

INSTRUCTION BOOK
FOR
DA-LITE/Beseler
PORTA-SCRIBE® G100-LT
OVERHEAD PROJECTOR



DA-LITE SCREEN COMPANY, INC.
P.O. BOX 137, WARSAW, INDIANA 46580 PHONE 219/267-8101 TELEX 23-2649

A Heritage Communications Company

TROUBLE SHOOTING

CONDITION

1. Picture not square.
2. Brown corners on Screen Image in Small Magnification Range.
3. Blue corners on Screen Image in Large Magnification Range.
4. Fan not turning.

CAUSE

- (a) Projector not facing screen squarely.
- (b) Head to arm adjustment not correct.
- (c) Copy not square.
- (d) Elevated image on screen (keystone).
- Lamp too far from Fresnel Condenser.
- Lamp too close to Fresnel Condenser.
- Shaft stuck. Oil in bearings congealed.

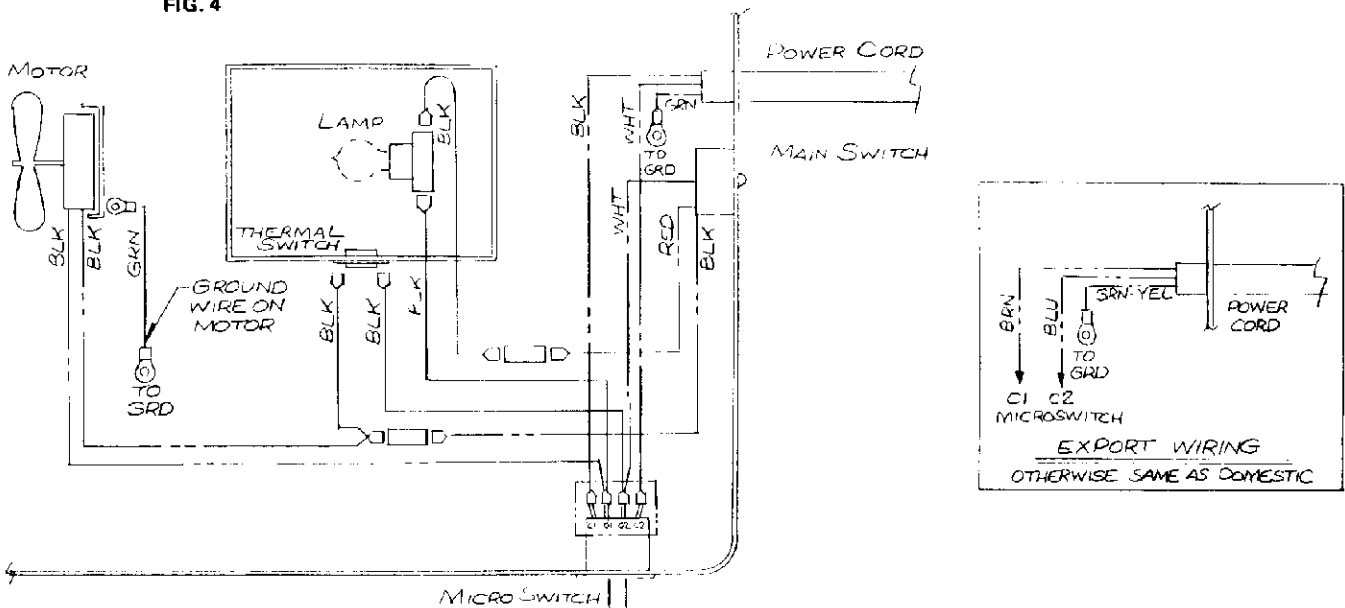
REMEDY

- (a) Move projector to face screen squarely.
- (b) Adjust projector to face screen squarely. Loosen the 2 screws holding the head to the arm and tilt head until screen image is parallel with floor. Tighten screws.
NOTE: Before making this adjustment be sure the projector is level with the floor.
- (c) Correct the copy.
- (d) Slope top of screen toward the projector.
- Raise the lamp assembly by turning the adjustment knob (Fig. 4) clockwise and check the results. Continue as required until brown corners are eliminated.
- Lower the lamp assembly by turning the adjustment knob (Fig. 4) counter-clockwise and check the results. Continue as required until blue corners are eliminated.
- Tap side of motor laminations lightly with handle of screwdriver to free shaft.
- Spin fan blade to loosen shaft in self-aligning bearings.



NOTE: For best overall screen condition at short projection distances, raise lamp as outlined in (2) above.
For best overall screen condition at long projection distances, lower lamp as outlined in (3) above.

FIG. 4



G-100-LT REPLACEMENT PARTS LISTS

REF. NO.	DESCRIPTION	BESELER PART CATALOG NO.	DA-LITE/ BESELER PART CATALOG NO.
1	Lens-14" F W/Mounting Ring	680-37-36	98-1466-040
2	Pivot, Lever Tilt-.313" Hex	562-64-01	90-1384-240
3	Mirror, Front Surface	680-69-18	90-1471-640
4	Screw, Shoulder-Head Pivot	540-30-07	90-1326-540
5	Head Assembly-14" F	10-15730	98-1023-640
6	Arm Assembly	10-21141	98-1046-540
7	Plug, Post-Cap Type .652" ID	570-42-50	90-1397-141
8	Post Assembly	10-17775	98-1032-340
9	Yoke Assembly, Focus	10-21078	98-1045-640
10	Knob, Focus-2.375" OD, 3/4" High		98-1391-040
11	Screw, Mach-No. 6-32 x 1/2" Long Truss Phill.	519-16-32-01	90-1305-040
12	Frame, Fresnel (1 pc)	10-15776	90-1025-640
13	Screw, Thumb-Cover Lock	540-33-17	90-1327-740
14	Clamp, Post	555-44-10	90-1374-140
15**	Motor-115V,60 Hz	615-20-52	90-1445-340
15	Motor-115V with Terminals	10-46937-20	98-1174-420
15A**	Motor-240V, 50/60 Hz	615-22-32	90-1445-440
15A	Motor-240V with Terminals	10-46937-21	98-1174-421
16	Frame, Motor Mounting	10-46925	90-1173-700
17	Plug, Post Locating	10-17768	90-1032-240
18	Screw, Tap	538-23-24-05	90-1323-201
19	Impeller-4 1/2" Dia. 1/8" Bore	620-40-13	90-1446-640
20	Bracket, Post Support	10-17767	90-1032-140
21	Lamphouse Assembly	10-17735	98-1030-940
22	Switch, Thermal-142°F CL, 120F Op	610-22-04	90-1443-940
23	Lamp, Projector-600W DYS 120V	625-32-09	90-1447-140
23A	Lamp, Projector-650W DYS 240V	625-32-14	90-1447-240
24	Reflector Assembly	10-15809	98-1026-640
25	Elevator Assembly	10-48015	98-1187-040
26	Socket, Lamp-2-Pin Base	625-72-01	90-1447-640
27	Bracket Assembly, Lamp	10-17740	98-1031-040
28	Rubber Foot Replacement Kit (4 Bumpers, 4 Screws)	10-17723	98-1030-740
29	Microswitch	610-18-21	90-1443-640
30	Knob	568-20-24	90-1392-140
31	Cord Set Assembly 120V	10-48035	98-1188-900
31A	Cord Set Assembly 240V	10-17959	98-1035-200
32	Bushing, Strain Relief	600-82-29	90-1434-300
33	Switch Assembly, Main Wired	10-17950-11	98-1034-841
34	Grille, Blower	10-17606	90-1030-240
35	Top Cover and Fresnel Frame Assembly	10-17794-20	98-1033-441
36	Fresnel Lens-14" F Units	680-32-09	90-1464-340
37	Housing Assembly-Microswitch	10-15803	98-1026-240
38	Yoke-Microswitch Actuator	10-15808	90-1026-540
39	Spring-Extension	562-70-70	90-1385-400
40	Shaft Assembly, Focus	10-21084	98-1045-940
41	Spring, Friction	10-21088	90-1046-240
42	Screw, TPG OB x 1/2"	538-19-16-06	90-1323-940
43	Cover Glass	680-87-49	90-1474-840
44	Cover Glass Retainer Kit (4 Retainers, 4 Keps Nuts)	10-17724	90-1030-840
45	Slide, Stem-Nylon	570-34-03	90-1395-640
46	Washer, Bow-3/16" ID, 7/16" OD x 1/32"	549-20-07	90-1354-940
47	Visor, Top	10-15813-01	90-1027-841
47A	Visor, Bottom	10-15813-02	90-1027-842
48*	Roller Attachment (Accessory)	Cat. No. 17850	43-9540-200
49*	Spring, Roller Attachment	562-72-27	90-1385-740
50*	Disc Drive	10-03956	90-1002-240
51*	Spool, Take Up	562-17-02	90-1383-240
51A*	Acetate Roll (Accessory)	Cat. No. 7405	43-9500-500
52*	Crank Assembly, Roll	10-03952	98-1002-040

* Roller Attachment Accessory Parts

NOTE: Orders for parts must include SERIAL NUMBER of projector. For any parts not listed, send complete description. Paint color and finish supplied as in current models. Parts not returnable for credit or exchange. Prices subject to change without notice. Shipments F.O.B. Warsaw, IN.

**Check Motor style in older models. Entire mounting bracket may be required if using motor other than 615-20-52 or 615-22-32 (230V). [Ref 10-33903 Motor Mounting Frame]

