

GENUINE ELGIN MATERIAL

Grade 532, 539*, 8/0 size, 2nd Model. 16 Jewels, Sweep-second

Genuine Elgin parts are identical with those used in the original construction of Elgin watches. Each fits perfectly. You waste no costly time in making the material fit the watch. With genuine Elgin parts watches can be made as mechanically perfect as when they left the Elgin factory. You receive genuine Elgin parts in factory-sealed boxes or envelopes identified with the type, size, and number of parts. Authorized Elgin distributors are located in all sections of the country—your orders will be filled promptly. Use only genuine Elgin material for replacing these parts.

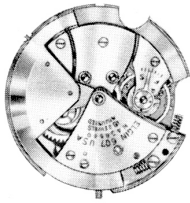
FOR PRICES SEE JEWELER AND WATCHMAKER MATERIAL PRICE LIST

NAME OF PART	Order by Cat. No.		NAME OF PART	Order by Cat. No.
	16 JEWEL			16 JEWEL
Arbor, Barrel	5236	*Grade 539 has "hack" feature. This permits stopping sweep-second hand by lifting crown. This model has the following additional parts: Arbor, Pallet (5521); Arbor, Winding (5976); Lever, Balance Stop (6199); Spring, Balance, Stop Lever (6294).	Screws, Balance	5577
Arbor, Pallet	5237		Screws, Timing	5578
Arbor, Winding	5238		Screws, Barrel Bridge, Train Bridge, Balance Cock	5183
Balance, Beryl-X or Solid	5686		Screws, Pallet Bridge	5184
Balance Complete, Beryl-X	5683		Screws, Sweep Second Bridge	5576
Barrel	5241		Screws, Case	5186
Bushing, Upper Center	5568		Screws, Minute Wheel Clamp	5185
Bushing, Lower Center	5567		Screws, Click	5190
Clamp, Minute Wheel	5754		Screws, Dial Foot	5187
Click	5243		Screws, Cock Dome	5334
Clutch, Winding and Setting	5244		Screws, Lower Balance Jewel	5430
Collet, Hairspring	2744		Screws, Setting Lever	4924
Dome, Cock	5488-C2		Screws, Main	5191
Jewels, Balance Hole, Upper and Lower	5250		Screw, Sweep Second Spring	4410
Jewels, Balance Endstone, Upper	5251		Screw, Hairspring Stud	5194
Jewels, Balance Endstone, Lower	5252		Screw, Ratchet Wheel	5189
Jewels, Escape Upper	5253		Screw, Sweep Second Adjusting Spring	5467
Jewels, Escape Lower	5254		Spring, Click	5273
Jewels, Upper Fourth and Upper Third	5455		Spring, Clutch Lever	5274
Jewels, Lower Fourth and Lower Third	5256		Spring, Hair, Str. 2, Elginite	5934
Jewels, Jewel Pin	5246-D		Spring, Main Str. DuraPower	6002 D/P
Jewels, Pallet Upper	5257		Spring, Sweep Second	5495
Jewels, Pallet Lower	5258		Staff, Balance	5664
Jewels, Pallet Stones, "R" and "L"	5247-R		Stud, Hairspring	5276
Jewels, Sweep Second Pinion Cock	5675		Washer, Main Screw	5277
Lever, Clutch	5259		Wheel, Center	5278
Lever, Setting	5260		Wheel, Center Complete	5497
Pallet and Fork	5261		Wheel, Escape	5280
Pallet, Fork and Arbor	5262		Wheel, Escape and Pinion	5281
Pin, Banking	5263		Wheel, Fourth	5282
Pinion, Bevel	5264		Wheel, Fourth and Pinion	5498
Pinion, Cannon	5489		Wheel, Hour	5580
Pinion, Center	5490	Wheel, Main	5285-C3	
Pinion, Escape	5267	Wheel, Minute	5286	
Pinion, Fourth	5491	Wheel, Ratchet	5287-C9	
Pinion, Third	5492	Wheel, Setting	5288	
Pinion, Sweep Second	5493	Wheel, Sweep Second	5496	
Regulator	5494	Wheel, Third	5289	
Roller, 1-Piece, Double, with Jewel Pin	5271	Wheel, Third and Pinion	5499	



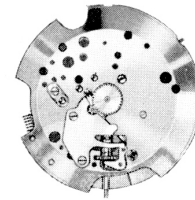
ELGIN AUTOMATIC MOVEMENT

GRADE 607



Train side of movement

The material illustrated below is actual size for Grade 607. These illustrations cover the most important parts for replacement purposes. A complete listing of all materials for this grade is shown on the opposite page. You will please note that each part has its factory number, and we suggest that you use the name of the part in addition to the factory number when you are ordering any of these items from your Elgin Genuine Material Distributor.



Dial side of movement

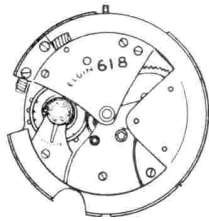
 6393 Arbor, Barrel	 6397 Arbor, Winding	 6399 Barrel	 6256 Balance, Beryl-X	 6398 Balance, Complete	 5999 Clamp, Endstone Lower Balance
 6400 Clamp, Minute Wheel	 6401 Click	 6402 Clutch, Winding and Setting	 6265 Dome, Cock	 6407 Lever, Clutch	 6408 Lever, Setting
 6409 Pallet, Fork and Arbor	 6410 Pawl, Holding	 6411 Pawl, Winding	 6413 Pinion, Bevel	 6414 Pinion, Cannon	 6420 Plate, Buffer Spring
 6421 Ratchet, Winding and Pinion	 5548 Regulator	 6214 Roller, Double, with Jewel Pin	 6424 Sector, Impulse and Arbor	 6427 Sector, Winding	 6428 Spring, Buffer
 6429 Spring, Click	 5274 Spring, Clutch Lever	 6228 Spring, Hair Elginite	 6430 Spring, Holding Pawl	 6431 Spring, Winding Pawl	 6329 Spring, Main DuraPower

Materials for all grades of this movement listed on back of this sheet.





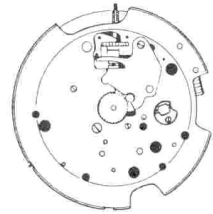
ELGIN AUTOMATIC MOVEMENT



Train side of movement






























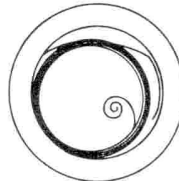








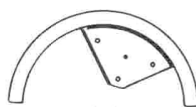







Grade 618

The material illustrated below is actual size for Grade 618. These illustrations cover the most important parts for replacement purposes. A complete listing of all materials for this grade is shown on the opposite page. You will please note that each part has its factory number, and we suggest that you use the name of the part in addition to the factory number when you are ordering any of these items.



Dial side of movement

ENJASCO MASTER SYSTEM		No.
Balance Staff		27 D
Jewel, balance upper		17 D
Jewel, balance lower		17 D
Mainspring,		E 130 A

 6393 Arbor Barrel	 6397 Arbor, Winding	 6399 Barrel	 6256 Balance, Beryl-X	 6557 Balance, Complete	 6561 Jewel and Endstone Assy. Balance Lower
 6400 Clamp, Minute Wheel	 6401 Click	 6402 Clutch, Winding and Setting	 6560 Jewel and Endstone Assy. Balance Upper	 6407 Lever, Clutch	 6408 Lever, Setting
 6409 Pallet, Fork and Arbor	 6410 Pawl, Holding	 6411 Pawl, Winding	 6413 Pinion, Bevel	 6414 Pinion, Cannon	 6420 Plate, Buffer Spring
 6421 Ratchet, Winding and Pinion	 5548 Regulator	 6214 Roller, Double with Jewel Pin	 6424 Sector, Impulse and Arbor	 6427 Sector, Winding	 6428 Spring, Buffer
 6429 Spring, Click	 6562 Spring, Clutch Lever	 6228 Spring, Hair Elginite	 6430 Spring, Holding Pawl	 6431 Spring, Winding Pawl	 6329 Spring, Main DuraPower
 6563 Spring	 6446 Wheel, Ratchet	 6447 Wheel, Setting	 6449 Wheel, Third, and Pinion		
 6564 Staff, Balance	 6433 Washer, Click	 6435 Washer, Winding Sector	 6434 Washer, Main Wheel	 6436 Weight, Impulse Sector	 6438 Wheel, Center Complete
 6439 Wheel, Escape and Pinion	 6441 Wheel, Fourth and Pinion	 6442 Wheel, Hour	 6443 Wheel, Intersecting	 6444 Wheel, Main	 6445 Wheel, Minute



ELGIN AUTOMATIC

Grade 618, 18 Jewel, Automatic Shockmaster

NAME OF PART	18 JEWEL Grade 618	NAME OF PART	18 JEWEL Grade 618
Arbor, Barrel	6393	Screw, Cock, Balance	6360
Arbor, Pallet	6395	Screw, Cock, Center	6051
Arbor, Winding	6397	Screw, Cock, Winding	6360
Balance, Beryl-X	6256	Screw, Cock, Winding, Lower	6317
Balance, Complete	6557	Screw, Dial Foot	6079
Barrel	6399	Screw, Lever Setting	6358
Bushing, Winding Sector, Upper	5965	Screw, Main	6357
Bushing, Winding Sector, Lower	5965	Screw, Pawl, Winding	6089
Clamp, Endstone,	6561	Screw, Spring, Buffer	5186
Clamp, Minute Wheel	6400	Screw, Spring, Pawl	6090
Click	6401	Screw, Stud, Hair Spring	4986
Clutch	6402	Screw, Washer, Winding Sector	5473
Collet, Hair Spring	5095	Screw, Weight, Impulse Sector	6359
Dome, Cock,	6560	Screw, Wheel, Ratchet	5329
Jewel, Endstone, Balance Upper and lower	6558	Sector, Impulse Complete	6423
Jewel, Hole, Balance Upper and Lower	6559	Sector, Impulse, With Arbor	6424
Jewel, Hole, Center Upper for 4th in Train Bridge	6403	Sector, Winding Complete	6426
Jewel, Hole, Center Lower also Center Cock Lower	6404	Sector, Winding	6427
Jewel, Hole, Cock, Winding Upper and Lower	6405	Spring, Buffer	6428
Jewel, Hole, Escape Upper	6406	Spring, Click	6429
Jewel, Hole, Escape Lower, Pallet Upper and Lower	6235	Spring, Hair, Elginite	6228
Jewel, Hole, Third Upper and Lower	6403	Spring Holding	6563
Jewel, Pallet Stone "R"	6238	Spring, Lever, Clutch	6562
Jewel, Pallet Stone "L"	6239	Spring, Main, DuraPower	6329
Jewel, Roller, or Jewel Pin	6207	Spring, Pawl, Holding	6430
Lever, Clutch	6407	Spring, Pawl, Winding	6431
Lever, Setting	6408	Staff, Balance	6564
Pallet Fork and Arbor, With Stones	6409	Stud, Hair Spring	5552
Pawl, Holding	6410	Washer, Click	6433
Pawl, Winding	6411	Washer, Main Wheel	6434
Pin, Banking	6412	Washer, Winding Sector	6435
Pinion, Bevel	6413	Weight, Sector Impulse	6436
Pinion, Cannon	6414	Wheel, Center	6437
Pinion, Center	6415	Wheel, Center Complete	6438
Pinion, Escape	6416	Wheel, Escape	6248
Pinion, Fourth	6417	Wheel, Escape and Pinion	6439
Pinion, Third	6418	Wheel, Fourth	6440
Plate, Buffer Spring	6420	Wheel, Fourth and Pinion	6441
Ratchet, Winding and Pinion	6421	Wheel, Hour	6442
Regulator, (Order "Long" Pins)	5548	Wheel, Inter Setting	6443
Roller and Pin	6379	Wheel, Main	6444
Screw, Balance	6088	Wheel, Minute	6445
Screw, Balance Timing	6285	Wheel, Ratchet	6446
Screw, Bridge, Barrel, Train	6360	Wheel, Setting	6447
Screw, Bridge, Pallet	6081	Wheel, Third	6448
Screw, Case	6225	Wheel, Third and Pinion	6449
Screw, Clamp, Minute Wheel	6083		



ELGIN AUTOMATIC

INSTRUCTIONS FOR ASSEMBLY AND DISASSEMBLY

The winding unit is readily removed from the movement by means of two holding screws. The winding unit proper consists of one winding sector assembly and pawl, thus eliminating intermediate wheels and pinions which were delicate and difficult to service by the watchmaker.

The rotor has sturdy pivots that function in heavy jewels, eliminating much danger from damage through rough usage or droppings of the watch. This feature also reduces excessive side shake of the rotor, which might permit the rotor to strike the case or plates.

The winding pinion, which carries the winding sector assembly, is extra-sturdy, connecting directly into the main wheel. This is another feature incorporated into the winding unit whereby there is no danger of stripping the gears should the mainspring become fully wound and not slip. The slip-end spring is constructed so the watch will become fully wound during the daily routine of the wearer, when it may be taken off, having sufficient power to continue running for approximately 24 hours. The movement being equipped with the DuraPower Mainspring, constant power is delivered through the train and escapement to provide constant time-keeping qualities, without any possibility of spring breakage or loss of power.

When servicing the watch, assure yourself that the main wheel and main wheel washer are thoroughly cleaned and oiled so they are free to rotate without binding. Also check the ratchet wheel so it does not bind on the barrel bridge.

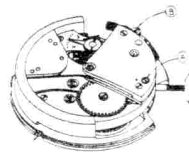
We recommend, when cleaning the Elgin Automatic Wind, that the mainspring be removed and thoroughly cleaned, and before inserting the mainspring in the barrel, oil the spring, using a tissue paper saturated with Elgin M56B watch oil, wiping the spring to its full length. Under no circumstances should you pull the spring out straight while performing this operation; always clean and oil the spring by following its natural curve. Always use a well constructed mainspring winder when replacing the mainspring in the barrel.

When cleaning and oiling the watch, the pivots that carry the rotor and the winding pinion pivots should be greased

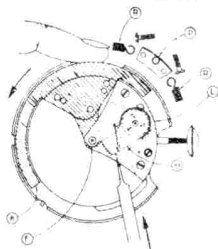
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To facilitate dismantling and reassembling the Elgin Automatic Watch, the following illustrations and instructions should be followed:

1. Movement is to be removed from case as follows: (See Figure 1)
 - a. Loosen Setting Lever Screw "A" a few turns.
 - b. Remove Winding Arbor and Crown.
 - c. Remove Case Screw "B".
 - d. Rock movement out of case raising portion near Case Screw "B" first.



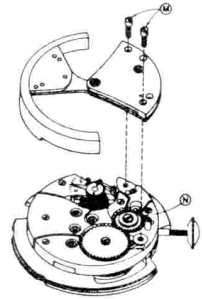
Top Side
FIGURE 1



Top Side
FIGURE 6

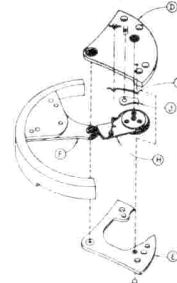
2. After watch movement has been removed from case, the Buffer Springs "R" and Buffer Spring Block "P" should be removed. (See Figure 6)
3. The Winding Cock Plate Assembly can be removed from watch movement by removing the two Winding Cock Plate Screws "M". (See Figure 5)

4. The Winding Cock Plate Assembly can be disassembled as follows: (See Figure 2)
 - a. Remove Winding Sector Assembly "H" from the Winding Cock Plate Assembly.
 - b. Remove Screw "G" and separate parts as shown.



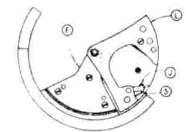
Top Side
FIGURE 5

5. The remainder of the Elgin automatic watch may be disassembled in the same manner as other Elgin movements.



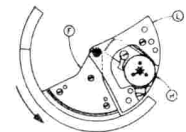
Top Side
FIGURE 2

6. The automatic winding assembly may be reassembled as follows: (See Figures 2, 3 and 4)
 - a. When reassembling the Automatic Wind Assy., the Impulse Sector "F" and the Winding Cock Plates "D" and "E" must be assembled as shown in Figure 2. This assembly is held together with Screw "G".
 - b. Assemble Holding Pawl to Winding Assembly and adjust spring "S" so point of Pawl "J" is flush with edge of peek hole. (See Figure 3)
 - c. After adjusting tension of the Holding Pawl, push the Winding Weight in direction of arrow and then place the Winding Sector Assy. "H" into position (see Fig. 4). Be sure that Holding Pawl tooth is properly engaged in the Winding Ratchet.



Under Side
FIGURE 3

7. The complete Winding Assembly is reassembled to watch movement as follows: (See Figures 4 and 5)
 - a. The Winding Assembly shown in Fig. 4 must be held firmly with tweezers and placed into position on watch movement (see Fig. 5). If the pinion teeth on the Winding Sector Arbor do not engage immediately with the Main Wheel "N" move Winding Arbor slightly.



Under Side
FIGURE 4

8. Engage the Winding Sector "H" and Impulse Sector "F" gears as shown in Fig. 6 by pushing Winding Weight "K" against Winding Cock "L" and then with tweezers push Winding Sector "H" against Impulse Sector "F". When gears are properly engaged pull Winding Weight "K" in direction of arrow and replace the Buffer Block "P" and Buffer Springs "R".
9. Insert movement in case by dropping pin "C" (Fig. 1) into slot in case, then rock movement in position and reassemble according to standard practice.