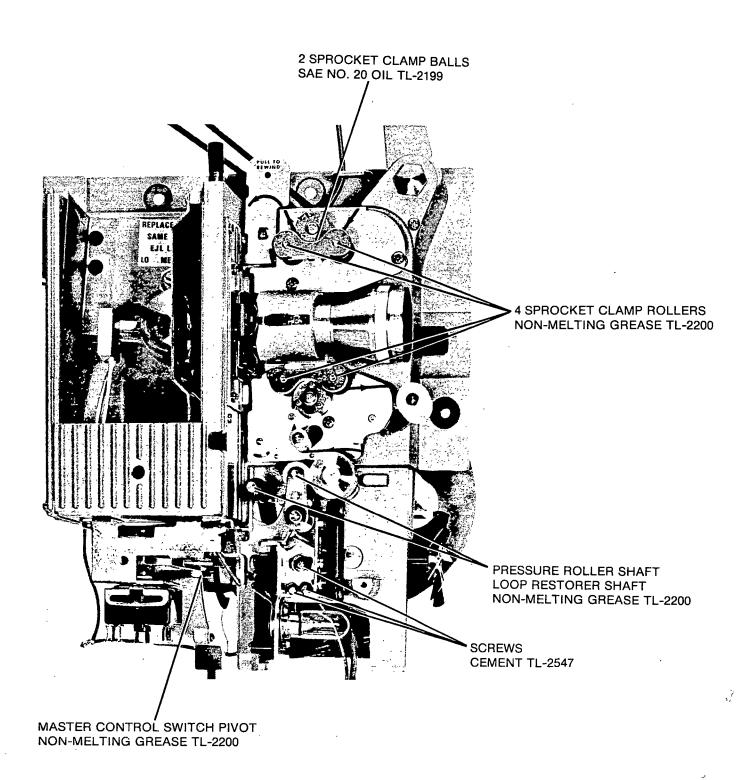
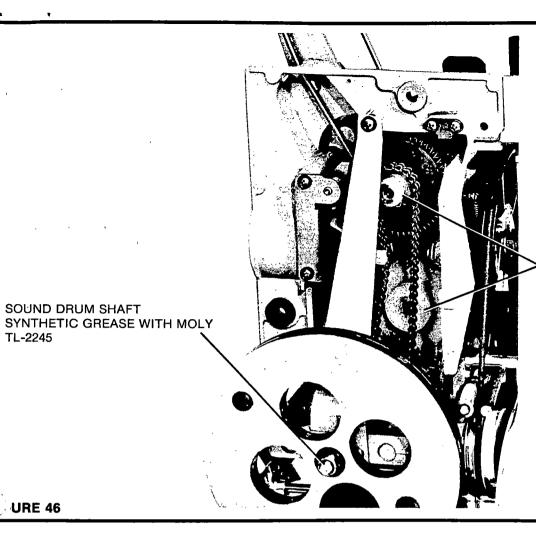


FIGURE 43





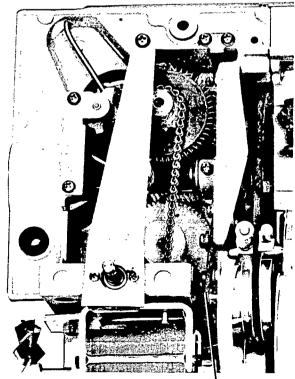


ALL NYLON GEARS NYLON GEAR LUBRICATION TL-2578

URE 46

TL-2245

SOUND DRUM SHAFT



TOGGLE ARM PIVOTS and DETENTS NON-MELTING GREASE TL-2200

3 CLAW PIVOT BALLS NON-MELTING GREASE WITH MOLY TL-2201 CAM FOLLOWER
(R) FLUCTOSILIOCNE-WITH-MOLY-TL-2584
GREASE TL-2245

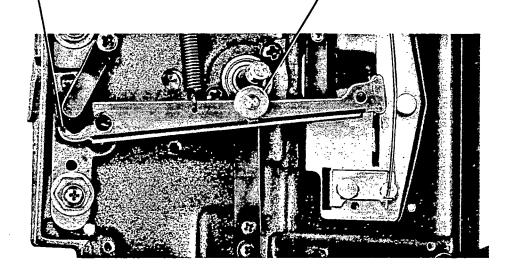
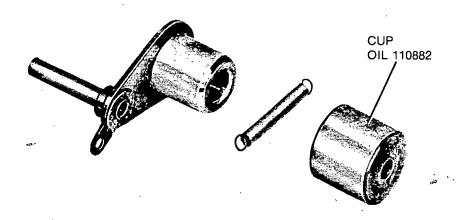


FIGURE 48



Under 2 TRANSISTORS, 1 INTEGRATED CIRCUIT: THERMAL COMPOUND TL-2192

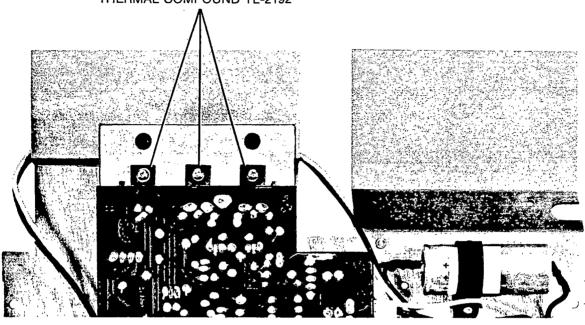
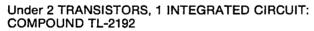


FIGURE 50 Used in Serial No. AO0001 to BO4730.



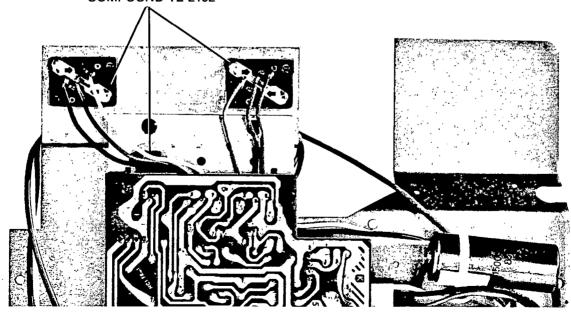
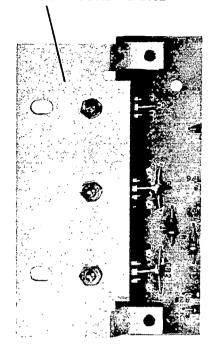


FIGURE 50a Used in Serial No. BO4731 and up.

HEAT-SINK PLATE
THERMAL COMPOUND TL-2192



JURE 51 Used in Serial No. AO 0001 to BO 4730.

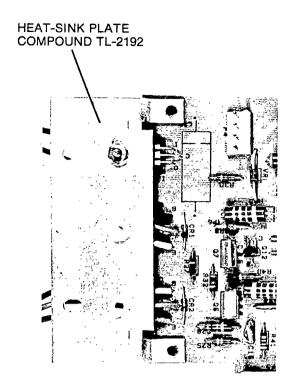
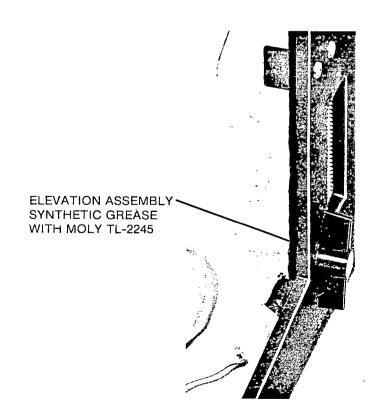
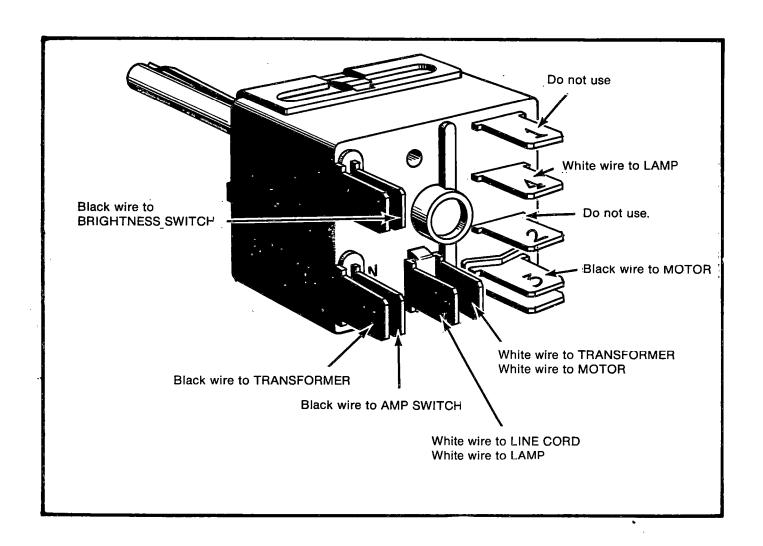
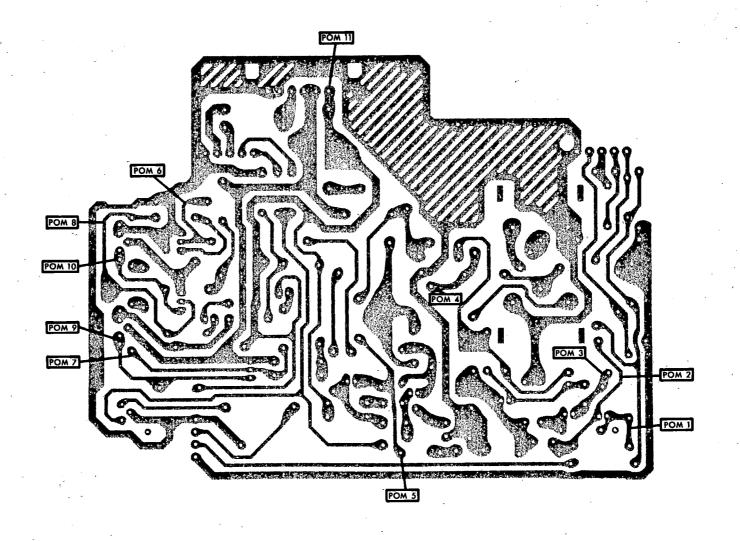


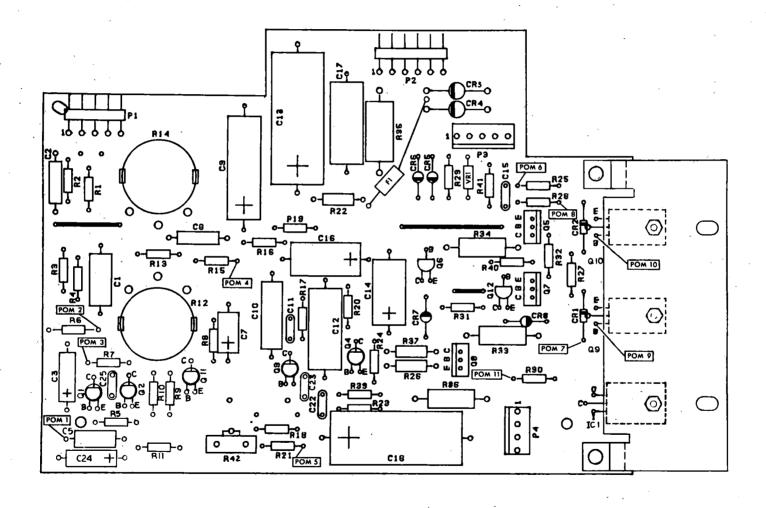
FIGURE 51a Used in Serial No. BO4731 and up.



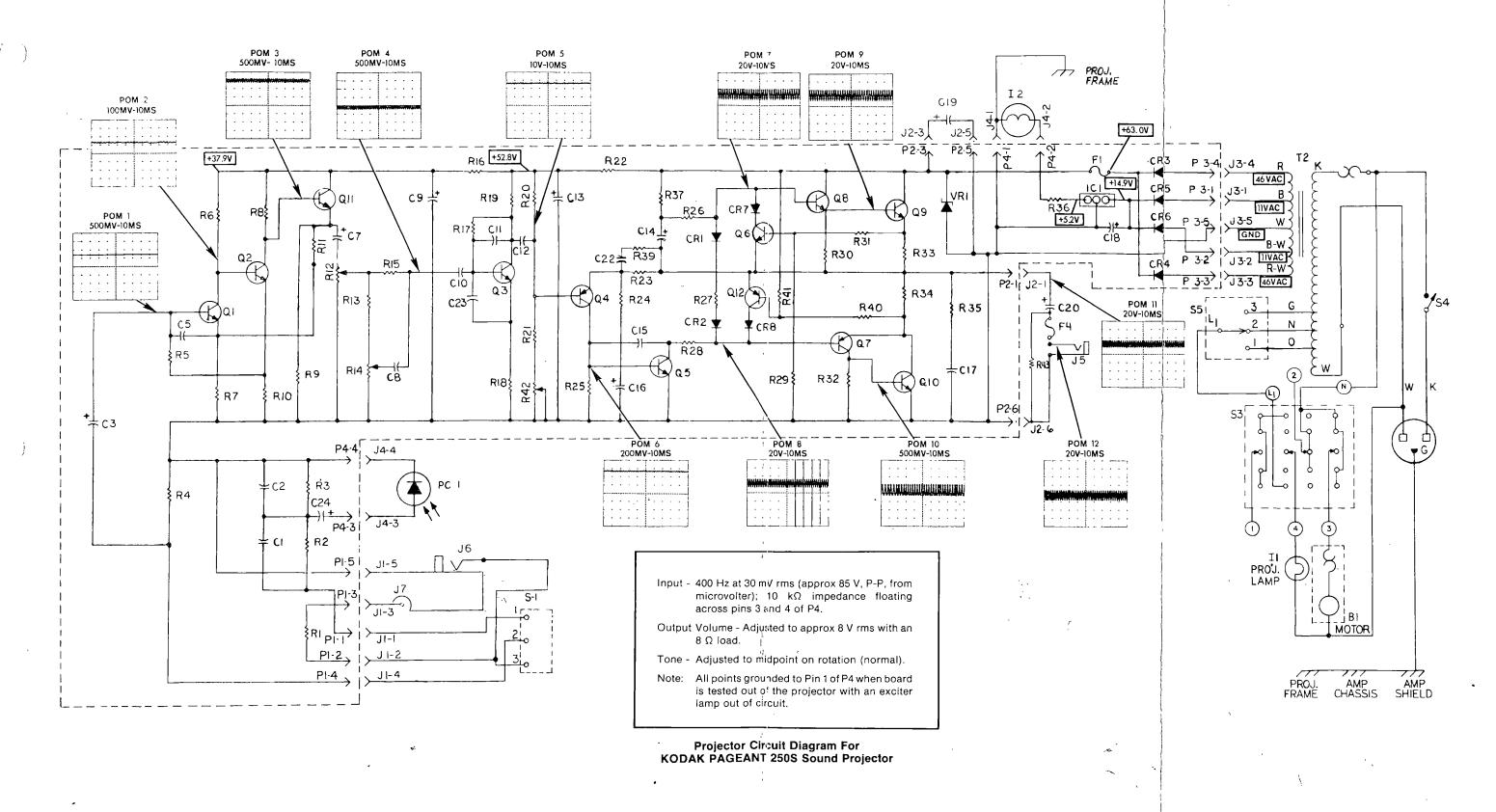


KODAK PAGEANT 250S Sound Projector MASTER CONTROL SWITCH Wiring Diagram





D11

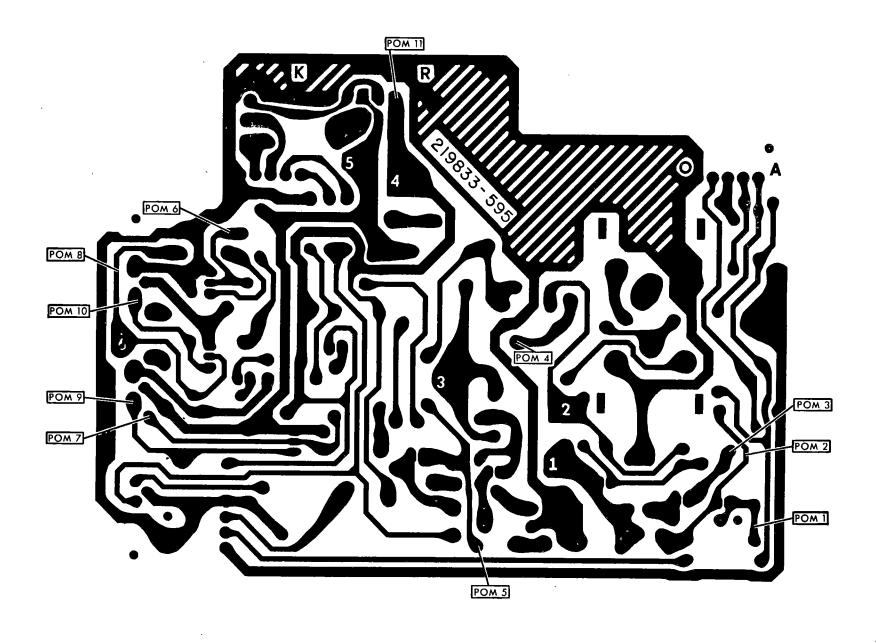


Included in CIRCUIT DIAGRAM PACKAGE 789414.

FIGURE 54 Used in Serial No. AO001 to BO4730.

E

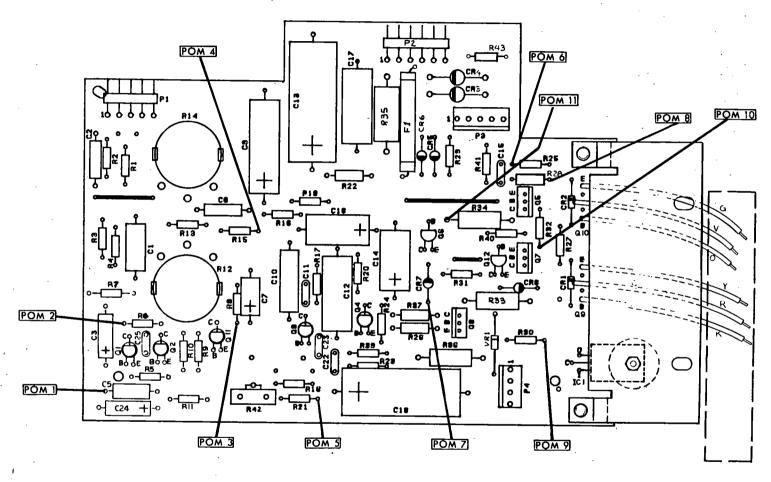
E2



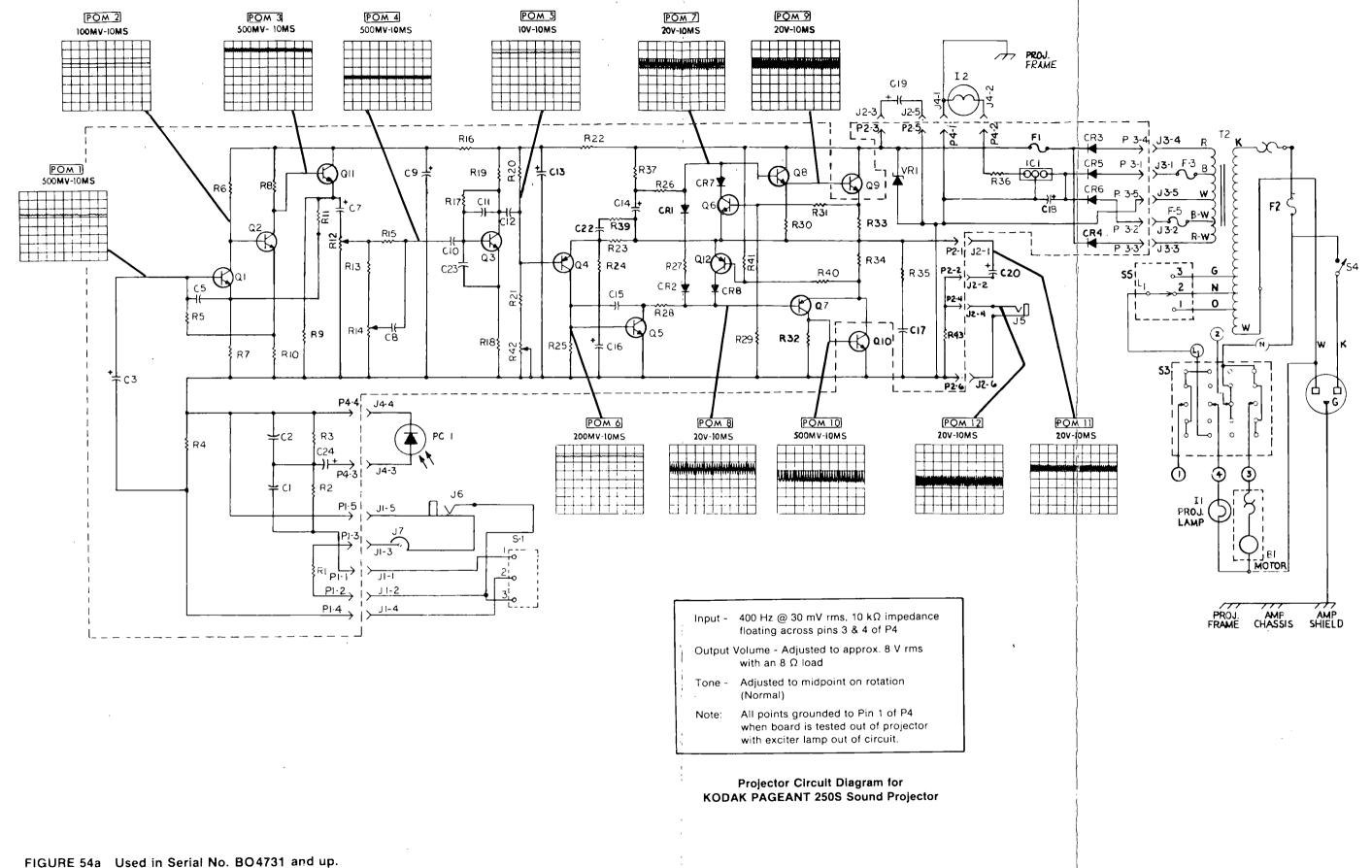
E3

SMP20A

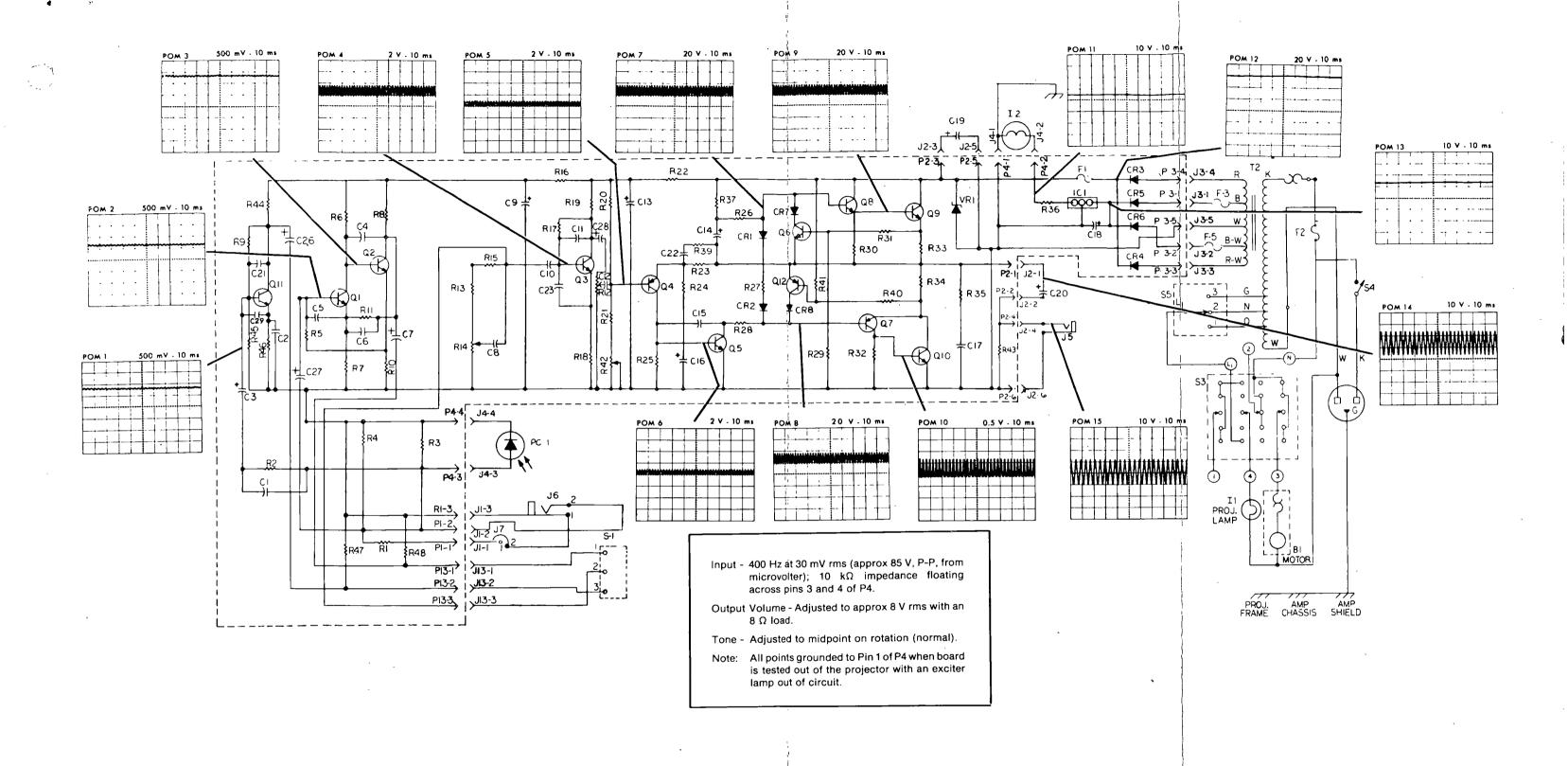
E4



KODAK PAGEANT 250S Sound Projector

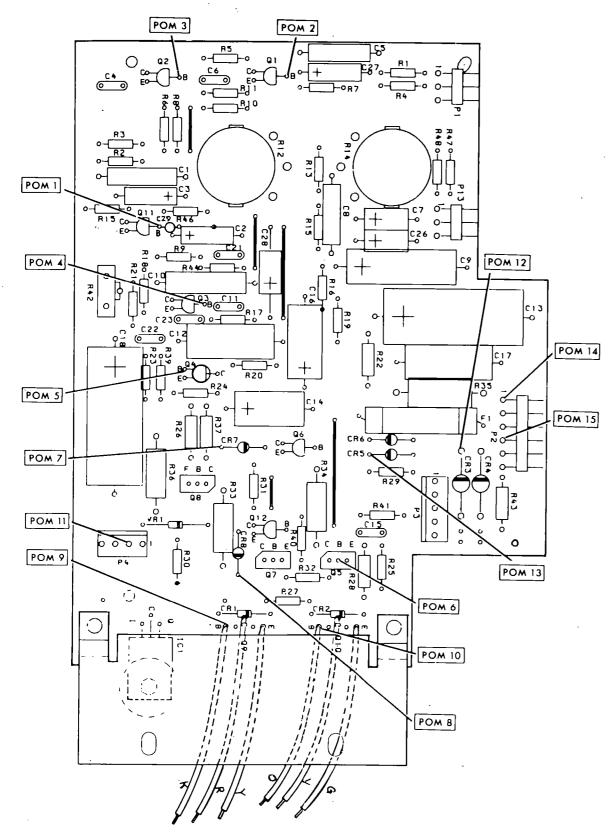


54a

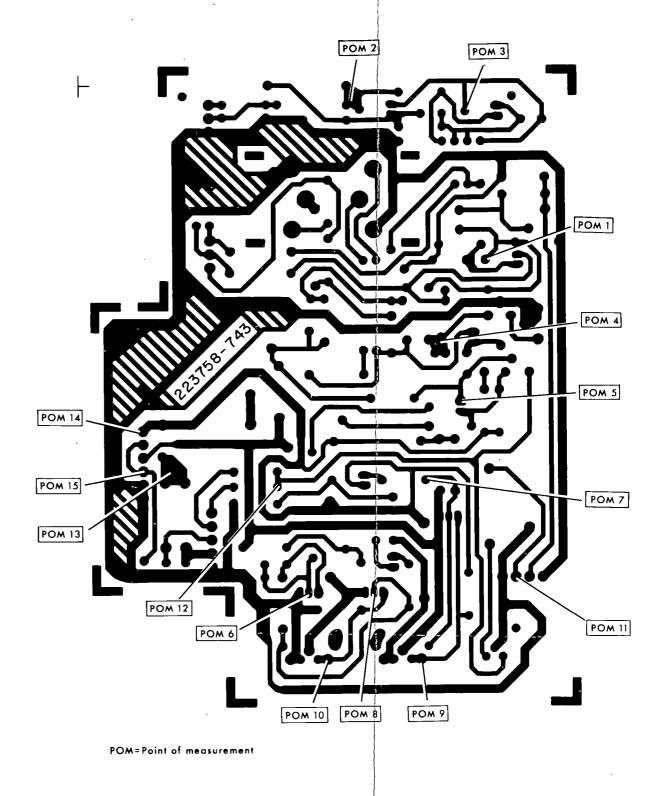


(A) 5/79 FIGURE 54b Projector Circuit Diagram for KODAK PAGEANT 250S Sound Projector. •

Included in CIRCUIT DIAGRAM PACKAGE 789414.
 Use for projectors with serial number followed by A.



POM=Point of measurement



789414 55