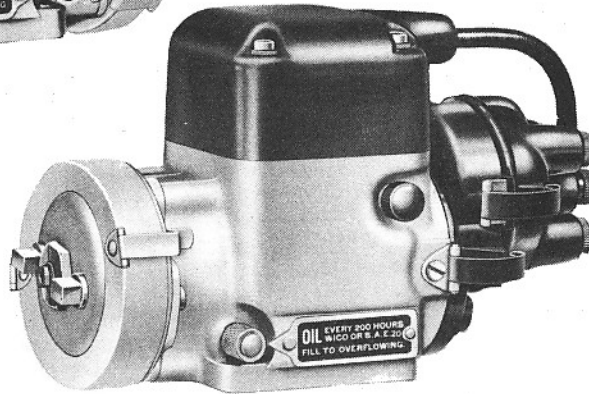
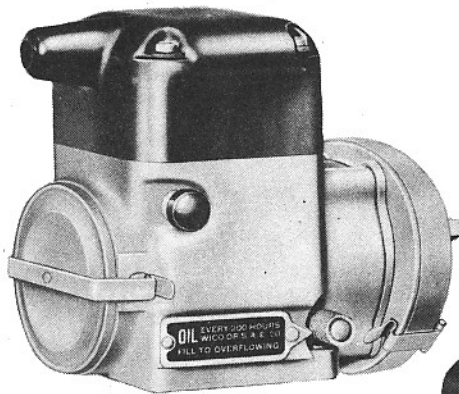


COMPLETE INSTRUCTIONS AND PARTS LIST
FOR CARE AND OPERATION OF

SERIES A WICO MAGNETOS



**WICO-BUILT
IGNITION**

Wico Electric Company
WEST SPRINGFIELD, MASSACHUSETTS

WARRANTY

We warrant each piece of apparatus manufactured by us to be free from defects in material and workmanship under normal use and service. Our obligation under this warranty is limited to the furnishing of any part of said apparatus which shall within a period of ninety (90) days after delivery to the original purchaser, be returned either to one of our authorized service stations, or to the factory, transportation charges prepaid, and which, upon examination by one of our authorized representatives, shall disclose to our satisfaction to have been thus defective.

Any magneto or other piece of apparatus shall not be considered to have been under normal use and service if it appears to have been subjected to misuse, abuse, neglect, or accident, or if it has been repaired or altered outside of our factory so as, in our judgment, to affect its stability or reliability, or if any part not of Wico manufacture has been substituted for a part of Wico manufacture.

This warranty is in lieu of all other warrants, either expressed or implied; and we do not authorize any person or persons to assume for us any other liability in connection with the sale of our equipment; nor are we responsible for any liability for any damage or injury to any person or part resulting directly or indirectly from design, material, workmanship or installation of any of our apparatus.

WARRANTY ADJUSTMENT PROCEDURE

Apparatus assumed to come within the terms of the warranty should be submitted to the nearest authorized Wico Service Station with a formal request for adjustment.

If, upon examination by such authorized representation, the apparatus is found to be actually defective and within the warranty period, it will be placed in proper operating condition and no charge made, either for labor or material.

The term labor does not refer to that involving the removing or installing the apparatus, nor for transportation, duty or tax thereon, but only refers to the actual bench labor on the apparatus itself. Any labor charge other than for such bench labor, is to be borne by the owner, who will be required to sign a warranty Service Report form at the time a warranty adjustment is made. The service station will be reimbursed upon receipt of the warranty service report by the factory.

When the Service Station is in doubt as to the cause of the apparatus being inoperative, the owner shall pay the service station for the material and labor charges, who will forward the units or parts claimed defective to the factory, together with a signed Warranty Service Report form. Upon receipt and examination by the factory of the units or parts and the warranty service report form, the claim will be carefully considered and if in the opinion of the factory the units or parts are found to have been defective credit will be issued to the Service Station for both labor and material and the Service Station will reimburse the owner the amount paid for material and labor.

WICO ELECTRIC COMPANY,
West Springfield, Mass.

The Series A Wico Magneto can be furnished in a wide variety of specifications which include base * or flange mounting; with inclosed impulse on the 45 M. M. shaft height, with adjustable impulse on 45 M. M. shaft height. This feature facilitates easy timing of magneto and is essential on some engines.
* (either 35 M. M. or 45 M. M. shaft height).

The following list prices cover these variations and include as standard equipment such as built-in impulse, stop button or connection for remote control and leads of reasonable length.

Interval between points where firing takes place in cylinders of engine.

A-1 1 cylinder	360°	A-2 2 cylinder	360°-720°
A-R 2 cylinder	180°	A-G 2 cylinder	180°-540°
A-4 4 cylinder	180°		

LIST PRICES SERIES A

For nearly every model A specification there is a corresponding specification which should be used for replacement. For further information, contact an authorized Wico Service Station.

Type	List Price
A-1	\$28.00
A-R	30.00
A-2	33.50
A-4	33.50

These prices apply to either base or flanged mounted magnetos with built-in impulse coupling, with or without dust cover, but without drive gears, float and engine members or lead wires. On units furnished with adjustable impulse coupling add \$1.60 to list price.

SERIES A WICO MAGNETOS

(TYPES A-1, A-R, A-2, A-G and A-4)

INSTALLATION

When installing the Series A WICO magneto on a base mounted application, care should be taken to see that there is a proper alignment between the driving members and the lugs of the magneto drive cup. Before tightening the screws firmly this alignment should be checked by turning over the motor, at the same time ascertaining that the float member has sufficient play endwise during every turn of the cycle. Care should also be taken to be sure that the screws are short enough so that they are clamping the magneto down and not just bottoming in the tapped holes of the magneto.

TIMING TO IMPULSE SPARK

When the impulse spark is to be used in timing the magneto to the engine, and in the absence of other information from the engine manufacturer, first remove the distributor cap. Then turn the magneto shaft over in the proper direction of rotation until the impulse coupling has just tripped. Note which tower of the distributor cap the distributor arm is nearest and the cylinder to which this tower is connected by the spark plug cable; then turn the engine over to top dead center on this cylinder, on the compression stroke, and couple the magneto to the engine.

TIMING TO ADVANCE SPARK

Where the engine flywheel is marked with the position of advance or running spark, usually indicated by IGN, a different procedure is followed.

For multi-cylinder engines, turn the magneto shaft in a direction opposite to its ordinary rotation until the distributor arm is at the tower of the distributor cap to which is connected the spark plug cable leading to cylinder number one. By means of a thin piece of paper between the points, the exact instant of breaker opening can be determined. At this point the magneto is in position where a spark will be delivered to cylinder number one. Turn the engine over until the advance spark mark on the flywheel is correctly located on the compression stroke of cylinder number one and couple the magneto in this position.

On one cylinder engines, the magneto of course has no distributor cap, and is coupled to the engine when the breaker points are just opening and when the piston is in the position of advance spark.

BREAKER POINT OPENING

The breaker point opening should be adjusted to .015", by means of the screw head eccentric acting on the fixed contact. Admission to the breaker box is accomplished by removing the distributor cap and the gear housing on multi-cylinder machines, and by taking off the breaker box cover on the single cylinder.

IMPULSE COUPLING

The impulse coupling is designed to give a spark of high intensity for starting. It automatically cuts out at about 200 RPM. The engine should not be run continuously below this speed, as this would cause an unnatural strain and wear on the impulse parts.

The impulse also provides a retarded spark for starting, automatically advancing it as the engine gets up to speed. Any advance from 5° to 36° beyond impulse spark can be obtained by shifting the position of the impulse stop from one to another of the three holes in the end plate. The end plate as a whole may be shifted in its mounting slot to provide intermediate ranges between the holes.

FLUSHING OF IMPULSE

If the impulse becomes clogged with dirt, the necessity for flushing it is evidenced by the trip arms' failing to engage or disengage, or by sluggishness in the action of the impulse when it trips.

The impulse should be flushed out thoroughly with kerosene, taking care, however, not to allow any of the kerosene to work its way into the magneto housing.

When a dust cover over the impulse is provided on the magneto, it must first be removed by loosening the clips at either side.

LUBRICATION

The magneto is provided with two spring oilers, one on each side of the main housing, so that whichever way the magneto faces the engine, one oiler will always be convenient. Once

every two hundred hours of operation, these oilers should be filled to overflowing with WICO or SAE 20 oil. On multi-cylinder engines it is necessary to lubricate the distributor gears in a similar manner after every 1000 hours of service by removing the oil plug located just below the distributor cap. After every 1000 hours of service it is necessary to re-lubricate the cam oil pad. This is done by removing the pad and squeezing and working into it, some stringy grease. A summer grade of automobile transmission grease will very closely resemble that used at the factory. Do not use ordinary grease.

REMOVAL OF MAGNETO COVER

Pull out the secondary interlead from the cover terminal, loosen the four screws holding the cover to the main housing and pull off the cover. The screws are prevented from being separated from the cover by snap rings.

REMOVAL OF COIL

With the magneto cover off and the breaker box exposed, loosen the screw holding the primary lead to the condenser case in the breaker box. Straighten the curved end of this primary lead so that it will draw through the opening in the housing provided for it. Remove the two screws holding the core clamps with their lock washers. Turn the rotor of the magneto over until the magnetism no longer grips the coil core to the main housing. Pull the coil and the coil core free. *Do not turn the magneto rotor over while the coil core is off: to do this would break the magnetic flux of the rotor and necessitate recharging the magneto.* The coil is held on the coil core by a wedge. If the coil is to be replaced, it will, therefore, be necessary to press with considerable force to remove the coil from the core. Great care should be exercised in avoiding damage to the winding during this operation.

In replacing the coil and coil core be sure the ground surface of the core is against the housing, that the primary to condenser lead is properly located and that the primary ground lead is fastened under the coil core clamp screw.

In the case of the type "A" Wico magneto used on Wisconsin Motor Company engines, a somewhat different procedure is made necessary by the fact that a different style of stopping device for the magneto is used. On these magnetos the primary grounding lead is fastened to the stud on which turns the nut for starting and stopping the engine. To remove the ground lead from the stud, unscrew the knurled nut at the outside of the magneto, taking off the cup and spring underneath it and loosening the nut which holds the stud in place. With this stud loosened it is possible to pull out the primary ground lead from under the head of the stud.

REMOVAL OF CONDENSER

When the breaker box is exposed by removing the gear case in a multi-cylinder machine or by taking off the breaker box cover in the case of a single cylinder magneto, take out the screw holding the primary and ground lead to the bakelite condenser. The entire breaker box may then be removed by unscrewing the two fillister head screws at either side of it, holding it to the main housing. The condenser is then taken from the box by removing the two fillister head screws fastening it down. In replacing the breaker box be sure the locating mark at the top is lined up with the corresponding mark on the magneto housing.

REMOVAL OF DISTRIBUTOR

Wedge the distributor clips out with a screw driver and pull the cap off. The distributor arm can then be pulled directly off its stud.

The cap should be free of any dust or dirt before being re-installed.

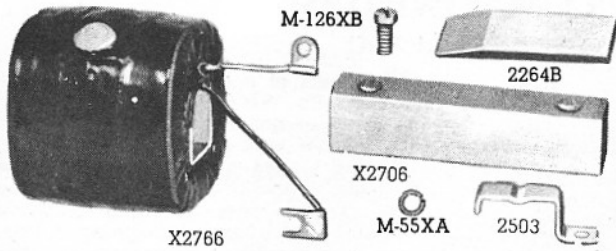
REPLACEMENT OF BREAKER POINTS

It is recommended that if the points need replacing, both the fixed and moving points be replaced at the same time.

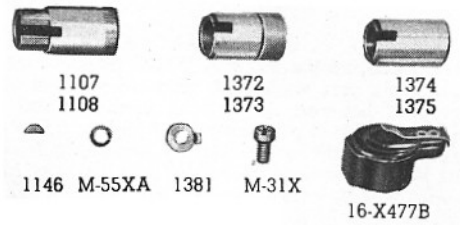
The breaker arm is integral with the spring and spring terminal and the moving contact point. To remove it, take off the breaker arm clamp screw, lock washer and clamp washer and the breaker arm spring terminal screw and lock washer and pull the assembly off the breaker arm pivot.

In reassembling, be sure that the steel breaker arm spacer is in place.

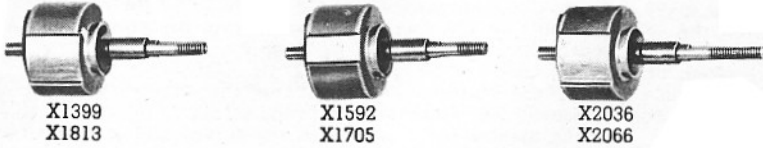
With the breaker arm assembly off, the fixed contact plate may be taken off the breaker arm pivot, after the fixed contact screw has been removed.



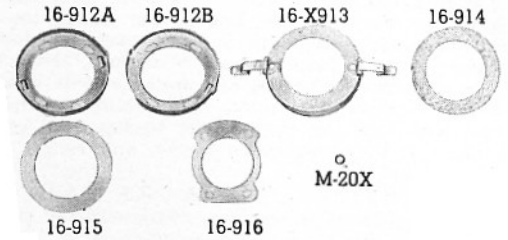
COIL AND COIL CORE UNIT PARTS



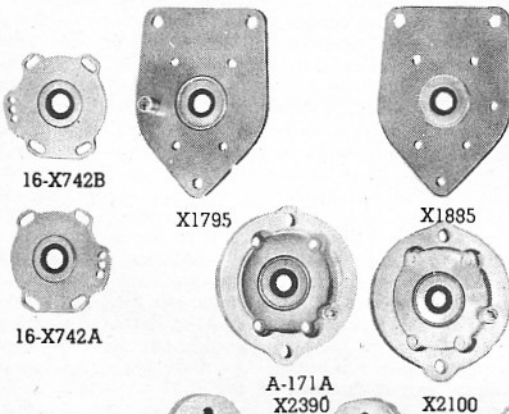
CAM UNIT PARTS



ROTOR ASSEMBLIES



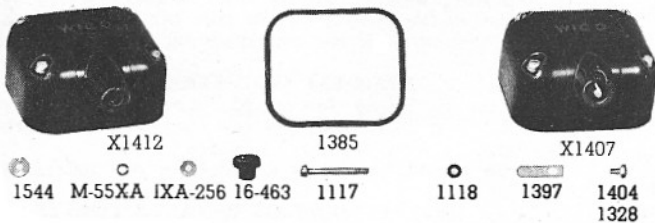
DUST COVER UNIT PARTS



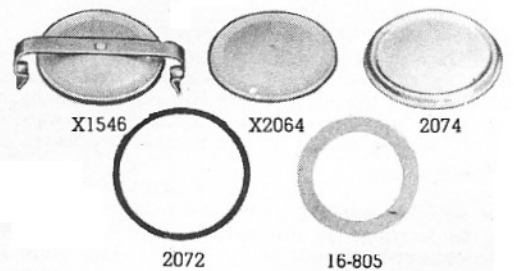
END PLATE UNIT PARTS



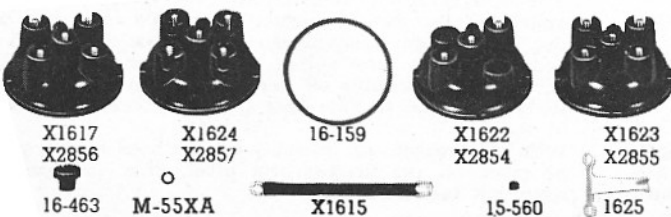
OILING DISC UNIT PARTS



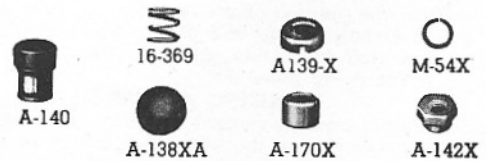
COVER UNIT PARTS



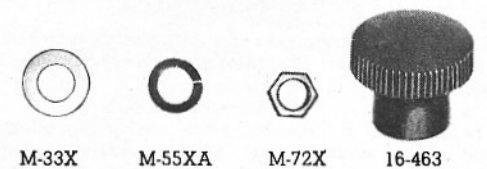
BREAKER BOX COVER UNIT PARTS

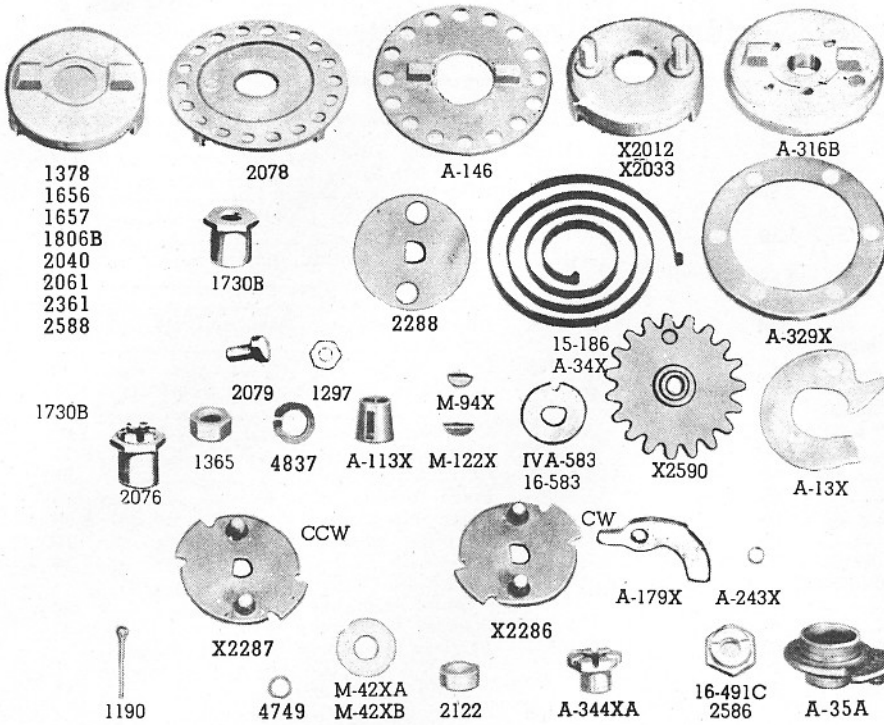


COVER UNIT PARTS

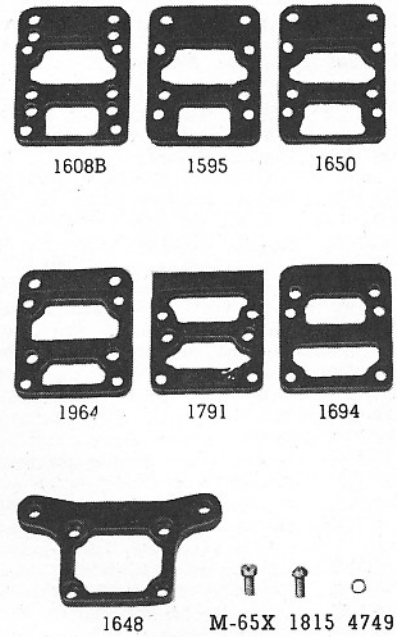


STOP BUTTON UNIT PARTS

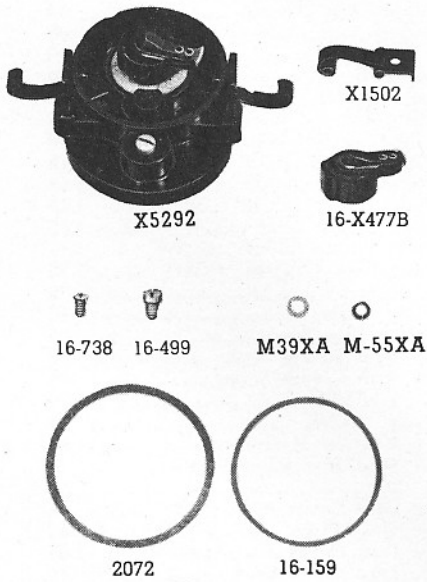




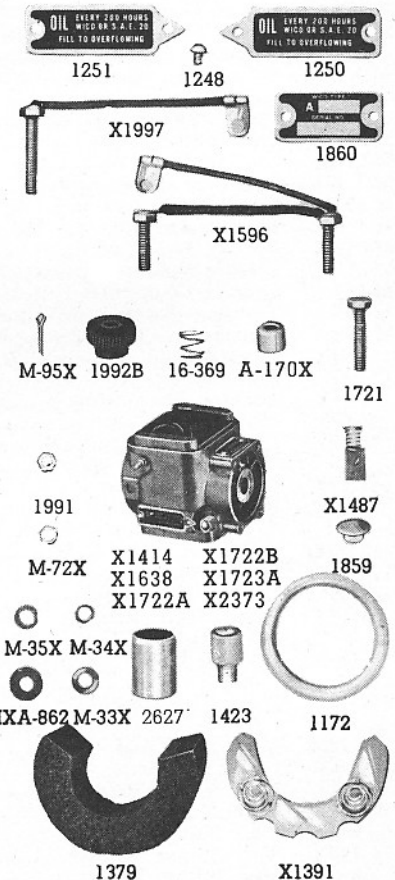
IMPULSE COUPLING UNIT PARTS



ADAPTOR PLATE UNIT PARTS



GEAR HOUSING UNIT PARTS



Service Parts for Series A Wico Magnetos

In Ordering Parts Refer To The Specification And Serial Number Of The Magneto To Insure Correct Parts.

Symbol	Name	List Price	Symbol	Name	List Price
A-6B	Switch Lead 24" long	.75	A-146	Coupling Adjuster Group	\$ 1.60
M-10X	Engine Member (shaft dia. 3/4", No. 5 Woodruff Key 1/8" thick)	2.50	M-151X	End Plate Screw L. W.	.05
M-11X	Engine Member (shaft dia. 3/4", No. 8 Woodruff Key, 3/8" thick)	2.50	16-159	Gear Housing Gasket	.05
M-12X	Engine Member (shaft dia. 5/8", No. 5 Woodruff Key 1/8" thick)	2.50	16-159	Distributor Cap Gasket	.05
M-13X	Engine Member (shaft dia. 5/8", No. 8 Woodruff Key 3/8" thick)	2.50	A-170X	Grounding Sleeve	.10
A-13X	Trip Arm (Special for Stover)	.40	A-171A	End Plate Group (flange mounting for Stover)	4.20
M-16X	Impulse Stop Screw Nut	.05	A-179X	Trip Arm (heavy)	.25
M-20X	Impulse Stop Spacing Washer	.05	A-184X	Impulse Spacing Washer (17/64" thick)	.10
M-23X	Float Member (1 3/4" dia. 55/64" long, 1/4" slots)	1.00	15-186	Drive Spring (regular)	.60
M-31X	Cam Screw	.05	A-243X	Trip Arm Snap Ring (for heavy trip arm)	.05
M-31X	Fixed Contact Screw	.05	A-245X	End Plate Group Special for A-230	1.00
M-31X	Breaker Arm Spring Screw	.05	A-246X	Adaptor Plate used on A-230	.75
M-31X	Breaker Arm Clamp Screw	.05	IXA-256	Cover Screw Washer	.05
M-31X	Breaker Box Screw (Multi-cylinder)	.05	IXA-256	Fixed Contact Screw Washer	.05
A-33X	Oil Seal Included in Flange Mounted End Plate	.40	A-316B	Drive Cup Group (special for Stover)	4.50
M-33X	Ground Stud Washer	.05	A-329X	Coupling Adjuster Locating Ring	.10
M-33X	Ground Connection Clamp Washer	.05	A-344XA	Drive Cup Nut (special for Stover)	.60
A-34X	Drive Spring (Special for Stover)	.80	*A-355	Lead Wire Group 12" (A-1 with hori- zontal terminal)	.40
M-34X	Ground Stud Insulating Bushing	.05	16-369	Primary Grounding Spring	.05
A-35A	Driven Flange Group (Special for Stover, arm not included)	3.00	16-371	Primary Grounding Nut (for Wiscon- sin A-4 Spec. A-241D, and A-1 Spec. A-150A and A-821)	.15
M-35X	Ground Stud Insulating Washer (out- side)	.05	16-449	Oil Plug (for Gear Housing Assem. X1614 and X2086)	.05
M-36X	Terminal Nut Washer (AG)	.05	16-463	Ground Lead Clamp Nut (used sub- sequent to Serial No. 38279)	.15
M-39XA	Oil Plug Gasket (for distributor)	.05	16-463	Terminal Nut	.15
M-42XA	Driven Flange Spacing Washer (.020)	.05	16-480B	Distributor Arm Group	.50
M-42XB	Driven Flange Spacing Washer (1/16" thick)	.05	16-487	Distributor Arm Lock Spring	.05
M-42XC	Oiling Disc Spacing Washer (1/32" thick)	.05	16-491C	Oiling Disc	.05
M-54X	Stop Button Nut L. W.	.05	16-570	Impulse Lock Nut (regular)	.30
M-55XA	Coil Contact Screw L. W.	.05	16-570	Impulse Stop	.20
M-55XA	Cam Screw L. W.	.05	16-583	Drive Cup Spacing Washer (brass)	.10
M-55XA	Coil Core Clamp Screw L. W.	.05	IVA-583	Drive Cup Spacing Washer (steel)	.10
M-55XA	Fixed Contact Screw L. W.	.05	16-X703A	End Plate Group (5-15° CW)	1.15
M-55XA	Breaker Arm Clamp Screw L. W.	.05	16-X703B	End Plate Group (16-26° CW)	1.15
M-55XA	Breaker Box Screw L. W.	.05	16-X703C	End Plate Group (27-36° CW)	1.15
M-55XA	Breaker Arm Spring Screw L. W.	.05	16-X703D	End Plate Group (5-15° CCW)	1.15
M-55XA	Ground Connection Nut L. W.	.05	16-X703E	End Plate Group (16-26° CCW)	1.15
M-55XA	Terminal Screw L. W.	.05	16-X703F	End Plate Group (27-36° CCW)	1.15
M-55XA	Distributor Clip Screw L. W.	.05	16-704	End Plate Screw	.20
A-57X	Impulse Stop	.35	IVA-715	End Plate Gasket	.10
M-58X	Impulse Stop Screw L. W.	.05	16-738	Distributor Clip Screw	.05
M-64X	Adaptor Plate Screw	.05	16-738	Breaker Arm Spring Screw	.05
M-65X	Adaptor Plate Screw	.05	16-738	Breaker Arm Clamp Screw	.05
M-72X	Ground Lead Clamp Nut (used prior to Serial No. 38279)	.05	16-742A	End Plate (CW)	.90
M-72X	Ground Stud Nut	.05	16-742B	End Plate (CCW)	.90
M-87X	Breaker Box Screw (single cylinder) (used prior to Serial No. 40169)	.05	16-805	Breaker Box Cover Gasket	.05
M-90X	Condenser Screw L. W.	.05	IXA-862	Ground Stud Insulating Washer (in- side)	.05
M-94X	Driven Flange Key	.05	16-912A	Impulse Dust Cover Base (CW)	.15
M-95X	Cotter Pin (for 1990)	.05	16-912B	Impulse Dust Cover Base (CCW)	.15
A-113X	Drive Shaft Adaptor (Large S.A.E. Taper)	1.60	16-X913	Impulse Dust Cover Top Assembly	1.05
A-120X	Oil Seal Group (Replacement Group only)	.50	16-914	Impulse Dust Cover Gasket	.10
*16-X121C	Lead Wire Group 12" (A2, AR, AG, A4)	.50	16-915	Impulse Dust Cover Ring	.10
M-122X	Drive Shaft Adaptor Key	.05	16-916	Impulse Dust Cover Plate	.10
M-126XB	Coil Core Clamp Screw	.05	X1004	Lead Wire Group 15" (Wisconsin)	.70
M-126XB	Breaker Box Screw	.05	1107	Cam (R. Cyl. CW)	1.50
M-137X	Impulse Stop Screw L. W.	.05	1108	Cam (R. Cyl. CCW)	1.50
A-138XA	Stop Button	.10	1117	Cover Screw	.05
A-139X	Stop Button Support	.05	1118	Cover Screw Washer	.05
A-140	Stop Button Group	.30	1146	Cam Key	.05
A-142X	Stop Button Nut	.05	1152	Oil Scraper (Part of X1487)	.05
			1153	Oil Scraper Spring (Part of X1487)	.05
			1172	Oil Catcher (Part of Main Housing Unit)	.05
			1190	Drive Cup Nut Cotter	.05
			1194	Cam Oil Pad (Part of Brk. Assem. X1878)	.05
			1196	Fixed Contact	.55

WICO ELECTRIC COMPANY, WEST SPRINGFIELD, MASSACHUSETTS, U. S. A.

Symbol	Name	List Price	Symbol	Name	List Price
1197	Breaker Arm Spacing Washer .....	.05	1791	Adaptor Plate (for Jacobsen A1 and AR model H7, 20" and 24" "Sturdex" Mowers)	\$ 1.50
1207	Breaker Arm Clamp Washer .....	.05	1792	Fixed Contact (Platinum Point)	4.00
1297	Coupling Adjuster Nut .....	.05	1806B	Drive Cup ($\frac{5}{8}$ " lugs for std. flange mounting)	2.30
1328	Terminal Screw (vertical terminal, see also 1404) .....	.05	X1813	Rotor Assembly (special for Stover A2)	8.60
1365	Drive Shaft Adaptor Nut (for Penn. Lawnmower) .....	.10	1815	Adaptor Plate Screw (special for Hercules) .....	.10
1372	Cam (A1 and A2, CW)	1.35	X1862	End Plate Group (flange mounted 20° CCW)	1.10
1372	Cam (A1 and A2, CCW)	1.35	X1878	Breaker Assembly	5.50
1374	Cam (AG and A4, CW)	1.35	X1974	End Plate Group (flange mounted 35° CCW)	3.90
1375	Cam (AG and A4, CCW)	1.35	1990	Primary Ground Stud (for Wisconsin A4, Spec. 241E and A1 Spec. A-150B only) .....	.15
1379	Main Oil Pad .....	.10	1991	Primary Ground Stud Nut (for Wisconsin A4 Spec. A-241E and A1 Spec. A-150B only) .....	.05
1381	Cam Screw Lock Plate .....	.05	1992B	Stop Nut (for Wisconsin A4 Spec. A-241F and A1 Spec. A-150B only) .....	.20
1383	Condenser Screw .....	.05	X2012	Drive Cup Group (sprocket mounting) (First used on Canadian Fairbanks Morse Spec. A-940)	2.40
1384	Coil Core Clamp .....	.05	X2021	Breaker Box Assembly (Except G cylinder use X2092)	10.50
1385	Cover Gasket .....	.10	X2022	Breaker Arm Group (platinum point)	4.50
1397	Coil Contact .....	.05	X2036	Rotor Assembly (for Hercules Spec. A-757)	8.60
X1399	Rotor Assembly (Multi-cylinder)	7.80	2040	Drive Cup (Wisconsin Spec. 791 and Hercules Spec. 757)	2.50
1404	Terminal Screw (horizontal terminal, see also 1328) .....	.05	X2054	End Plate Group (flange mounting 14° CW)	3.90
X1407	Cover Unit (vertical terminal, includes gasket cover screws, etc.)	2.00	2061A	Drive Cup ($\frac{5}{8}$ " lugs, first used on Continental)	2.50
X1408	Breaker Arm Group	1.30	X2066	Rotor Assembly (for Wisconsin, Spec. A-791)	8.60
X1412	Cover Unit (horizontal terminal, includes gasket cover screws, etc.)	2.00	2072	Breaker Box Cover Gasket (new style)	.05
X1413	Condenser Group	1.75	2072	Gear Housing Gasket (new style) .....	.05
X1414	Main Housing Unit (multi-cyl.)	10.00	2073	Breaker Box Screw .....	.05
1418	Breaker Arm Spacer .....	.05	2074	Breaker Box Cover (new style) .....	.20
1423	Oiler .....	.15	X2075	Breaker Box Cover Clip Assembly .....	.25
X1487	Oil Scraper Assembly .....	.10	2076	Impulse Lock Nut (for Wisconsin Spec. 791 and Hercules Spec. 757)	.75
X1502	Distributor Cap Clip Assembly (part of X1614) .....	.25	2078	Drive Cup, Adjustable (for heavy trip arms)	3.00
X1503	Gear Housing Clip Assembly .....	.25	2079	Coupling Adjustor Bolt (for heavy trip arms) .....	.10
1533	Condenser Case Gasket .....	.05	X2089	Breaker Box Cover Group (includes gasket) .....	.25
1544	Coil Contact Screw Nut .....	.05	X2092	Breaker Box Assembly (G cylinder only) (platinum point)	10.00
X1546	Breaker Box Cover Unit (Used prior to Serial No. 40169) .....	.10	X2100	End Plate Group (for Wisconsin Spec. 791)	2.90
1579	Breaker Box Screw Washer (for A1)	.05	2121	Impulse Spacer .....	.10
1580	Breaker Box Screw Gasket .....	.05	2122	Driven Flange Spacer .....	.10
X1592	Rotor Assembly (single cylinder)	8.15	X2175	Breaker Box Group (includes only eccentric and stud)	1.15
1595	Adaptor Plate (standard S.A.E. dimensions, for A1, AR, A2, AG and A4)	1.75	2264B	Coil Wedge .....	.05
X1596	Ground Stud Group (2 screws connecting wire and breaker lead) .....	.45	2273	Impulse Gear (used on Wisconsin A-791D)	Net 1.70
1607	Adaptor Plate (for International Harvester A4)	1.10	2286	Driven Flange Group .....	.55
1608B	Adaptor Plate (for LeRoi A1, A2 and A4)	1.85	X2287	Driven Flange Group (CCW) (Special for Novo) .....	.55
X1615	Secondary Interlead Group .....	.35	2288	Drive Spring Retainer .....	.05
X1617	Distributor Cap Group (A4)	2.25	X2373	Main Housing Unit (Used on A-230)	10.00
X1622	Distributor Cap Group (A2 and AR)	2.25	X2398	Ground Stud to Breaker Lead (Wisconsin) .....	.20
X1623	Distributor Cap Group (AG)	2.25	X2529	End Plate Group (flange mounting 35° CW)	3.90
X1624	Distributor Cap Group (A4, inverted towers)	2.25	2586	Impulse Lock Nut (First used on Hercules Spec. A-970)	1.00
1625	Distributor Ground Strip (for AG) .....	.05	X2599	End Plate Group (First used on Hercules Spec. A-970)	4.00
X1638	Main Housing Unit (single cylinder)	10.00	X2706	Coil Core Group .....	.40
1648	Adaptor Plate (for Jacobsen A1, Model H6, 24" and 34" Estate Mowers)	1.50	X2754	Lead Wire Group .....	.55
1650	Adaptor Plate (for Hercules A4)	1.50	X2766	Coil Group	4.65
1657	Drive Cup (for use with dust cover and heavy trip arms, CW and CCW)	2.30	X2838	Gasket Kit .....	.35
1694	Adaptor Plate (for Novo A1)	1.50			
X1700	Distributor Cap Clip Assembly (AR)	.25			
X1705	Rotor Assembly	8.65			
1721	Primary Stud (for Wisconsin A4 Spec. A-241D and A1 Spec. A-150A, A-821 only) .....	.05			
X1722A	Main Housing Unit (for Wisconsin A4, Spec. 241D only)	10.00			
X1722B	Main Housing Unit (for Wisconsin A4, Spec. A-241E only)	10.00			
X1732A	Main Housing Unit (for Wisconsin A1 Spec. A-150B only)	10.00			
1730B	Impulse Lock Nut (for Novo, Spec. A-613, A-614, A-624, A-741) .....	.35			
1760	Coil Gasket .....	.05			
X1788	End Plate Group (flange mounted 20° CW)	4.00			

