

PARTS AND SERVICE MANUAL for GAF TALKING VIEW-MASTER

ORDERING PARTS

Order parts by part number from GAG Corporation, Consumer Photo Division, P.O. Box 490 Portland, Oregon 97207. All parts shipped F.O.B. Portland, Oregon.

SERVICE

When replacing parts note the following: Spring (12) under tone arm (17) must be firmly seated and touching metal washer on tone arm. The other end of spring must be over boss on front assembly (13) and touching flat surface. Install (early models) grip ring (late models) E-ring (11) 1/16 inch from end of shaft. NOTE: Motor assembly can be removed without removing tone arm.

Remove motor assembly (5) by loosening screw (10) and swinging stop (9) away from right hand motor prong. Squeeze prong and swing motor assembly out from intermediate plate.

Note: Some early viewers have a plastic lock which must be replaced with stop (9).

Unsolder motor lead wires. Before removing motor assembly, note the way parts are assembled under it and tone arm. When replacing wires, solder red wire lead to battery contact (negative on motor to negative on battery).

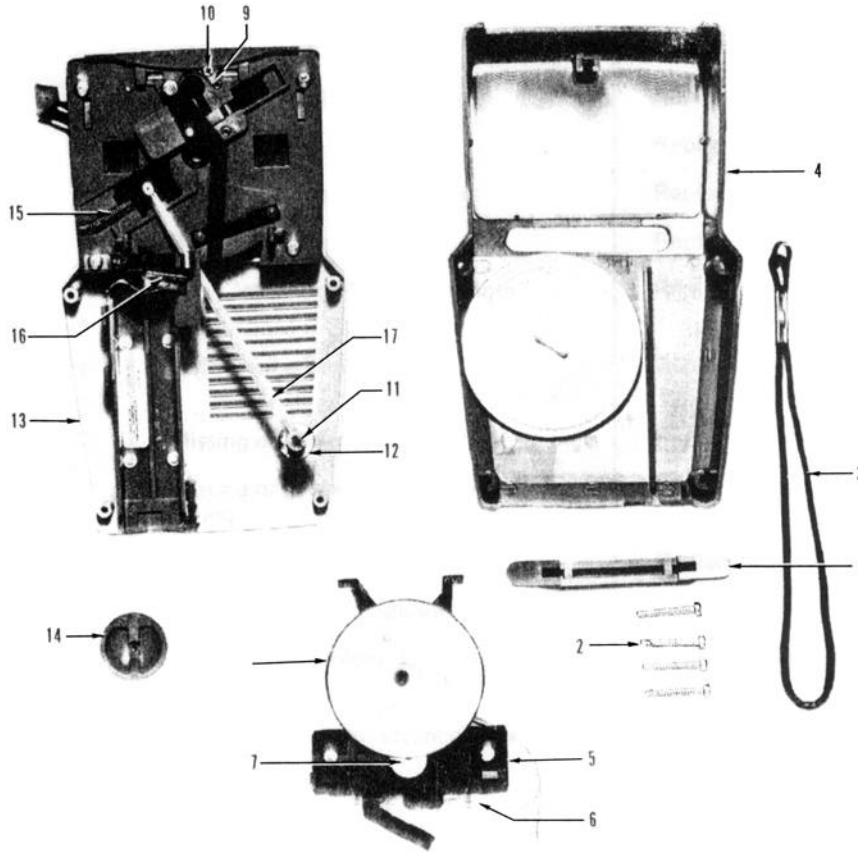
LUBRICATION

Apply light coating of Dow Corning No. 33 Grease (light-silicone) to high ridge of speaker cone.

CAUTION: Keep grease off belt and motor shaft.

SPECIFICATIONS

Use new batteries and special strobe record, Part No. 445-004. Minimum record speed 84 rpm.



Item	1 2 3 4	Part Name	Part No.
1		Sound Bar	445-531
2		Mounting Screws—6-20x1	501-250
3		Lanyard	445-805
4		Speaker Housing Assy.	445-512
5		Motor & Trans	445-519
6		Spring-Motor	445-609
7		Spring-Motor (Red)	445-607
		Spring-Motor (Green)	445-608
		Spring-Motor Shaft	445-606
8		Belt	445-808

Item	1 2 3 4	Part Name	Part No.
9		Stop (Late Models)	445-124
		Lock (Early Models)	445-444
10		Screw—2x32x1/4	501-207
11		Grip Ring (Early Models)	590-053
		E-Ring (Late Models)	590-001
12		Spring-Tone Arm	445-601
13		Front Assy (all other parts)	445-511
14		Battery Hatch Cover	445-516
15		Spring-Tone Arm Return	445-603
16		Spring-Advance Lever	445-617
17		Tone Arm Assy.	445-510

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TROUBLE SHOOTING CHART

TROUBLE	CAUSE	REMEDY	
Record drive does not rotate	No batteries	Install batteries	
	Faulty switch or battery contact	Clean or re-form	
	Motor wires broken	Replace or solder	
	Faulty motor	Replace item 5	
	Drive mechanism bound	Free or replace item 5	
	Grease or oil on belt or motor shaft	Clean or replace	
	spring		
Record drives but no sound	Belts off or broken	Replace	
	Tone arm broken	Replace item 17	
	Needle broken or missing	Replace item 17	
	Tone arm not in guide socket	Put back in socket	
Lever sticks	Damaged speaker cone	Replace item 4	
	Bent lever	Replace item 13	
	Broken or missing lever plate	Replace item 13	
Lever operates, but picture does not advance	Broken or missing return spring	Replace	
	Bent "reel finger" on lever plate	Replace item 13	
	Lever operates but tone arm does not advance to next record track	Deformed advance lever	Replace item 13
		Missing or broken advance lever spring	Replace item 16
	Missing or broken tone arm return spring	Replace item 15	
	Tone arm missing or broken	Replace item 17	
Tone arm does not return to track No. 1 when reset button is pressed	Tone arm not in guide socket	Put back in socket	
	Missing or broken tone arm return spring	Replace item 15	
	Missing or broken advance lever spring	Replace item 16	
Record speed too slow	Dead or run down batteries	Replace batteries	
	Drive mechanism dragging	Free, or replace item 5	
	Grease or oil on belt or motor shaft	Clean or replace	
Sound Garbled	spring		
	System running too slow	See above	
	Faulty needle	Replace item 17	
	Faulty tone arm	Replace item 17	
Record squeaks	Faulty speaker cone	Replace item 4	
	On viewers with tan intermediate plate put 2 drops light oil on back (ungrooved) side of record, insert and rotate. On all other viewers replace item 13. Check, and replace needle if necessary.		

**Note: To increase speed, replace spring (7) with red spring.
To decrease speed, replace spring (7) with green spring.**