The WALTHAM SPEEDOMETER

and its care

WALTHAM WATCH COMPANY - WALTHAM, MASS. U.S.A.

THE CARE OF THE WALTHAM SPEEDOMETER

WALTHAM WATCH COMPANY
WALTHAM, MASS.

PRESS OF PERRY & ELLIOTT CO., LYNN.

GUARANTEE

"We will repair or replace, free of charge at our factory, or at any of our authorized Service Stations, any Waltham Speedometer or part that proves defective in material or workmanship within one year from date of sale to car buyer, provided that instrument is returned sealed as it leaves factory and transportation charges have been prepaid. This guarantee does not cover fibre pinions or leather covering on shafts."

WALTHAM WATCH COMPANY

WALTHAM, MASS.

Established in 1864

THE CARE OF THE WALTHAM SPEEDOMETER

If you have occasion to remove Speedometer Head from your car, treat it with the same consideration you would your watch. A Waltham Speedometer is a very delicately adjusted instrument and must be handled carefully and looked after to insure continued satisfactory service. It is so designed and made that unless injured by accident or abuse it should give perfect satisfaction. If your Speedometer does not operate satisfactorily look at the following:

1. Loose binding screw which holds the flexible shaft into the angle joint or swivel joint, allowing shaft to come out of mesh. (These binding screws should always be kept as tight as possible.)
2. The chain or wire cable may have broken or become dry from lack of grease.
3. Gears in swivel joint may have been stripped from lack of grease or too short a bend in flexible shaft.
4. Pinion may have come out of mesh with road wheel.

Incorrect speed and mileage probably due to the following:

The wrong swivel joint or angle joint may be used.

Wrong number of teeth in pinion or road wheel or in transmission drive.

You may have put on over size tires or tires may be inflated too much. Speedometer gear ratios are figured on the basis of properly inflated tires.

NOISY SPEEDOMETER HEADS

In most all cases noises in head are caused by shaft being bent at sharp angles or chain may be dry, causing noise to be transmitted to head, giving the impression that the trouble is located there. Never attempt to lubricate the Speedometer Head. All parts of the movement requiring lubrication were attended to when the instrument was assembled and will last the life of the instrument. If you are unable to locate the trouble do not, under any circumstance, open the Speedometer Head. If it has been opened, our guarantee is no longer in force.

FLEXIBLE SHAFT

The shaft should be just the right length to insure a free, sweeping curve,— no bends or strains. If shaft is too short, an undue strain is placed on both shaft and swivel joint, which eventually breaks either.

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THE CARE OF THE WALTHAM SPEEDOMETER (Continued)

The road wheel may be rubbing the shaft, which in time will wear through the casing and break the chain or cable; shafts should be supported by clip or strap hanger; never run shaft through spring hanger. If clip is used, be sure that length of shaft from clip to swivel joint is the right length to allow turning of corners. If strap hanger is used, be sure that shaft is permitted to move or slide through same freely.

Be sure that shaft chain or wire cable is properly lubricated, as in some cars shafts are installed so as to pass close to the motor, the heat dries the lubricant more quickly than under ordinary circumstances. Breaking of shaft is often caused by swivel joint getting out of order rather than weakness of shaft. A second immediate breakage of chain indicates trouble elsewhere in the installation. Do not fail to lubricate your flexible shaft at least once every four months. Do not use fluid oil or hard grease, because thin oil will work through casing and leave the shaft dry, while a heavy grease will cause great friction.

SWIVEL JOINT

If Swivel Joint is marked "Left Hand" be sure that same is installed on Left Hand wheel, as they will not work on Right Hand wheel. Right Hand Swivel Joints are not marked. Binder screw which holds shaft in swivel should be kept as tight as possible. If swivel joint is not kept lubricated, the internal gears will soon become stripped. Do not fail to lubricate once a week; a grease cup has been provided for this purpose and should be filled at least once a week. Give grease cup a turn once a day so as to force grease into swivel joint.

SERVICE STATIONS

We are establishing a chain of Service Stations in all the important cities (a list of which you will find enclosed) where Waltham Speedometers may be repaired or adjusted by experienced men on the same guarantee basis as if returned to our factory. If you desire to save delay and transportation charges, these Service Stations are in a position to supply you with parts and make any repairs or adjustments needed. If you know of no Service Station near by, write us and we will advise you.

When shipping in parts to be repaired or adjusted, be sure to pay transportation charges in accordance with the terms of the guarantee. Put name of shipper and point shipped from inside the box or package, as well as on the outside, so that our Service Station will be able to identify the shipment, thus avoiding delay.

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THE CARE OF THE WALTHAM SPEEDOMETER (Continued)

The Service Station would also appreciate a few lines from you advising that the shipment has been made, mentioning the express you are forwarding it by, and telling just what trouble you are having with the instrument or part. This information is very essential to help them in putting it in shape to give you satisfactory service.

If you are in doubt as to the cause of the trouble, return Speedometer Shaft and Swivel Joint, because often trouble which apparently lies in the Speedometer Head really exists in Shaft or Swivel Joint. In ordering parts, be sure to state make, model and year of car that it is desired for. If you want a flexible shaft complete, casing, chain or wire cable, state exact length of shaft and also finish wanted. If you want a swivel joint, state whether it is to be used on right or left hand wheel, also give size of tire.

If you want a pinion, state number of teeth or number of teeth in wheel gear, and size of tire.

If you break crystal in bezel, return speedometer head to Service Station and have new bezel installed, charges being made for crystal and labor only.

WHAT OUR GUARANTEE MEANS

Repairs are made free of charge under the guarantee, provided that the instrument is returned unopened and has not been misused. We, of course, make a normal charge for replacing broken crystals, leather covering on shafts, resetting speedometers, or for supplying any part that has been lost or misused.

Fibre pinions are not guaranteed, but if properly installed will give very good service.

If flexible shaft has been installed with short bends, or passed through spring hanger or broken because of short bends, rubbed by wheel, or cut by fender or pan, it is misused and a charge will be made for new shaft.

It is difficult at times to decide if equipment has been misused. If you think that an improper charge has been made by our Service Station, we will be glad to have you write direct to us with the assurance that your letter will be given immediate attention, and we will rebate any charge that is found not justifiable. Do not address letters referring to charges to your car agent or manufacturer. If you do, adjustments will only be delayed.

Repairs and adjustments are generally made at our Service Station the day they are received, and if at any time you do not receive prompt service, we would appreciate hearing from you fully. It is our aim to have all users of Waltham Equipment receive prompt and efficient service. If you do not receive this, kindly advise us.

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TECHNICAL DESCRIPTION OF SPEED DIAL
WALTHAM SPEEDOMETER

The speed-measuring part of the Waltham Speedometer consists of two essentials called cups, one inverted and telescoping the other, with an air gap separating them. The driving cup is driven by a flexible shaft from the road wheel or transmission system. The driven cup, known as the indicating one, is inverted outside the driving cup. It is the air friction generated in the annular air space between the cups which constitutes the speed measuring medium of the instrument.

The relationship of these two cups is best shown on page 7. Each cup is in reality a double cup. Thus the revolving cup *K*, consists of two concentric brass cups, *K*1 and *K*2, having an annular space 0.108 cm. between the two vertical walls called ribs for convenience. The cups *K* and *K*1 are rigidly mounted on the vertical shaft *S* so that when one revolves both revolve.

The driven or indicating cup *C* consists of two aluminum cups *C*1 and *C*2 attached together so that to all intents and purposes they form a single cup. These cups are extremely light, being made of aluminum 8/1000 of a centimeter thick. This means that 313 of these cup thicknesses would be required to make 1 inch.

The aluminum cup *C* when in position in the instrument has the inner rib *C*2 floating in the annular space between the ribs *K*1 and *K*2 of the brass cup. The outer rib *C*1 of the aluminum cup floats outside of the brass rib *K*1. There is an air space at all times of one-half millimeter between the ribs of the brass and aluminum cups. On the outer face of the aluminum cup are the calibration figures to indicate the speed in miles per hour.

The revolving of the brass cup generates the air friction which would revolve the aluminum cup, also, were it not for a regulating hairspring shown in the upper left, page 7. This hairspring is so adjusted as to permit the correct oscillation of the indicating cup according to the speed. This regulation between the hairspring and the tendency to rotate is so accurate that the instrument indicates immediately all speed changes of the car.

The principle of air friction between revolving concentric cups has been proved to be directly in proportion to the speed of the revolving cup, in this case the driven brass cup. It is this fact that makes a uniform calibration possible without adding compensating devices to gain this end. The principle of indicating speed through air friction is covered by patents controlled by the Waltham Company. Comprehensive laboratory tests have proved that air friction is not influenced by heat, cold, or altitude up to 10,000 feet. The revolving cups do not have to be carried in an air-tight compartment, and no sealing is necessary.

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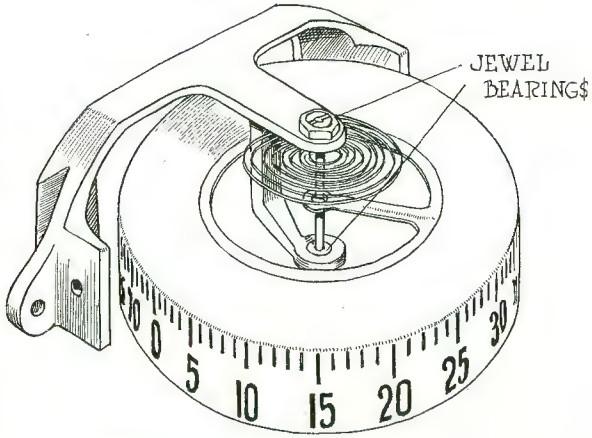
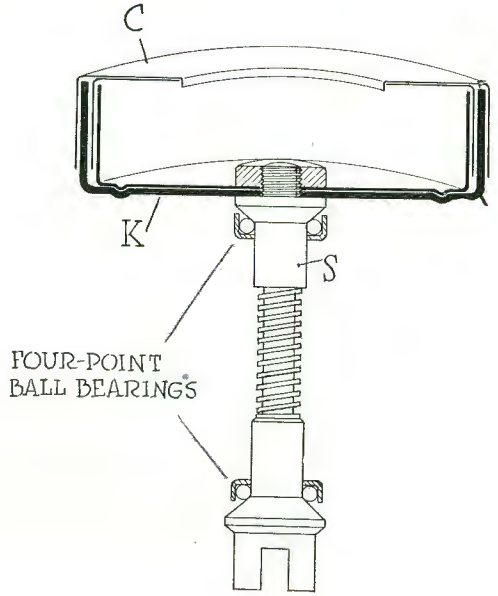
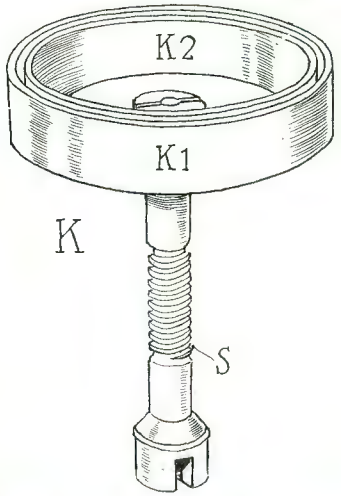
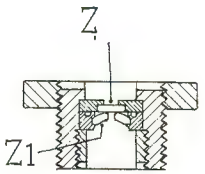
CUT ACCOMPANYING DESCRIPTION OF SPEED DIAL ON (Page 6) WALTHAM SPEEDOMETER

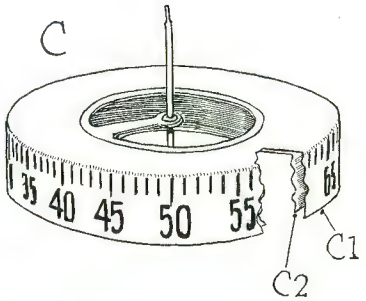








UPPER JEWEL BEARING
(Enlarged Section)



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WALTHAM SPEEDOMETER SERVICE STATIONS

STATE	CITY	SERVICE STATION
CALIFORNIA	San Francisco	Automotive Service Agency, 1452–62 Bush St.
CALIFORNIA	Los Angeles	Electric Equipment Co., 1240 S. Hope St.
CANADA	Toronto	Toronto Speedometer Service Station, 151 Victoria St.
COLORADO	Denver	Gall Auto Specialty Co., 1161 Lincoln St.
DISTRICT OF COLUMBIA	Washington	B. F. Zimmerman, 1018 14th St., N. W.
ILLINOIS	Chicago	Arthur Jones Electric Co., 4860 Broadway
ILLINOIS	Chicago	Arthur Jones Electric Co., 2837 S. State St.
INDIANA	Indianapolis	Manufacturers' Service Co., 721 N. Illinois St.
MASSACHUSETTS	Boston	Charles A. Jackson, Inc., 711 Beacon St.
MICHIGAN	Detroit	G. A. Duncan, 592 E. Jefferson Ave.
MINNESOTA	Minneapolis	Reinhard Bros. Co., 11–13 S. 9th St.
MISSOURI	Kansas City	E. S. Cowie Electric Co., 1818 McGee St.
MISSOURI	St. Louis	Auto Ignition, Lighting & Rep. Co., 4701 Washington Ave.
NEW JERSEY	Newark	General Speedometer Rep. Co. of N. Y., 80 Central Ave.
NEW YORK	Albany	Albany Speed. Service Station, 248 Washington Ave.
NEW YORK	Buffalo	Buffalo Speedometer Service Station, 1528 Main St.
NEW YORK	New York	General Speedometer Rep. Co., 51 W. 63d St.
OHIO	Cleveland	Bissinger Magneto Co., 2344 Euclid Ave.
OHIO	Columbus	Bissinger Magneto Co., 118–20 E. Spring St.
OREGON	Portland	Sunset Electric Co., North 8th and Davis Sts.
PENNSYLVANIA	Pittsburg	Penn. Storage Battery Co., 5750 Baum Blvd.
PENNSYLVANIA	Philadelphia	Auto Equipment & Service Co., 1421 N. Broad St.
WASHINGTON	Seattle	Sunset Electric Co., 1507 Broadway.

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PRICE LIST OF PARTS, WALTHAM SPEEDOMETER

MODEL PACKARD 1917

Packard '17 Equipment Complete	$90.00
Packard '17 Speedometer Head Complete	72.00
Packard '17 Speedometer Head Less Clock	50.00

MODEL 100

Model 100 Complete	90.00
Model 100 Speedometer Head Complete	83.00
Model 100 Speedometer Head Less Clock and Angle Joint	55.00
Model 100 Speedometer Head Less Angle Joint	81.00

MODEL 200

Model 200 Complete	90.00
Model 200 Speedometer Head Complete	83.00
Model 200 Speedometer Head Less Clock and Angle Joint	55.00
Model 100 Speedometer Head Less Angle Joint	81.00

MODEL 300

Model 300 Equipment Complete	65.00
Model 300 Speedometer Head Complete	60.00
Model 300 Speedometer Head Less Angle Joint	58.00

MODEL B1

Model B1 Equipment Complete	65.00
Model B1 Speedometer Head Complete	60.00
Model B1 Speedometer Head Less Angle Joint	58.00

No.	Name	
1	Frame. All models	$2.20
2	Frame for aluminum cups. All models	1.10
3	Support for odometer	.30
5	Collar. All models	.20
9	Worm gear and spiral shaft. All models	$0.60
10	Ball bearing worm shaft. All models	1.10
17	Driving cup (brass) outside. All models	.30
18	Driving cup (brass) inside. All models	.30
19	Worm ball cup. All models	.20
24	Grease cup for swivel joint	.60
25	Swivel joint base	1.50
26	Swivel joint cover	.60
35	Odometer wheel, 1000-mile trip	.40
36	Odometer wheel, assembled, 1000-mile trip	.85
37	Odometer wheel, assembled, 1000-mile trip	.95
40	Adj. cone for cup driving shaft	.30
42	Odometer shaft screw. All models, dozen	.30
43	Odometer support screw. All models, dozen	.30
44	Aluminum cup frame and worm gear frame screws. All models, dozen	.30
52	Upper bushing vertical worm shaft. All models	.20
55	Bushing for worm gear shaft	.20
56	Lock nut for driving cup. All models	.20
57	Reset flat spring screw. All models, dozen	.30
60	Reset and clock pendant shield screw. Packard '17. Models 100-200, dozen	.30
63	Reset sleeve. Spring Packard '17. Model B1 and 100, each	.20
67	Reset crown Packard '17	.60
70	Crown screw Packard '17, each	.20
71	Reset bushing. Models Packard '17 and B1	.40
72	Shield for aluminum cup. All models	.40
82	Cap for swivel joint	.20
85	Swivel joint bearing washer	.20
86	Reset sleeve lock washer. Models Packard '17—B1 and 100, dozen	.30
88–1	Reset bevel gear driver. Model B1	.60
88–2	Reset bevel gear driven. Model B1	.60

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89	Flexible casing coupling, upper end. Packard '17	$1.10
91	Case connection. Packard '17	1.10
93	Dial, black. Model Packard '17	2.50
97	Reset sleeve. Model Packard '17	.60
98	Reset lever. Model Packard '17	1.10
101	Pinion nut	.20
104	6 prong pinion lock washer, dozen	.30
105	Right-hand spiral and bevel gear for swivel joint	.85
107	Flexible shaft chain only. Model Packard '17	5.00
108	Aluminum cup shield screw. All models, doz.	.30
112	Lock washer for crown screw. Packard '17, dozen	.30
113	Spring for star wheel. All models, dozen	.30
115	Link for flexible shaft, dozen	.20
116	Link collar for flexible shaft, dozen	.20
117	End sleeve flexible shaft, each	.20
118	Driving fork flexible shaft, each	.20
119	Flexible shaft casing, leather covered	7.00
121	Case. Packard '17	7.25
122	Speedometer bezel. Packard '17	3.00
123	Clock bezel for G2	2.50
124	Reset flat spring. Models B1, 100. Packard '17, dozen	.40
128	Angle joint binder screw, each	.25
131	Swivel joint and flexible shaft connection	.60
132	Pinion bearing support	1.10
133	Bracket joint pin	.25
139	Bracket cotter pin, dozen	.20
140	Bracket spring, each	.20
142	80-tooth wheel gear	2.00
146	Star wheel spring screw. All models, dozen	.20
153	End shake washer, dozen	.20
154	Reset lever spring. Models B1, Packard '17-100	$0.20
155	Dust shield. Packard '17 case, each	.20
156	Clock bezel screw. Packard '17, dozen	.75
162	Reset sleeve. Model B1	.60
170	Case. Packard '17, coupe	7.25
179	Bracket base, right hand	1.10
180	Angle joint set screw, dozen	.30
182	Clock lock pin. Packard '17, each	.20
183	Clock lock screw. Packard '17, each	.25
184	Clock lock pin screw. Packard '17, dozen	.20
185	Clock lock spring. Packard '17, dozen	.20
187	Speedometer bezel screw. Packard '17, dozen	.20
198	Angle joint casing (for set screws)	2.25
202	Dust shield spring. Models, B1-17-100, each	.20
203	Dust shield, felt washer. Models B1-17-100, dozen	.30
205	Ball bearing binding pin, dozen	.20
207	Swivel joint shaft pin, dozen	.20
210	79-tooth wheel gear	2.00
211	Swivel joint, right hand	5.00
212	Spring bracket, right hand	3.50
213	Spring bracket, complete, with swivel joint and pinion, right hand	8.50
214	Flexible shaft support	.35
215	Flexible shaft complete. Packard '17	12.00
216	Flexible shaft end, each	.40
217	Flexible shaft links and collar, foot	.85
219	Vertical swivel shaft	.30
220	Vertical swivel shaft nut, dozen	.40
221	Vertical shaft lock washer, dozen	.20
222	Bracket base, left hand	1.25
223	Odometer star wheel, 1000-mile trip	.60
225	Pin for vertical and worm shaft bushing. All models, dozen	.20

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229	Angle joint plug screw. All models, dozen	$0.30
238	Flexible casing coupling, lower end for Cadillac.	1.10
242	Reset lever. Model B1	.85
245	Flexible casing coupling, lower end for Packard '17	1.10
246	Worm and gear shaft, assembled. All models.	.85
249	Flexible shaft complete. Cadillac	11.00
252	End shake washer, dozen	.20
256	Reset stem. Model B–1	.60
257	Push rod stem. Model B–1	.40
264	Angle joint casing (for binder screw)	2.25
266	Crown screw. Models B–1–100, each	.20
269	Steel balls for worm shaft $\frac{3}{32}$ diameter. All models, dozen	.25
270	Flexible casing coupling, upper end. Cadillac.	1.25
272	Reset sleeve. Model 100	.85
273	Reset stem. Model 100	.60
274	Reset stem wheel. Model 100	.30
275	Reset crown wheel. Model 100	.60
276	Reset lever. Model 100	.30
278	Odometer spot screw. All models, dozen	.20
281	Reset bushing. Model 100	.60
282	1 to 1 angle joint, assembled, with set screws	4.00
286	Flexible shaft complete. Packard '17 Coupe	12.00
290	Collar pin reset lever. Model B1, dozen	.20
291	Reset driving gear pin. Model B1, dozen	.20
325	Model 100, head complete	83.00
335	Model 300, head complete	61.00
336	Model 200, head complete	83.00
350	Clock for Model 100–200	25.00
351	Speedometer movement. Model B1	40.00
352	Speedometer movement. Model 100	40.00
353	Speedometer movement. Model Packard '17	40.00
355	Speedometer movement. Model 200	40.00
356	Clock G–2 for model Packard '17	25.00
357	Head complete. Model Packard '17	$72.00
358	Head complete. Model Packard '17. Coupe	72.00
359	Bezel complete. Model 200	6.00
360	Bezel complete. Model B1	6.00
362	Speedometer movement. Model 300	40.00
365	Head complete. Model B1	61.00
401	34-tooth fibre pinion	1.25
402	35-tooth fibre pinion	1.25
403	36-tooth fibre pinion	1.25
405	Dial, black. Model 100	3.50
414	End shake washer, dozen	.20
416	Holding down screw. All models, dozen	.30
419	Binder screw with nut	.35
420	Rattle stem spring. Model B1	.20
426	Clock support screw. Models 100–200, dozen	.40
430	Speedometer Case. Models 100–200	1.25
436	Crystal for G–2 clock. Packard '17	1.00
437	Crystal for speedometer. Packard '17	1.25
439	Crystal for Models 100–200	1.75
443	Reset stem spring. Model 100	.20
450	Clock pendant shield. Models 100 and 200, doz.	.40
452	Frame for speedometer case. Model 100	2.50
453	Clock support for Models 100 and 200	.60
460	Angle joint fibre driving tongue, dozen	.30
463	Cam spring guard. All models	.20
464	Cam spring guard screw. All models, dozen	.30
468	Pin for reset stem wheel. Model 100, dozen	.20
481	Angle joint connection	.85
487	Flexible shaft chain only. Cadillac	5.50
488	Crystal. Model 300 and B1	1.25
491	Dowel pin for bezel. Models 100–200, dozen	.20
492	Bearing washer reset stem spring. Model 100, dozen	.20
500	Reset clutch driver and stem, assembled, Models Packard '17 B1–100	.85

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507	Odometer wheel, 100-mile trip	$0.40
510	Floating ratchet, 100-mile trip	.40
513	Reset plunger. Model 300	.60
519	Reset sleeve. Model 200	.85
520	Reset sleeve. Model 300	.85
524	Crown gear. Model 200	.60
526	Odometer split nut, 100-mile trip	.30
529	Washer for odometer split nut, 100-mile trip, dozen	.20
532	Odometer shaft bushing, 100-mile trip	.20
533	Reset sleeve nut, 100-mile trip	.30
536	Crown gear. Model 300	.60
542	Reset stem, assembled. Model 300	.85
544	Crown pin, dozen	.20
545	Reset stem bushing. Models 200–300	.20
546	Reset stem spring. Models 200–300	.20
547	Flexible shaft casing for Cadillac	5.50
548	Odometer pinion bearing, assembled. All models	.40
549	Speedometer case. Model 300	5.00
550	Aluminum cup, assembled. All models	3.00
551	Ball bearing sleeve for swivel joints, assembled	1.25
552	Spiral and bevel gear for swivel joints, assm.	.85
553	Driving gear and spindle for swivel joints, right hand	.60
554	Driving gear and spindle for swivel joints, left hand	.60
555	Swivel joints, left hand	5.00
556	Pinion driving hub, assembled	.75
557	Left hand spring bracket complete, with swivel joint and pinion	8.50
558	Bracket adj. bolt, assembled	.30
559	Bracket clamp bolt, assembled	.30
560	Worm gear bracket, assembled	1.75
561	Jewel bearings, assembled. All models	.85
562	Support for odometer, assembled	$0.85
563	Cam spring, assembled. All models	.60
567	Trip odometer shaft, assembled, 1000-mile	1.25
568	Kilometer swivel joint	5.00
569	1 to 1 kilometer angle joint with set screws	4.00
570	1 to 1 angle joint with binder screw	4.00
571	1 to 1 kilometer angle joint with binder screws	4.00
572	Angle joint driving gear shaft and bush., assm.	1.25
573	Angle joint driven gear shaft and bush., assm.	1.25
574	Total odometer shaft, assm., for 1000-mile trip	1.50
575	Bearing sleeve, 100-mile trip	.20
586	Reset plunger. Model 200	.85
588	Driving block upper end for all flexible wire shafts	.85
592	Reset cover. Model 300	.30
593	Casing end washer for all couplings	.20
595	Reset clutch and stem, 100-mile trip	.60
596	Reset end shake washer crown end, 100-mile trip, dozen	.20
597	Reset end shake washer wheel end, 100-mile trip dozen	.20
598	Reset cover. Model 200	.40
599	Flexible casing coupling used on all wire shaft casings	1.10
600	Casing coupling for 667 and 668 shafts	1.10
603	Driving key upper end for all wire shafts	.60
604	Driving block lower end for 605–667–668 shafts	.60
605	Flexible wire shaft, complete, Packard 1918	10.00
606	Casing coupling for 669 shafts	1.10
608	Cover plate, assembled, for Model 300	4.00
610	Flexible wire cable, foot	1.00
612	Wire cable with end connections for 605 shaft	5.00
613	Casing with end connections for 605 shaft	5.50
614	Dial, black or silver for Model 300	2.50
615	Dial, black or silver for Model 200	3.50

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616	Frame for speedometer case. Model 200	$2.50
617	Odometer trip end, assm., for 1000-mile trip	3.50
618	Odometer total end, assm., for 1000-mile trip	4.50
619	Dial, silver. Model B1	2.50
620	Reset crown and gear, assm. Models 200–300	1.00
621	Reset crown pin, dozen	.20
622	Driving wheel, assembled, 100-mile trip	.85
627	Total odometer, assembled, for 100-mile trip	4.50
628	Trip odometer, assembled, for 100-mile trip	3.50
629	Red trip odometer wheel for Model 200	.85
630	Red trip odometer wheel for Model 300	.85
631	Odometer star wheel for Models 200-300	.60
632	Odometer shaft total, assembled, 100-mile trip	.85
633	Odometer shaft trip, assembled, 100-mile trip	.60
634	Floating ratchet spring, 100-mile trip	.20
635	Bezel, complete. Model 100	6.00
636	Case for Model B1	4.00
639	Bezel, complete, black or nickel. Model 300	6.00
640	Odometer, complete, assembled, for 1000-mile trip	8.00
641	Odometer, complete, assembled, for 100-mile trip	$8.00
643	Reset stem, assembled. Model 100	1.10
644	Reset stem, assembled. Model B1	1.10
645	Driving block, assembled. Cadillac shaft	.85
646	Case bolt, assembled. Models 100–200	.25
647	33–tooth file pinion	1.25
649	Reset stem. Models 300 and 200	.60
650	Reset stem, model assembled. Model 200	.85
657	Spring Bracket, left hand	3.50
667	Shaft, complete, for 1917 Packard	10.00
668	Shaft, complete, for 1917 Packard Coupe	10.00
669	Shaft, complete, for 1917 Cadillac	10.00
672	Shaft casing for 667 shaft	5.50
673	Shaft, cable for 667 shaft	5.00
676	Shaft, casing for 668 shaft	5.50
677	Shaft, cable for 668 shaft	5.00
680	Shaft, casing for 669 shaft	5.50
681	Shaft cable for 669 shaft	5.00
682	Model 300. Clock used with Model 300 Speedometer	25.00

WALTHAM WATCH COMPANY
Waltham, Mass.

WALTHAM SPEEDOMETER MODELS

No. 325 Head Complete Model 100

No. 336 Head Complete Model 200

No. 335 Head Complete Model 300 Black or Nickel

No. 365 Head Complete Model B

WALTHAM WATCH COMPANY
Waltham, Mass.

WALTHAM SPEEDOMETER MODELS

No. 357 Head Complete
Packard '17

No. 358 Head Complete
Packard '17 Coupe

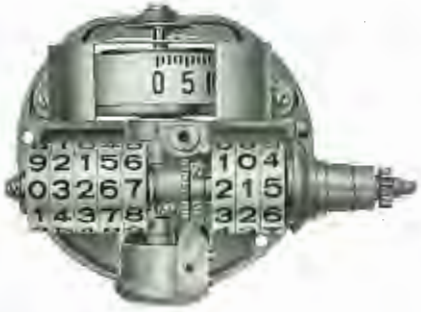
WALTHAM WATCH COMPANY
Waltham, Mass.

WALTHAM SPEEDOMETER MOVEMENTS

No. 351 Model B1

No. 353 Packard '17

No. 352 Model 100



No. 362 Model 300 and 400

No. 355 Model 200

WALTHAM WATCH COMPANY
Waltham, Mass.

WALTHAM SPEEDOMETER DIALS

No. 93 Black
Model Packard '17

No. 615 Black or Silver
Model 200

No. 614 Black or Silver
Model 300, 400
700 and 1300

No. 405 Black
Model 100

No. 619 Silver
Model B1

WALTHAM WATCH COMPANY
Waltham, Mass.

WALTHAM SPEEDOMETER BEZELS COMPLETE

No. 359
Model 200

No. 123
No. 356 G-2 Clock

No. 635
Model 100

No. 122
Model Packard '17

No. 639
Model 300 and 400, Black or Nickel

No. 360
Model B1

WALTHAM WATCH COMPANY
Waltham, Mass.

WALTHAM SPEEDOMETER CRYSTALS

No. 436
Model G-2 Clock

No. 488 Models B1, 300, 400 and 1300
No. 437 Packard '17

No. 439
Models 100 and 200

WALTHAM WATCH COMPANY
Waltham, Mass.

WALTHAM SPEEDOMETER CASES

No. 121
Packard '17

No. 170
Packard '17 Coupe

WALTHAM WATCH COMPANY
Waltham, Mass.

WALTHAM SPEEDOMETER CASES

No. 430
Models 100 and 200

No. 549
Model 300

No. 636
Model B1 and 400

WALTHAM WATCH COMPANY
Waltham, Mass.

WALTHAM SPEEDOMETER CLOCKS

No. 350
Models 100 and 200

No. 682
Model 300

No. 356
G-2 Model Packard '17

WALTHAM WATCH COMPANY
Waltham, Mass.

WALTHAM SPEEDOMETER FRAMES

No. 452 Frame for Speedometer Case
Model 100

No. 616 Frame for Speedometer Case
Model 200

No. 453 Frame for Clock Support
Models 100 and 200

No. 1 Movement Frame
for all Models

No. 2 Frame for Aluminum Cups

No. 608 Coverplate, Black or Nickel
Model 300

WALTHAM WATCH COMPANY
Waltham, Mass.

WALTHAM SPEEDOMETER ANGLE JOINTS

No. 198
Angle Joint Casing for Set Screws

No. 264
Angle Joint Casing for Binder Screws

No. 282 1 to 1 Angle Joint, assembled, with Set Screws
No. 569 1 to 1 Angle Joint, assembled, with Set Screws
Kilometer

No. 570 1 to 1 Angle Joint, assembled, with Binder Screws
No. 571 1 to 1 Angle Joint, assembled, with Binder Screws
Kilometer

WALTHAM WATCH COMPANY
Waltham, Mass.

WALTHAM SPEEDOMETER ANGLE JOINTS

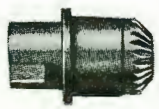
No. 128 Angle Joint Binder Screw

No. 180 Angle Joint Set Screw

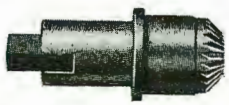
No. 229 Angle Joint Plug Screw

No. 419 Angle Joint Binder Screw and Nut

No. 460 Angle Joint Fiber Driving Tongue



No. 572 Angle Joint Driving Gear Shaft and Bushing, Assembled



No. 573 Angle Joint Driven Gear Shaft and Bushing, Assembled

WALTHAM WATCH COMPANY
Waltham, Mass.

WALTHAM ODOMETER PARTS

No. 35 Odometer Wheel
1000-Mile Trip

No. 36 Odometer Wheel, Assembled
1000-Mile Trip

No. 37 Red Trip Odometer Wheel,
Assembled, 1000-Mile Trip.

No. 223
Odometer Star Wheel, Assembled
1000-Mile Trip

No. 500
Reset Clutch and Stem
1000-Mile Trip

No. 507
Odometer Wheel
100-Mile Trip

No. 510
Floating Ratchet
100-Mile Trip

No. 513
Reset Plunger
Model 300

No. 548
Odometer Pinion Bearing,
Assembled, all Models

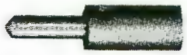
No. 562
Odometer Support,
Assembled

No. 567
Trip Odometer Shaft, Assembled
1000-Mile

WALTHAM WATCH COMPANY
Waltham, Mass.

WALTHAM ODOMETER PARTS

No. 574
Total Odometer Shaft,
Assembled, 1000-Mile.



No. 586
Reset Plunger
Model 200

No. 595
Reset Shaft and Stem
Models 200 and 300

No. 620
Reset Crown and Gear, Assembled
Models 200 and 300

No. 622
Driving Wheel, Assembled
Models 200 and 300

No. 627
Total Odometer, Assembled
Models 200 and 300

No. 628
Trip Odometer, Assembled
Models 200 and 300

No. 629
Red Trip Wheel, Assembled
Model 200

No. 630
Red Trip Wheel, Assembled
Model 300

WALTHAM WATCH COMPANY
Waltham, Mass.

WALTHAM ODOMETER PARTS

No. 617
Odometer Trip End, Assembled
1000-Mile Trip

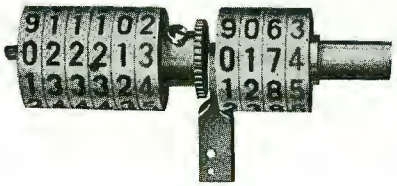
No. 618
Odometer Total End, Assembled
For 1000-Mile Trip

No. 631
Odometer Star Wheel
Models 200 and 300

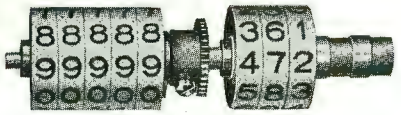
No. 633
Odometer Shaft Trip, Assembled
Models 200 and 300

No. 3
Support for Odometer

No. 632
Odometer Shaft Total, Assembled
Models 200 and 300



No. 640
Odometer, Complete, Assembled
With 1000 Mile-Trip



No. 641
Odometer, Complete, Assembled
With 100 Mile-Trip

WALTHAM WATCH COMPANY
Waltham, Mass.

WALTHAM SPEEDOMETER INSTRUMENT FRAME PARTS

No. 9 Worm Gear and Spiral Shaft
All Models

No. 19 Worm Ball Cup
All Models

No. 10 Ball Bearing Worm Shaft
All Models

No. 52 Upper Bushing, Vertical
Worm Shaft
All Models

No. 203 Felt Dust Washer
Models Packard '17
B1 and 100

No. 55 Bushing for Worm Gear
Shaft
All Models

No. 17 Driving Cup Outside Brass
All Models

No. 72 Shield for Aluminum Cups
All Models

No. 18 Driving Cup Inside Brass
All Models

WALTHAM WATCH COMPANY
Waltham, Mass.

WALTHAM SPEEDOMETER INSTRUMENT FRAME PARTS

No. 246 Worm and Gear Shaft, Assembled
All Models

No. 269 $\frac{3}{32}$ Steel Ball for Worm Shaft
All Models

No. 450 Clock Pendant Shield
Models 100 and 200

No. 550 Aluminum Cup, Assembled
All Models

No. 560 Worm Gear Bracket, Assembled
All Models

No. 561 Jewel Bearing, Assembled
All Models

No. 463 Cam Spring Guard
All Models

No. 592 Reset Cover
Model 300

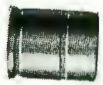
No. 598 Reset Cover
Model 200

WALTHAM WATCH COMPANY
Waltham, Mass.

SLEEVES AND LEVERS

No. 71 Reset Bushing
Models Packard '17 and B1

No. 97 Reset Sleeve
Packard '17



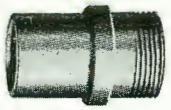
No. 281 Reset Bushing
Model 100

No. 162 Reset Sleeve
Model B1

No. 98 Reset Lever
Model 1917

No. 242 Reset Lever
Model B1

No. 276 Reset Lever
Model 100



No. 519 Reset Sleeve
Model 200

No. 520 Reset Sleeve
Model 300

No. 272 Reset Sleeve
Model 100

WALTHAM WATCH COMPANY
Waltham, Mass.

WALTHAM SPEEDOMETER CROWN AND STEMS

No. 67 Reset Crown
Packard '17

No. 88-2 Reset Bevel Gear Driver
Model B1

No. 88-1 Reset Bevel Gear Driver
Model B1

No. 275 Reset Crown Wheel
Model 100

No. 524 Crown Gear
Model 200

No. 536 Crown Gear
Model 300

No. 650 Reset Stem, Assembled
Model 200

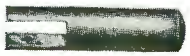
No. 256 Reset Stem
Model B1

No. 649 Reset Stem
Models 200 and 300

No. 542 Reset Stem, Assembled
Model 300 and 400

No. 643 Reset Stem, Assembled
Model 100

No. 644 Reset Stem, Assembled
Model B1



No. 257 Reset Push Rod
Model B1

No. 273 Reset Stem
Model 100

No. 274 Reset Stem Wheel
Model 100

WALTHAM WATCH COMPANY
Waltham, Mass.

WALTHAM SPEEDOMETER SCREWS AND NUTS

No. 40 Adjusting Cone for Cup Driving Shaft
All Models

No. 42 Odometer Shaft Screw
All Models

No. 43 Odometer Support Screw
All Models

No. 44 Aluminum Cup Frame and Worm Gear Bracket
All Models

No. 56 Lock Nut for Driving Cup
All Models

No. 182 Clock Lock Pin
Packard '17

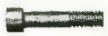
No. 57 Reset Flat Spring Screw
Models B1; Packard '17 and 100

No. 225 Pin for Vertical and Worm Shaft Bushing. All Models

No. 491 Dowel Pin for Bevel
Models 100 and 200

No. 546 Reset Stem Spring
Models 200 and 300

No. 60 Reset Cap Screw, Clock Pendant Shield Screw
Packard '17
Model 100 and 200



No. 70 Crown Screw
Packard '17

No. 108 Aluminum Cup Shield Screw
All Models

No. 146 Star Wheel Spring Screw
All Models

WALTHAM WATCH COMPANY
Waltham, Mass.

WALTHAM SPEEDOMETER SCREWS AND NUTS

No. 156 Clock Bezel Screw
Packard '17

No. 183 Clock Lock Screw
Packard '17

No. 184 Clock Lock Pin Screw
Packard '17

No. 187 Bezel Screw
Packard '17

No. 266 Crown Screw
Models B1 and 100

No. 426 Clock Support Screw
Models 100 and 200

No. 464 Cam Spring Guard Screw
All Models

No. 278 Odometer Spot Screw
All Models

No. 532 Odometer Shaft Bushing
100-Mile Trip

No. 575 Bearing Sleeve
100-Mile Trip

No. 646 Case Bolt, Assembled
Models 100 and 200

No. 416 Holding Down Screw
All Models

No. 533 Reset Stem Nut
Models 200 and 300

WALTHAM WATCH COMPANY
Waltham, Mass.

WALTHAM SPEEDOMETER WASHERS

No. 153
End Shake Washer

No 252
End Shake Washer

No. 414
End Shake Washer

No. 529
Separating Washer for
Odometer Wheels

No. 492
Bearing Washer for Reset Stem Spring
Model 100

No. 596
Reset End Shake Washer, Crown End
Models 200 and 300

No. 597
Reset End Shake Washer, Wheel End
Models 200 and 300

No. 5
Collar for All Models

No. 112
Lock Washer for Crown Screw
Packard '17

No. 526
Screw Collar for Odometer Shafts
Models 200 and 300

WALTHAM WATCH COMPANY
Waltham, Mass.

WALTHAM SPEEDOMETER PINS AND SPRINGS

No. 290
Cotter Pin for Reset
Lever Model B1

No. 468
Pin for Reset Stem Wheel

No. 621
Reset Crown Pin
Models 200 and 300

No. 63
Reset Stem Spring
Models '17, B1 and 100

No. 86
Lock Washer for Reset Sleeve
Models '17, B1 and 100

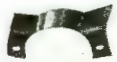
No. 113
Star Wheel Spring
All Models

No. 124
Reset Flat Spring
Models '17, B1 and 100

No. 154
Reset Lever Spring Packard '17
Models B1 and 100

WALTHAM WATCH COMPANY
Waltham, Mass.

WALTHAM SPEEDOMETER SPRINGS



No. 155
Dust Shield
Model Packard '17

No. 185
Clock Lock Spring
Model Packard '17

No. 420
Rattle Stem Spring
Model B1

No. 202
Dust Shield Spring
Models '17, B1 and 100

No. 443
Reset Stem Spring
Model 100

No. 563
Cam Spring, Assembled
All Models

No. 634
Floating Ratchet Spring
Models 200 and 300

WALTHAM WATCH COMPANY
Waltham, Mass.

WALTHAM SPEEDOMETER DRIVING SHAFT CASINGS AND COUPLINGS

No 89 Flexible Casing Coupling
Upper End, Packard '17

No. 91 Case Connection
Packard '17

No. 245 Flexible Casing Coupling
Lower End of Packard '17

No. 107 Flexible Shaft Chain Packard '17

No. 119 Flexible Shaft Casing, Leather Covered

No. 115 Flexible Shaft Link

No. 118 Flexible Shaft End Sleeve

No. 117 Flexible Shaft Driving Fork

WALTHAM WATCH COMPANY
Waltham, Mass.

WALTHAM SPEEDOMETER DRIVING SHAFT CASINGS AND COUPLINGS

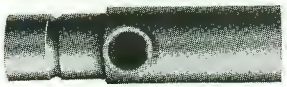
No. 216
Flexible Shaft End, Assembled

No. 215 Flexible Shaft Complete
Packard '17
No. 286 Flexible Shaft Complete
Packard '17 Coupe

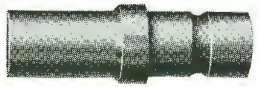
No 217
Flexible Links and Collars

No. 214 Flexible Shaft Support

No. 238 Flexible Casing Coupling
Lower End for Cadillac



No. 270 Flexible Casing Coupling
Upper End for Cadillac



No. 599 Flexible Casing Coupling
for all Wire Cable Casings

WALTHAM WATCH COMPANY
Waltham, Mass.

WALTHAM SPEEDOMETER DRIVING SHAFT CASINGS AND COUPLINGS

No. 249 Flexible Chain Shaft Complete

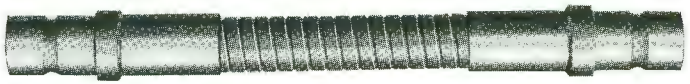
No. 487 Flexible Shaft Chain for Cadillac

No. 547 Flexible Shaft Casing for Cadillac

No. 603
Driving Key, Upper End
All Wire Cables

No. 610
Flexible Wire Cable
for 605 Shaft

No. 604
Driving Block, Male End
All Wire Cables



No. 613 Casing with End Connections for 605 Shaft
No. 680 " " " " " 669 "
No. 672 " " " " " 667 "

No. 681 Cable with End Connections for 669 Shaft

WALTHAM WATCH COMPANY
Waltham, Mass.

WALTHAM SPEEDOMETER DRIVING SHAFT CASINGS AND COUPLINGS

No. 588
Driving Block, Upper End
for All Wire Cables

No. 612 Wire Cable with End Connections, Assembled for 605 Shaft
No. 673 Wire Cable with End Connections, Assembled for 667 Shaft
No. 677 Wire Cable with End Connections, Assembled for 668 Shaft

No. 605 Flexible Wire Shaft Complete

No. 481 Angle Joint Case Connection

No. 645 Driving Block, Assembled, Cadillac

No. 667 Speedometer Flexible Wire Shaft, Complete Packard '17

No. 669 Speedometer Flexible Wire Shaft, Complete Cadillac '17

No. 668 Speedometer Flexible Wire Shaft, Complete Packard '17 Coupe

WALTHAM WATCH COMPANY
Waltham, Mass.

WALTHAM SPEEDOMETER SWIVEL JOINT AND BRACKET PARTS FOR LOWER HEAD

No. 139
Bracket Cotter Pin

No. 205
Ball Bearing Binding Pin

No. 207
Swivel Joint Shaft Pin

No. 25
Swivel Joint Base

No. 131
Swivel Joint and Flexible Shaft Connection

No. 101
Pinion Nut

Nos. 105-552
Spiral and Bevel Gear for Swivel Joint, Assembled
No. 105 Right Hand No. 552 Left Hand

No. 133
Bracket Joint Pin

WALTHAM WATCH COMPANY
Waltham, Mass.

WALTHAM SPEEDOMETER SWIVEL JOINT AND BRACKET PARTS FOR LOWER HEAD

No. 140 Bracket Spring

No. 558 Bracket Adjusting Bolt, Assembled

No. 559 Bracket Clamp Bolt Assembled

No. 179 Bracket Base, Right Hand
No. 222 Bracket Base, Left Hand

No. 132 Pinion Bearing Support

No. 104 6 Prong Pinion Lock Washer

No. 221 Vertical Shaft Lock Washer

No. 220 Vertical Swivel Shaft Nut

No. 556 Pinion Driving Hub, Assembled

WALTHAM WATCH COMPANY
Waltham, Mass.

WALTHAM SPEEDOMETER SWIVEL JOINT AND BRACKET PARTS FOR LOWER HEAD

No. 553 Driving Gear and Spindle Right Hand
No. 554 Driving Gear, Left Hand

No. 26 Swivel Joint Cover

No. 219 Vertical Swivel Shaft

No. 551 Ball Bearing Sleeve, Assembled

No. 85 Swivel Joint Bearing Washer

No. 24 Grease Cup

WALTHAM WATCH COMPANY
Waltham, Mass.

WALTHAM SPEEDOMETER SWIVEL JOINT AND BRACKET PARTS FOR LOWER HEAD

No. 213 Spring Bracket, Complete with Swivel Joint and Pinion Right Hand
No. 557 Left Hand

No. 82 Cap for Swivel Joint

No. 142 80 Tooth Wheel Gear
No. 210 79 Tooth Wheel Gear

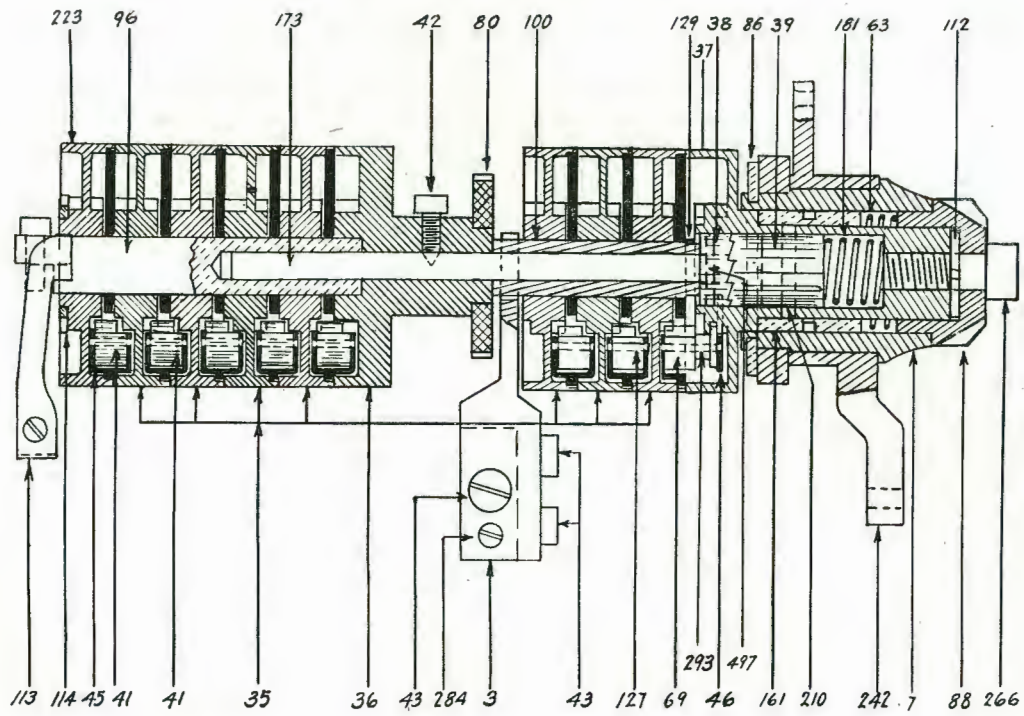
No. 211 Swivel Joint, Right Hand
No. 555 Swivel Joint, Left Hand
No. 568 Kilometer

No. 212 Spring Bracket, Right Hand
No. 657 Spring Bracket, Left Hand

No. 401 34-Tooth Fiber Pinion
No. 402 35-Tooth Fiber Pinion
No. 403 36-Tooth Fiber Pinion
No. 647 33-Tooth Fiber Pinion

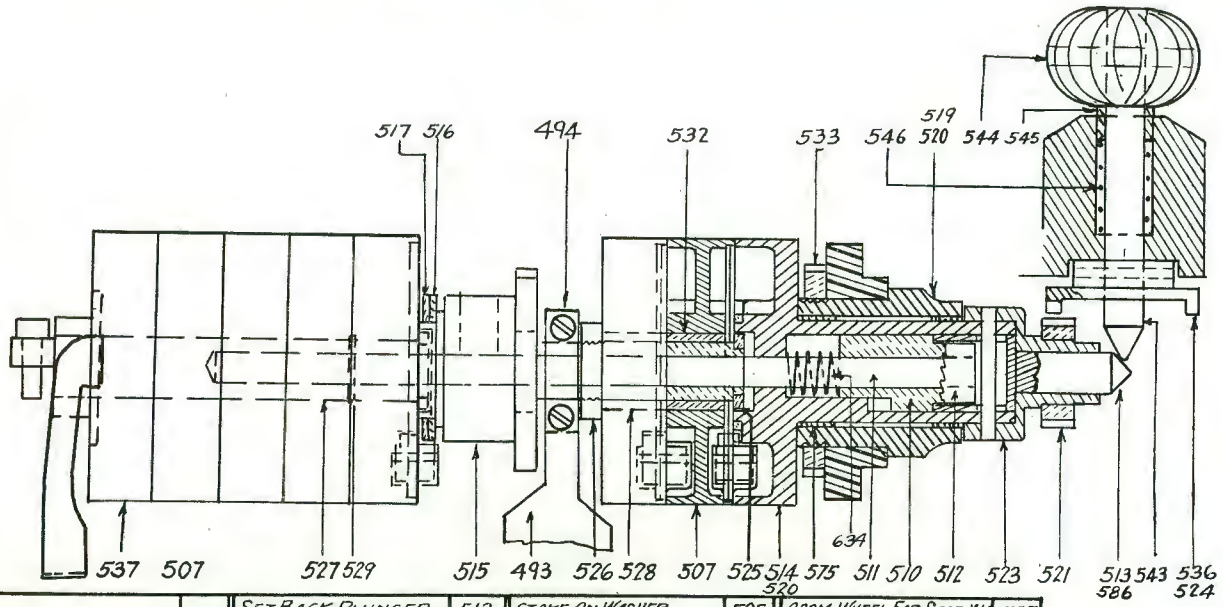
WALTHAM WATCH COMPANY
Waltham, Mass.

WALTHAM ODOMETER, ORIGINAL MODEL



Odometer Support	3	Odometer Support Scw.	43	Lock Washer [Set Back Sl'v	86	Odometer Pinion Sh. No 1	127	Pin-No 39 S.B Clutch	210
		" Pinion Bearing	45	Bevel Gear Cadillac S B	88	Straddle Spring S.B. Pinion	129	Odom. Wheel No 4 for Starr Wh	223
No 1 Odometer Wheel	35	Bridge [Steel Pinion] Trip End	46			Re Set Bush	161	Set Back Lever Cadillac	242
No 2 " "	36			Odometer Shaft Long	96			Crown Screw	266
No 3 " "	37			" " Short	100	Set Back Sleeve	7	Odom. Support Adj. Screw	284
Set Back Clutch No 1	38	Set Back Spiral Spring	63	Lock Washer for Crown Scw.	112			Odom. Pinion Shaft No 2	293
" " " No 2	39	" " Pinion	69	Spring for Starr Wheel	113	Set Back Clutch Stem	173		
Odometer Pinion	41			Starr Wheel for Odometer	114	" " " Spring	181	Clutch Rivet	497
" Shaft Scw.	42	Odometer Worm Gear	80						

WALTHAM ODOMETER, NEW MODEL



		Set Back Plunger	513	Stake On Washer	525	Odom. Wheel For Star Wh.	537
Support For Odometer	493	No. 3 Odometer Pinion	514	Screw Collar	526	Set Back Stem	543
Odometer Support Cap	494	Driving Wheel	515	Odom. Shaft Long	527	Crown Pin	544
No. 1 Odometer Wheel	507	No 1 Odometer Cam	516	" " Short	528	Set Back Stem Bush.	545
		No 2 " "	517	Separating Washers	529	" " " Spring	546
Floating Ratchet	510	Set Back Sleeve	520	Odom. Shaft Bush.	532	Bearing Sleeve	575
Driving Ratchet Stem	511	" " Crown Gear	521	Nut Set Back Sleeve	533	Floating Ratchet Spr.	634
Driving Ratchet	512	" " "	523	Crown Gear	536		

WALTHAM WATCH COMPANY
Waltham, Mass.

SUPPLEMENT TO SPEEDOMETER CATALOG 1919

WALTHAM WATCH COMPANY
WALTHAM, MASS.

PRICES ON PIERCE-ARROW EQUIPMENT, MODEL 1300

Model 1300 Complete Speedometer and Clock, $100.00

374	Speedometer Bezel Model 1300	$ 3.00
402	35-Tooth Driving Pinion	1.25
713	72-Tooth Driving Gear, P. A. 38	2.50
714	80-Tooth Driving Gear, P. A. 48	2.50
720	Collar for Vertical Reset Stem	.25
724	Swivel Joint Bracket, P. A. 48	2.50
725	Bracket Support, P. A. 48	2.50
727	Extension for Set Back Sleeve	1.00
728	Reset Sleeve	.50
733	Cover Plate Assembled	4.00
734	Dust Shield	.15
735	Wing Nut	.15
737	Speedometer Case	4.00
741	Bolt for S. J. Bracket	.25
743	96″ Leather Covered Flexible Shaft Complete, P. A. 48	12.00
744	96″ Leather Covered Casing for 743 Shaft, P. A. 48	7.00
745	96″ Flexible Cable for 743 Shaft, P. A. 48	5.00
746	Bezel for Model 1300 Clock	3.00
747	Speedometer Head Complete with Angle Joint	$61.00
750	Reset Crown	.50
751	Reset Stem Assembled	.50
752	Reset Extension Sleeve Assembled	2.50
753	Reset Crown and Gear Assembled	1.00
754	Swivel Joint Bracket, P. A. 38	2.50
762	Pin for Reset Collar doz.	.15
763	Spring for Reset	.15
772	88 ½ in. Flexible Shaft Complete, P. A. 38	12.00
775	88 ½ in. Leather Covered Casing for 772 Shafts	7.00
776	88 ½ in. Flexible Cable for 772 Shaft	5.00
778	Reset Spring Washers doz.	.35
779	Model 1300 Clock	25.00
780	Strap for Model 1300 Clock	.15
782	Speedometer Movement for Model 1300	40.00
784	Bracket Bolt Assembled	.35
785	32T Driving Pinion, P. A. 38	1.25
802	S. J. Bracket Holding Down Bolt	.25
809	S. J. Bracket Support, P. A. 38	2.50
402	35T Driving Pinion, P. A. 48	1.25

Swivel Joints used on Pierce-Arrow equipment are our standard No. 211.

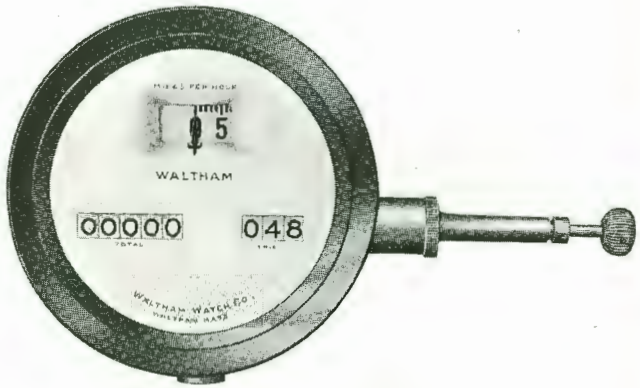
PRICES ON EXCHANGES

700	Packard Movt. Exchange $14.00	$40.00
400	Cadillac Head less Angle Joint Exchange $17.00	58.00
705	Dial Model 700	2.50
687	Reset Plunger Model 700	$0.75
688	Reset Button " 700	.75
689	Reset Button Sleeve " 700	.75
690	Dust Shield " 700	.25

Old Type of Flexible Shafts exchanged for New Type at $6.00

WALTHAM WATCH COMPANY
Waltham, Mass.

No. 779
Clock. Model 1300



No. 747
Speedometer Head
Model 1300

WALTHAM WATCH COMPANY
Waltham, Mass.

No. 746
Bezel for Model 1300 Clock.

No. 780
Metal Strap for Model 1300 Clock.

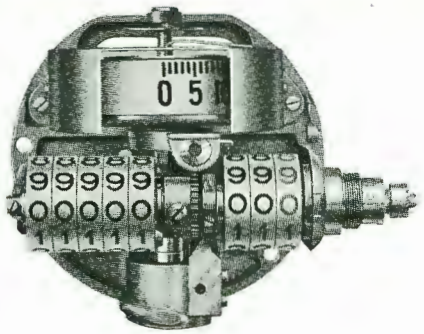
No. 374
Speedometer Bezel.
Model 1300

No. 733
Cover Plate Assembled
Model 1300

Wing Nut
No. 735

No. 737
Speedometer Case.
Model 1300

WALTHAM WATCH COMPANY
Waltham, Mass.



No. 782
Movement. Model 1300

No. 752
Reset Extension Sleeve
Assembled. Model 1300

No. 778
Reset Washer
Model 1300

No. 751
Reset Stem Assembled
Model 1300

No. 750
Reset Crown
Model 1300

No. 720
Collar for Reset Stem
Model 1300

No. 762
Pin for Reset
Stem Collar
Model 1300

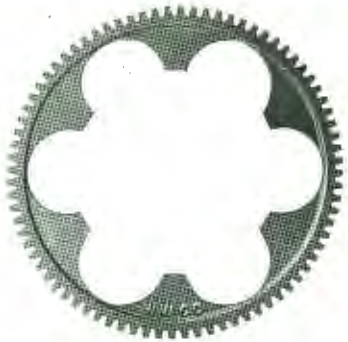
No. 728
Reset Sleeve
Model 1300

No. 763
Reset Spring
Model 1300

No. 753
Reset Crown and
Gear Assembled
Model 1300

No. 727
Extension for Reset Sleeve
Model 1300

WALTHAM WATCH COMPANY
Waltham, Mass.



713 72-Tooth Driving Gear, P. A. 38
714 80-Tooth Driving Gear, P. A. 48

No. 725
725 Bracket Support, P. A. No. 48.
809 Bracket Support, P. A. No. 38.

No. 741
Bolt for
S. J. Bracket, P. A.

772 88½″ Leather Covered Flexible Shaft Complete.
775 88½″ Leather Covered Casing for 772 Shaft.
776 88½″ Flexible Cable for 772 Shaft.
743 96″ Leather Covered Flexible Shaft Complete.
744 96″ Leather Covered Casing for 743 Shaft.
745 96″ Flexible Cable for 743 Shaft.

No. 802
Holding Down Bolt
Assembled
S. J. Bracket, P. A.

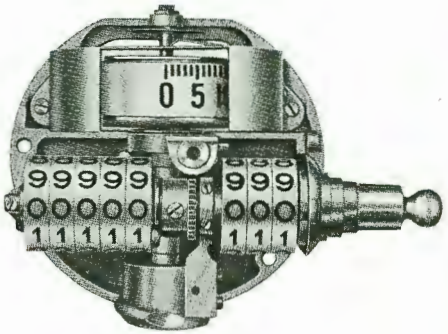
No. 754
Swivel Joint Bracket, P. A. 38

No. 784
S. J. Bracket Bolt Assembled,
P. A.

No. 724
Swivel Joint Bracket, P. A. 48

WALTHAM WATCH COMPANY
Waltham, Mass.

No. 783
Speedometer Head.
Model 400



No. 781
Movement. Model 700

No. 687
Reset Plunger
Model 700

No. 689
Reset Button
Sleeve
Model 700

No. 688
Reset Button
Model 700

No. 734
Dust Shield
Model 1300

No. 690
Dust Shield
Model 700

WALTHAM WATCH COMPANY
Waltham, Mass.