

SERIES "500" METAMETER TRANSMITTER

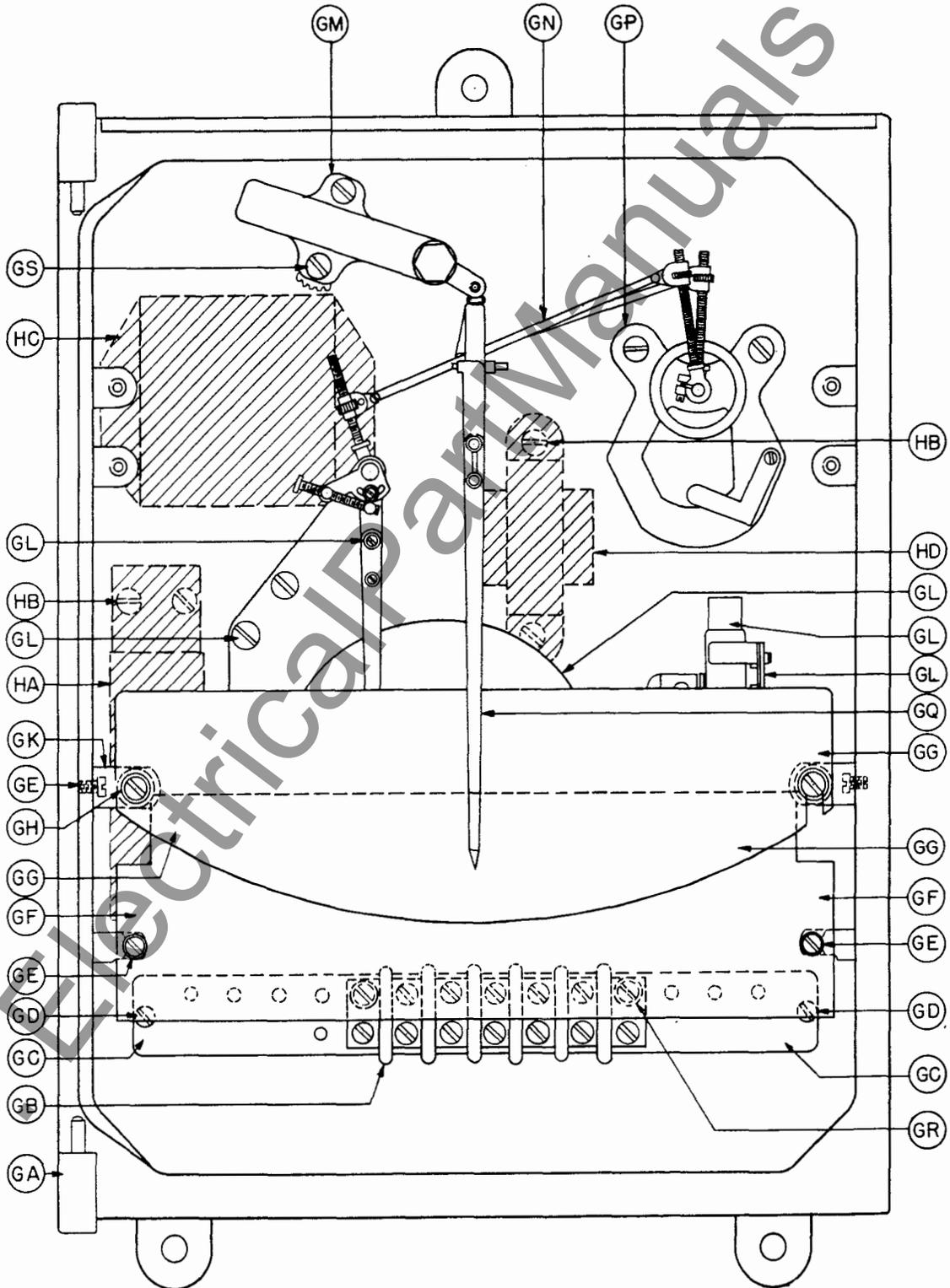


FIGURE I. METAMETER TRANSMITTER-EXTRA PARTS FOR METAPHONE SHOWN SHADED

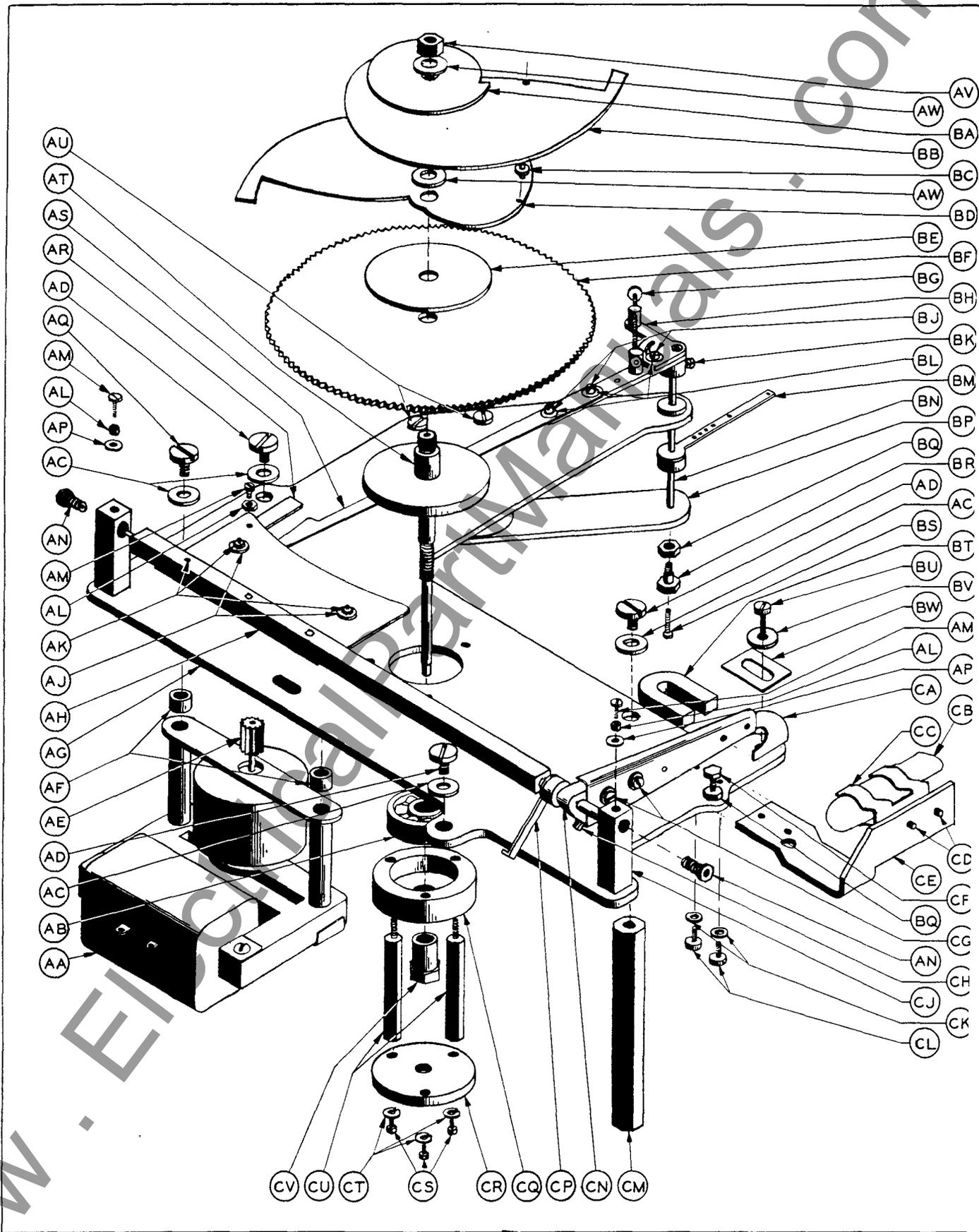


FIGURE 2. TRANSMITTER MOVEMENT

BE SURE TO STATE MODEL AND SERIAL NUMBERS OF INSTRUMENT WHEN ORDERING PARTS

ITEM	DESCRIPTION	PART NO.
AA	Telechron motor (illustrated) for 5- or 15-second movement	
	120-volt 60-cycle	45853
	120-volt 50-cycle	60627
	120-volt 25-cycle	82422
	Holtzer-Cabot motor (not as illustrated) for 2-second movement	
	120-volt 60-cycle	53680
	120-volt 50-cycle	54603
	120-volt 25-cycle	54080
Not Shown	Mounting plate for Holtzer-Cabot motor	87903
AB	Ball bearing	41514
AC	Washer	35638
AD	10-32 x 7/16" Special-head screw	79594
AE	Motor pinion	
	12T-48P for 15-second movement	49720
	32T-48P for 5-second movement	75534
	64T-48P for 2-second movement	62371
AF	Spacer	41439
AG	Base plate including posts and screws (Item CJ)	
	For ammeters, voltmeters and wattmeters	86634
	For all other instruments	86601
AH	Lifter plate complete (includes also square shaft and Items AJ, AK, AR)	
	For ammeters, voltmeters and wattmeters (includes also AL, AM)	86636
	For all other instruments	86618
AJ	Washer	48652
AK	1-72 x 3/16" Fillister-head screw	89286
	1-72 Hex nut	42344
AL	2-64 Hex nut	31878
AM	2-64 x 3/16" Fillister-head screw	37603
AN	Pivot screw	86605
AP	Washer	68791
AQ	10-32 x 1/2" Special-head screw	79593
AR	Auxiliary lifter	86599
AS	Cam follower arm	85787
AT	Cam shaft complete	61714
AU	6-40 Shoulder screw	29739
AV	1/4" - 28 Hex nut	41888
AW	Washer	63365
BA	Zero-stabilizer disk for flowmeters only	92933
BB	Cam - See separate parts list.	
BC	Stud	63370
BD	Balance cam - See separate parts list.	
BE	Washer	75896
BF	Gear	
	180T-48P for 15-second movement	61696
	160T-48P for 5-second movement	89739
	128T-48P for 2-second movement	78740
BG	Adjusting screw	90690
BH	Micrometer adjusting arm complete including Items BG, BJ, BK, BL	69023
BJ	2-64 x 1/8" Fillister-head screw	33522
BK	4-48 x 1/8" Flat-point setscrew	94041
BL	Washer	42762
BM	Lever arm	52678
	6-40 x 1/8" Bristo flat-point setscrew	82403
Not Shown	Old-style adjustable lever arm complete	83710
BN	Shaft	86613
BP	Bearing plate and mounting complete	86611
BQ	6-40 Hex nut	13775
BR	6-40 Pivot screw	73719
BS	1-72 x 1/4" Fillister-head screw	73718
BT	Magnet	71056
BU	6-40 x 7/16" Fillister-head screw	58073
BV	Washer	29427
BW	Strap	71327
CA	Vane arm complete including Items CG, CH and CN	86623
CB	Mercury switch	70200
CC	Switch clip	61704
CD	4-48 x 1/8" Fillister-head screw	10626
Not Shown	Lockwasher	74041
CE	Switch bracket	86617
CF	6-40 Hex-head screw	54710

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ITEM	DESCRIPTION	PART NO.
CG	2-64 x 5/32" Fillister-head screw	42314
	Washer	68791
CH	2-64 Special hex-head screw	67694
CJ	Post	86604
Not Shown	6-40 Shoulder screw	76332
Not Shown	6-40 Flat-head screw for 25-cycle instrument only	21407
CK	Washer	33982
CL	6-40 x 1/4" Fillister-head screw	39770
CM	Post	86608
CN	Split hub	71009
CP	Stop arm complete	91709
	6-40 x 1/8" Bristo flat-point setscrew	82403
CQ	Bearing housing	61691
CR	Bearing plate	86610
CS	4-48 x 1/4" Fillister-head screw	61247
CT	Lockwasher	74041
CU	Post	86609
CV	Bearing lock nut	61695
GA	Case complete - See separate parts list.	
GB	Terminal block	87237
GC	Terminal strap	76253
GD	10-32 x 3/8" Fillister-head screw	66539
GE	6-40 x 1/4" Fillister-head screw	39770
	Washer for screw 39770	6965
GF	Dial plate	86724
GG	Scale - Order by model and serial numbers of instrument.	
GH	10-32 x 1/4" Special-head screw	39425
	Washer for screw 39425	10075
GK	Bracket	86751
GL	Transmitter movement complete including items AA to CV For gauges, thermometers, liquid-level and mechanical-motion meters, Dyna- masters, flowmeters with law-of-squares charts at the receivers	
	15-second, 120-volt, 60-cycle	86600
	15-second, 120-volt, 50-cycle	86626
	15-second, 120-volt, 25-cycle	86627
	5-second, 120-volt, 60-cycle	86628
	5-second, 120-volt, 50-cycle	86629
	5-second, 120-volt, 25-cycle	86630
	2-second, 120-volt, 60-cycle*	87904
	2-second, 120-volt, 50-cycle*	87905
	2-second, 120-volt, 25-cycle*	87906
	*Not available for differential liquid-level meters.	
	For flowmeters with integrators and/or linear charts at the receivers	
	15-second, 120-volt, 60-cycle	92950
	15-second, 120-volt, 50-cycle	92961
	15-second, 120-volt, 25-cycle	92960
	5-second, 120-volt, 60-cycle	92959
	5-second, 120-volt, 50-cycle	92958
	5-second, 120-volt, 25-cycle	92957
	For ammeters, voltmeters and wattmeters	
	15-second, 120-volt, 60-cycle	86637
	15-second, 120-volt, 50-cycle	86638
	15-second, 120-volt, 25-cycle	86639
	5-second, 120-volt, 60-cycle	86640
	5-second, 120-volt, 50-cycle	86641
	5-second, 120-volt, 25-cycle	86642
	2-second, 120-volt, 60-cycle**	87937
	2-second, 120-volt, 50-cycle**	87938
	2-second, 120-volt, 25-cycle**	87939
	**Not available for wattmeters	
GM	Pointer mounting	84703
GN	Linkage } Order by model and serial	
GP	Measuring element } numbers and range of instrument.	
GQ	Pointer	86616
GR	10-32 Self-tapping screw	87936
	Spacer for screw 87936	72166
GS	10-32 x 1/2" Fillister-head screw	66541
	<u>Parts for Metaphone only</u>	
HA	Relay (6-volt ac SPDT) - Order by model and serial numbers of instrument.	
HB	10-32 x 3/8" Fillister-head screw	66539
HC	Timer - Order by model and serial numbers of instrument.	
HD	Transformer 115 volt : 6.3 volt - Order by model and serial numbers of instrument.	