

## **1946-1956 Scott-Atwater Service Manual – Fourth Edition**

Thanks for doing business with us. We are private concern focusing on restoring old tired iron to sleek running condition. You can learn more about us on the Internet at:

This service manual on CD is broken up into two parts: Volume I and Volume 2.

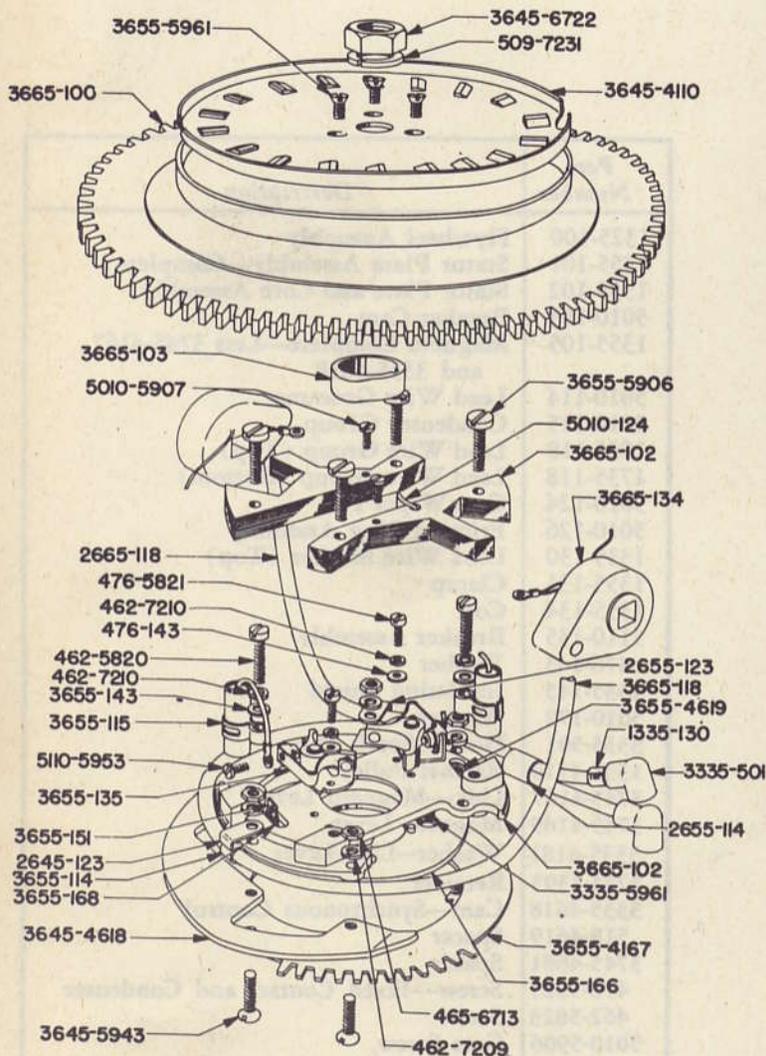
This is the title and index page of Volume 2, which covers the following topics:

- Section E– Ignition information
- Section F – Powerhead information
- Section G – Lower Unit information
- Section H – Powerhead Support information
- Section I – Accessories and Tools
- Section J – Motor Specifications of Other Brands

Good luck and enjoy the manual. We hope it helps you enjoy the fine hobby/avocation of working with vintage and antique outboard motors.

## MAGNETO—3665

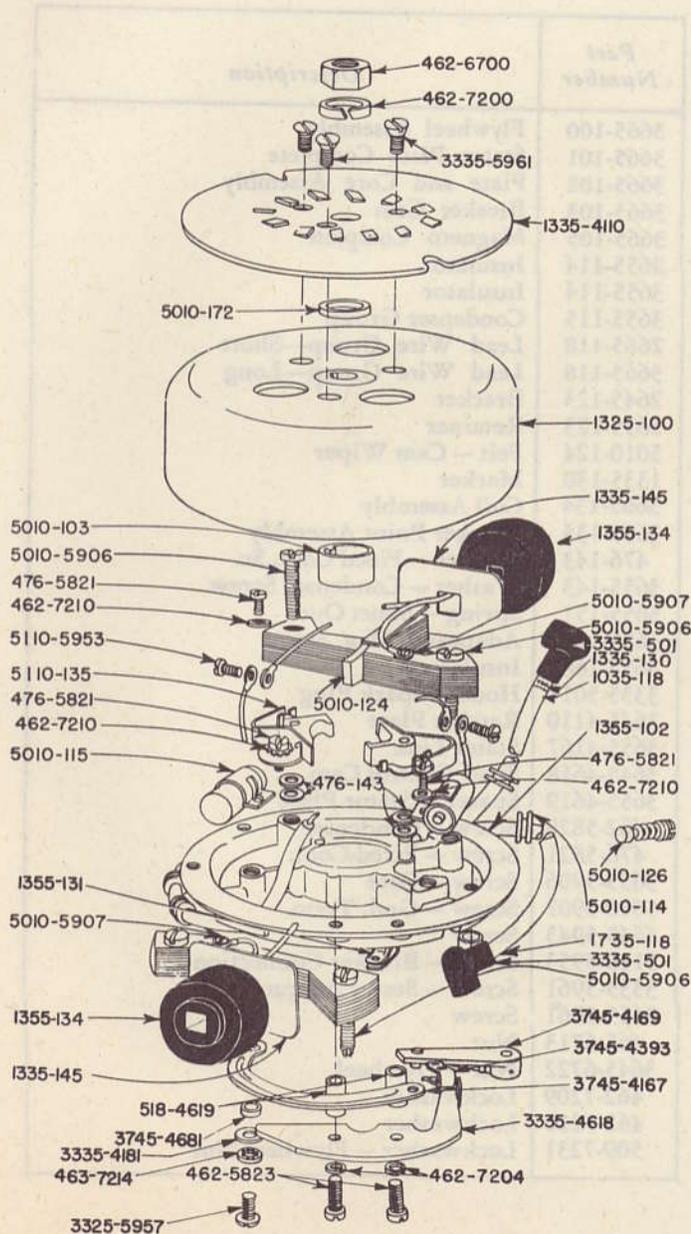
This Magneto is used on Scott-Atwater 33HP Motors above Serial Number 36653317 Manual Starting Models, and Serial Number 3665-3-3127 Electric Starting Models.



Part Number	Description
3665-100	Flywheel Assembly
3665-101	Stator Plate Complete
3665-102	Plate and Core Assembly
3665-103	Breaker Cam
3665-105	Magneto Complete
2655-114	Insulator
3655-114	Insulator
3655-115	Condenser Group
2665-118	Lead Wire Group—Short
3665-118	Lead Wire Group—Long
2645-123	Bracket
2655-123	Retainer
5010-124	Felt — Cam Wiper
1335-130	Marker
3665-134	Coil Assembly
3655-135	Breaker Point Assembly
476-143	Washer — Fixed Cont. Sc.
3655-143	Washer — Condenser Screw
3655-151	Spring — Short Out.
3655-166	Adaptor — Mag. Stator
3655-168	Insulator
3335-501	Hood — Spark Plug
3645-4110	Ratchet Plate
3655-4167	Stator Link
3645-4618	Sync. Control Cam
3655-4619	Spacer — Stator Plate
462-5820	Screw — Condenser
476-5821	Screw — Fixed Cont.
3655-5906	Screw — Core
5010-5907	Screw — Gnd. Term.
3645-5943	Screw
5110-5953	Screw — Breaker Connection
3335-5961	Screw — Stator Adaptor
3655-5961	Screw
465-6713	Nut
3645-6722	Nut — Flywheel
462-7209	Lockwasher
462-7210	Lockwasher
509-7231	Lockwasher — Flywheel Nut

Early 3665 models use 3655 Magneto with 3655-134 Coil Assy

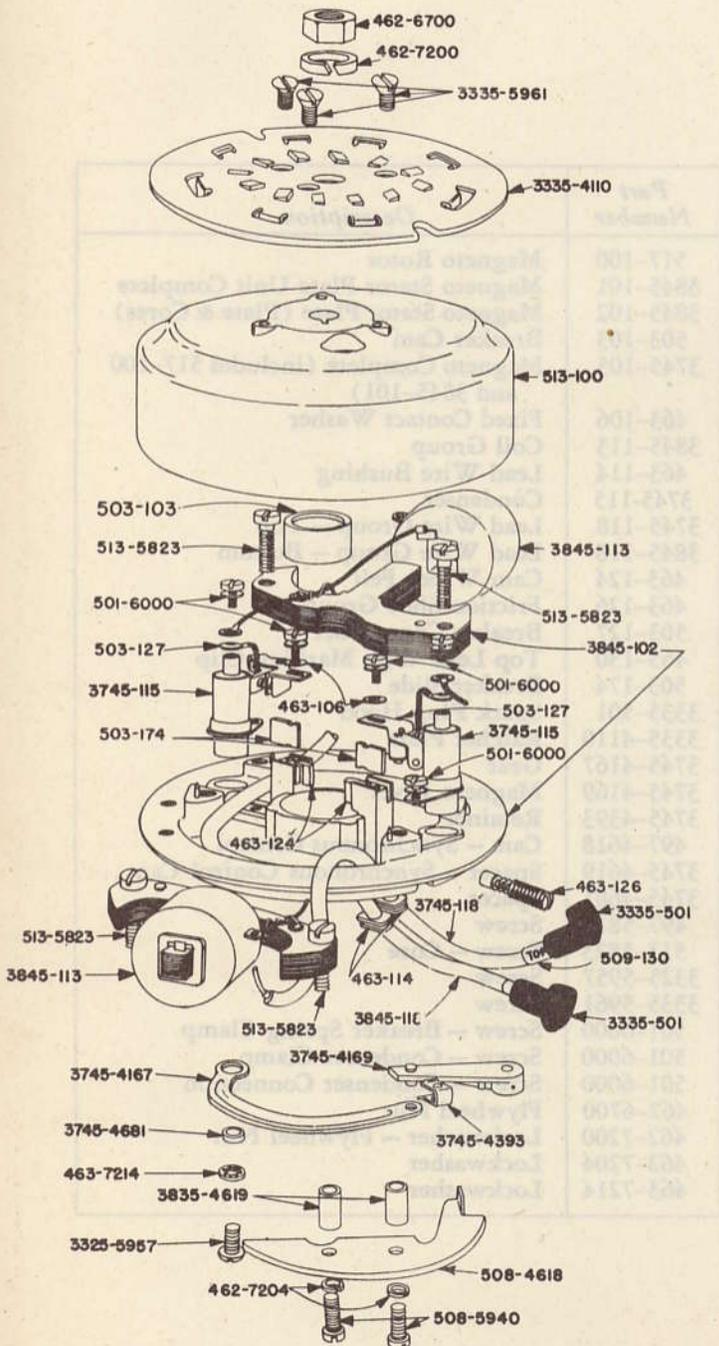
**MAGNETO-3365**



Part Number	Description
1325-100	Flywheel Assembly
1355-101	Stator Plate Assembly—Complete
1355-102	Stator Plate and Core Assembly
5010-103	Breaker Cam
1355-105	Magneto Complete—Less 3745-4167 and 3335-4618
5010-114	Lead Wire Grommet
5010-115	Condenser Group
1035-118	Lead Wire Group (Top)
1735-118	Lead Wire Group (Bottom)
5010-124	Cam Wiper Felt
5010-126	Friction Plug Assembly
1335-130	Lead Wire Marker (Top)
1355-131	Clamp
1355-134	Coil
5110-135	Breaker Assembly
476-143	Washer
1335-145	Insulating Shield
5010-172	Washer
3335-501	Hood—Spark Plug
1335-4110	Ratchet Pulley
3745-4167	Link—Magneto Lever
3745-4169	Magneto Lever
3335-4181	Washer—Link Lever
3745-4393	Retainer
3335-4618	Cam—Synchronous Control
518-4619	Spacer
3745-4681	Spacer
476-5821	Screw—Fixed Contact and Condenser
462-5823	Screw
5010-5906	Core Screw
5010-5907	Ground Terminal Screw
5110-5953	Breaker Connection Screw
3325-5957	Screw
3335-5961	Screw
462-6700	Flywheel Nut
462-7200	Lock Washer—Flywheel Nut
462-7204	Lock Washer
462-7210	Lock Washer
463-7214	Lockwasher

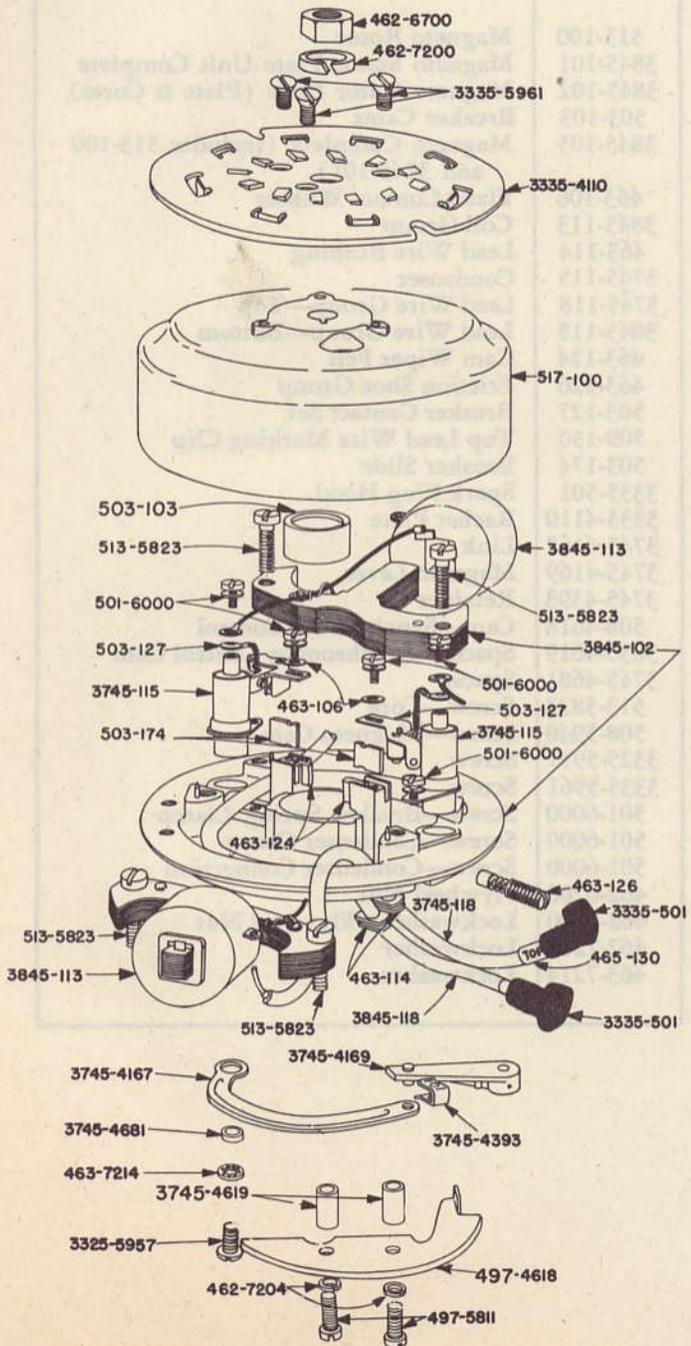
(MAGNETO — 3955 P40)

# MAGNETO — 3855



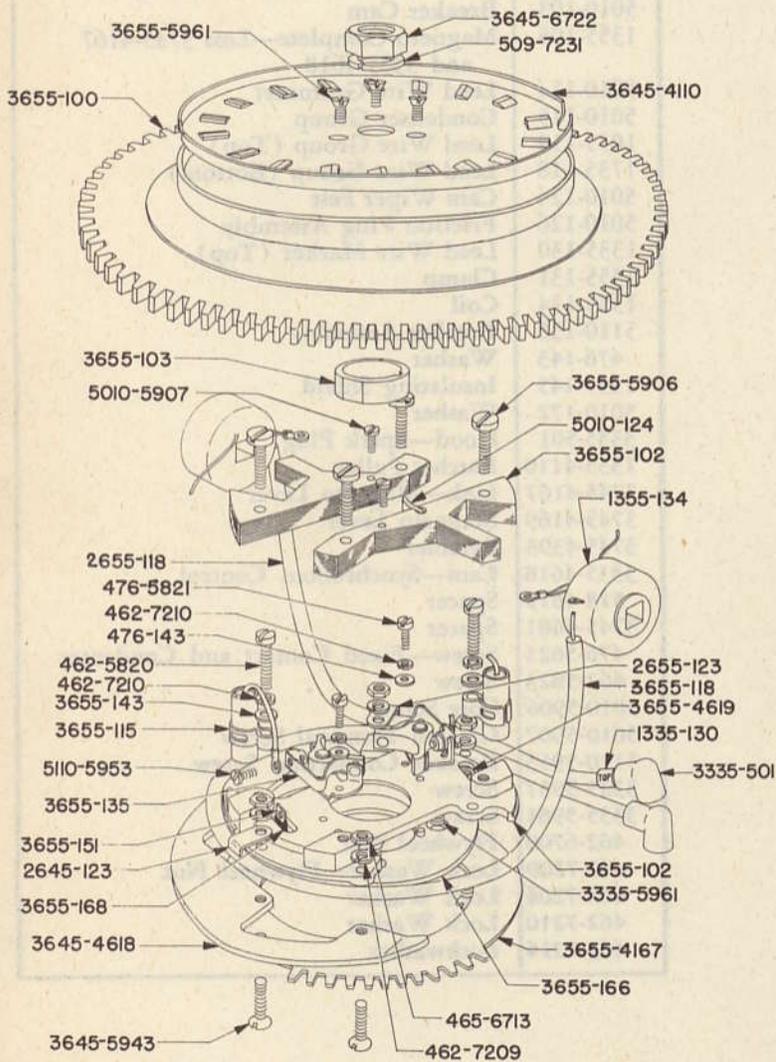
Part Number	Description
513-100	Magneto Rotor
3845-101	Magneto Stator Plate Unit Complete
3845-102	Magneto Stator Plate (Plate & Cores)
503-103	Breaker Cams
3845-105	Magneto Complete (includes 513-100 and 3845-101)
463-106	Fixed Contact Washer
3845-113	Coil Group
463-114	Lead Wire Bushing
3745-115	Condenser
3745-118	Lead Wire Group—Top
3845-118	Lead Wire Group—Bottom
463-124	Cam Wiper Felt
463-126	Friction Shoe Group
503-127	Breaker Contact Set
509-130	Top Lead Wire Marking Clip
503-174	Breaker Slide
3335-501	Spark Plug Hood
3335-4110	Ratchet Plate
3745-4167	Link
3745-4169	Magneto Lever
3745-4393	Retainer
508-4618	Cam—Synchronous Control
3835-4619	Spacer—Synchronous Control Cam
3745-4681	Spacer
513-5823	Screw—Core
508-5940	Screw—Magneto Cam
3325-5957	Screw
3335-5961	Screw
501-6000	Screw—Breaker Spring Clamp
501-6000	Screw—Condenser Clamp
501-6000	Screw—Condenser Connection
462-6700	Flywheel Nut
462-7200	Lockwasher—Flywheel Nut
462-7204	Lockwasher
463-7214	Lockwasher

# MAGNETO - 3755



Part Number	Description
517-100	Magneto Rotor
3845-101	Magneto Stator Plate Unit Complete
3845-102	Magneto Stator Plate (Plate & Cores)
503-103	Breaker Cam
3745-105	Magneto Complete (includes 517-100 and 3845-101)
463-106	Fixed Contact Washer
3845-113	Coil Group
463-114	Lead Wire Bushing
3745-115	Condenser
3745-118	Lead Wire Group - Top
3845-118	Lead Wire Group - Bottom
463-124	Cam Wiper Felt
463-126	Friction Shoe Group
503-127	Breaker Contact Set
465-130	Top Lead Wire Marking Clip
503-174	Breaker Slide
3335-501	Spark Plug Hood
3335-4110	Ratchet Plate
3745-4167	Gear
3745-4169	Magneto Lever
3745-4393	Retainer
497-4618	Cam - Synchronous Control
3745-4619	Spacer - Synchronous Control Cam
3745-4681	Spacer
497-5811	Screw
513-5823	Screw - Core
3325-5957	Screw
3335-5961	Screw
501-6000	Screw - Breaker Spring Clamp
501-6000	Screw - Condenser Clamp
501-6000	Screw - Condenser Connection
462-6700	Flywheel Nut
462-7200	Lockwasher - Flywheel Nut
462-7204	Lockwasher
463-7214	Lockwasher

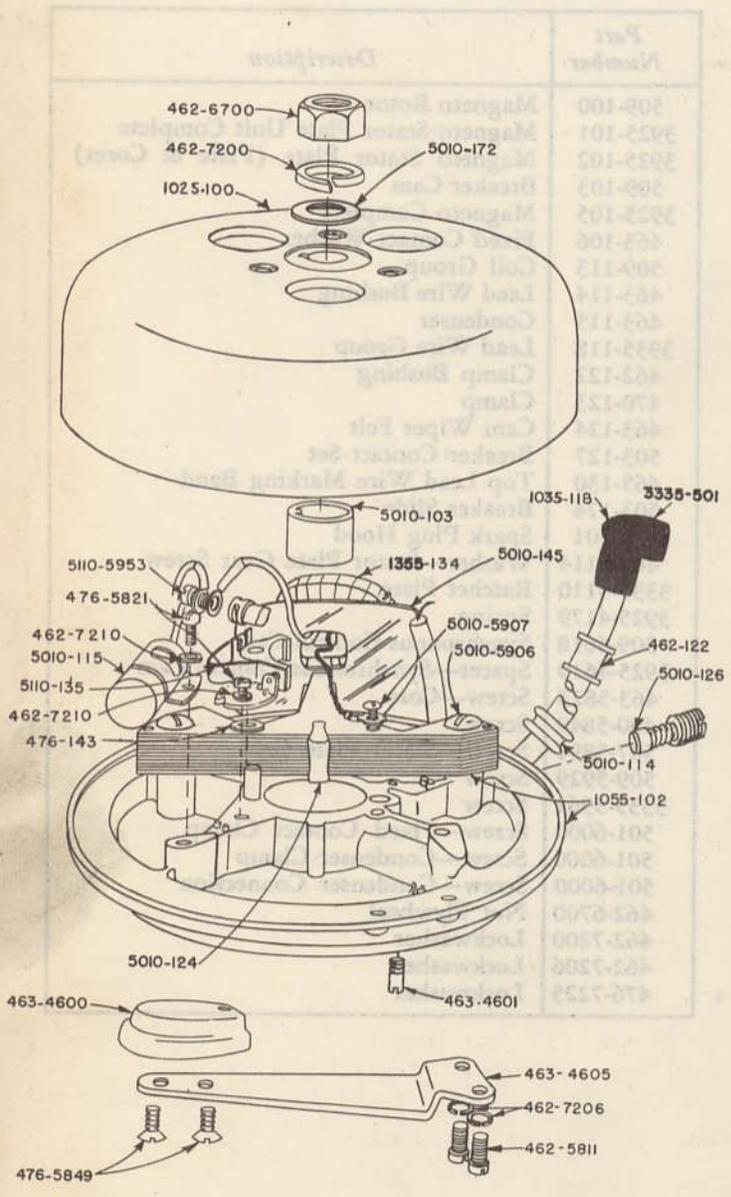
# MAGNETO — 3655



Part Number	Description
3655-100	Flywheel Assembly
3655-101	Stator Plate Complete
3655-102	Plate and Cone Assembly
3655-103	Breaker Cam
3655-105	Magneto Complete
3655-115	Condenser Group
2655-118	Lead Wire Group
3655-118	Lead Wire Group
2645-123	Bracket
2655-123	Retainer
5010-124	Felt—Cam Wiper
1335-130	Marker
1355-134	Coil Assembly
3655-135	Breaker Point Assembly
476-143	Washer—Fixed Cont. Sc.
3655-143	Washer—Condenser Screw
3655-151	Spring—Short Out.
3655-166	Adaptor—Mag. Stator
3655-168	Insulator
3335-501	Hood—Spark Plug
3645-4110	Ratchet Plate
3655-4167	Stator Link
3645-4618	Sync. Control Cam
3655-4619	Spacer—Stator Plate
462-5820	Screw—Condenser
476-5821	Screw—Fixed Cont.
3655-5906	Screw—Cone
5010-5907	Screw—Gnd. Term.
3645-5943	Screw
5110-5953	Screw—Breaker Connection
3335-5961	Screw—Stator Adaptor
3655-5961	Screw
465-6713	Nut
3645-6722	Nut—Flywheel
462-7209	Lockwasher
462-7210	Lockwasher
509-7231	Lockwasher—Flywheel Nut

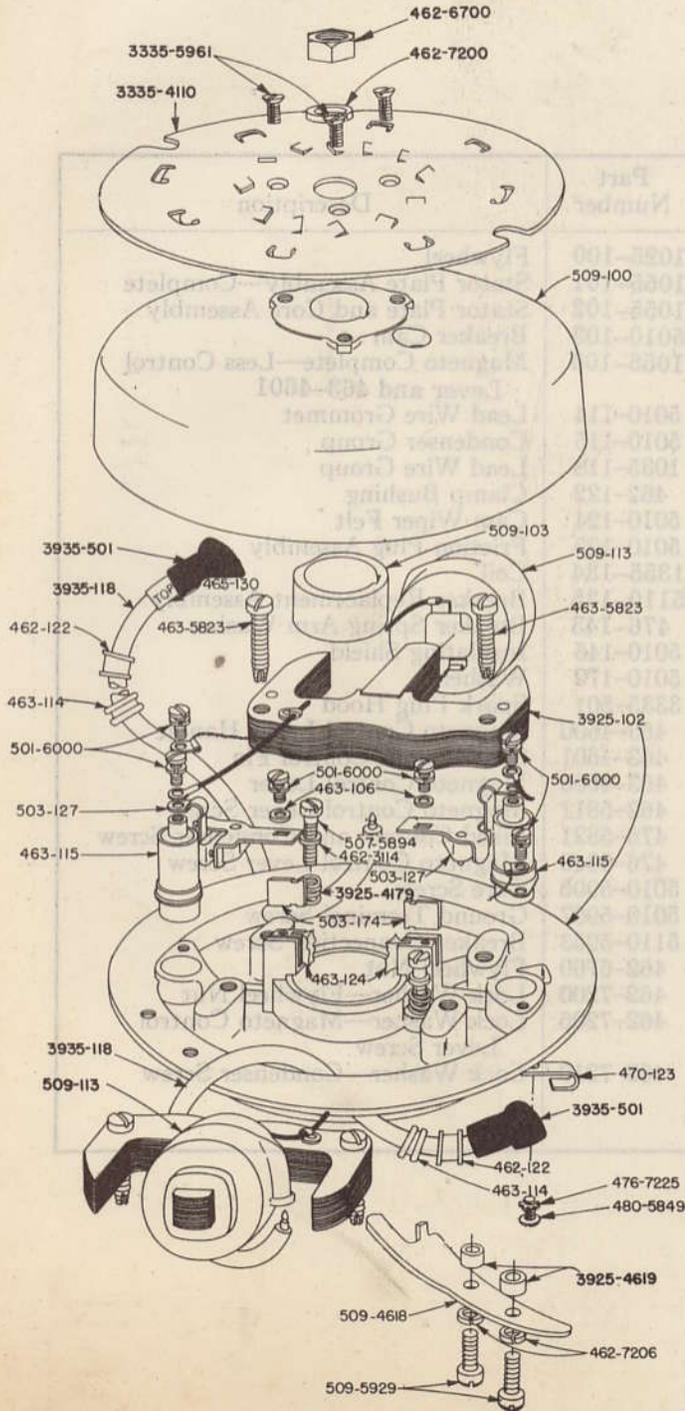


# MAGNETO - 3055



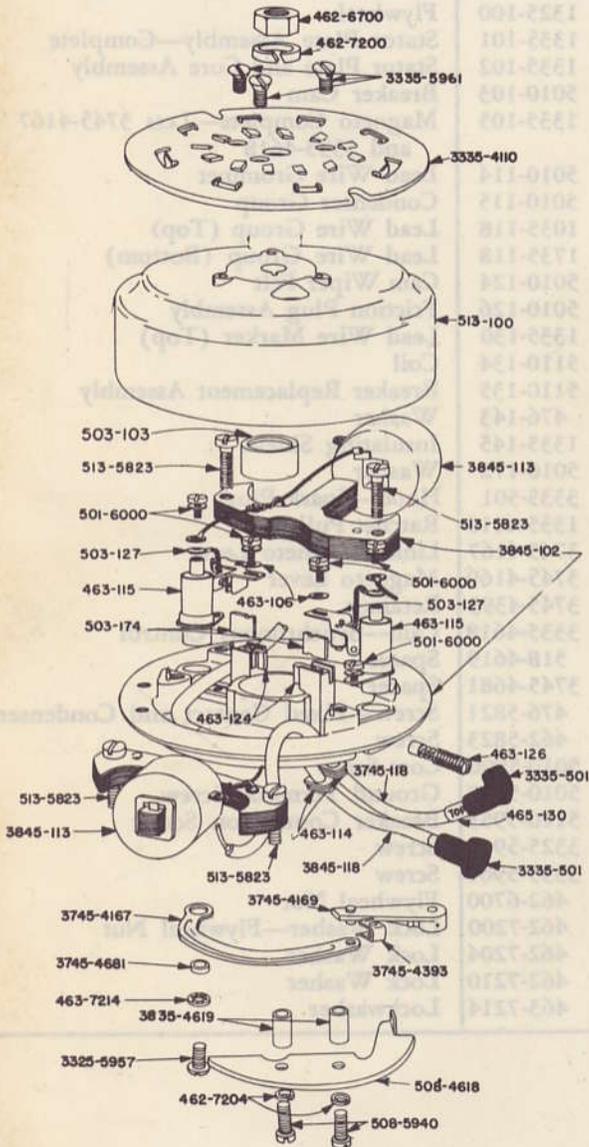
Part Number	Description
1025-100	Flywheel
1055-101	Stator Plate Assembly—Complete
1055-102	Stator Plate and Core Assembly
5010-103	Breaker Cam
1055-105	Magneto Complete—Less Control Lever and 463-4601
5010-114	Lead Wire Grommet
5010-115	Condenser Group
1035-118	Lead Wire Group
462-122	Clamp Bushing
5010-124	Cam Wiper Felt
5010-126	Friction Plug Assembly
1355-134	Coil
5110-135	Breaker Replacement Assembly
476-143	Breaker Spring Arm Washer
5010-145	Insulating Shield
5010-172	Washer
3335-501	Spark Plug Hood
463-4600	Magneto Control Lever Handle
463-4601	Synchronous Control Pin
463-4605	Magneto Control Lever
462-5811	Magneto Control Lever Screw
476-5821	Fixed Contact and Condenser Screw
476-5849	Magneto Control Lever Screw
5010-5906	Core Screw
5010-5907	Ground Terminal Screw
5110-5953	Breaker Connection Screw
462-6700	Flywheel Nut
462-7200	Lock Washer—Flywheel Nut
462-7206	Lock Washer—Magneto Control Lever Screw
462-7210	Lock Washer—Condenser Screw

# MAGNETO - 3945



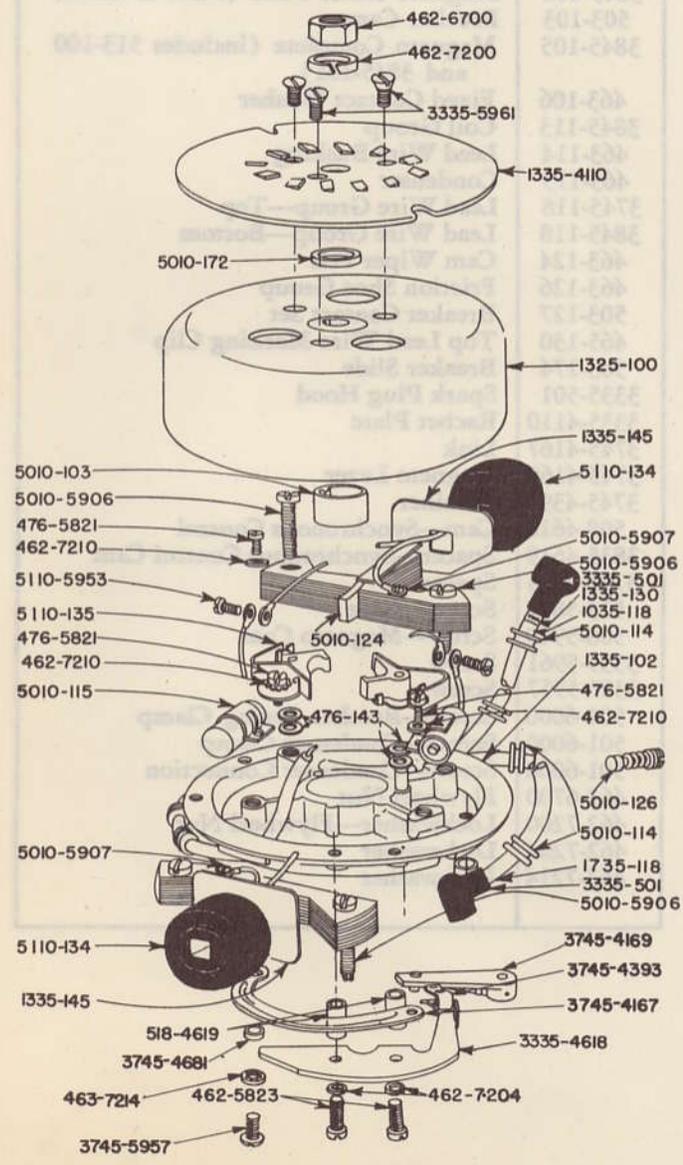
Part Number	Description
509-100	Magneto Rotor
3925-101	Magneto Stator Plate Unit Complete
3925-102	Magneto Stator Plate (Plate & Cores)
509-103	Breaker Cam
3925-105	Magneto Complete
463-106	Fixed Contact Washer
509-113	Coil Group
463-114	Lead Wire Bushing
463-115	Condenser
3935-118	Lead Wire Group
462-122	Clamp Bushing
470-123	Clamp
463-124	Cam Wiper Felt
503-127	Breaker Contact Set
465-130	Top Lead Wire Marking Band
503-174	Breaker Slide
3935-501	Spark Plug Hood
462-3114	Washer—Stator Plate Gear Screw
3335-4110	Ratchet Plate
3925-4179	Spring
509-4618	Synchronous Control Cam
3925-4619	Spacer—Synchronous Control Cam
463-5823	Screw—Core
480-5849	Screw
507-5894	Screw—Stator Plate Gear
509-5929	Screw
3335-5961	Screw
501-6000	Screw—Fixed Contact Clamp
501-6000	Screw—Condenser Clamp
501-6000	Screw—Condenser Connection
462-6700	Nut Flywheel
462-7200	Lockwasher
462-7206	Lockwasher
476-7225	Lockwasher

# MAGNETO - 3845



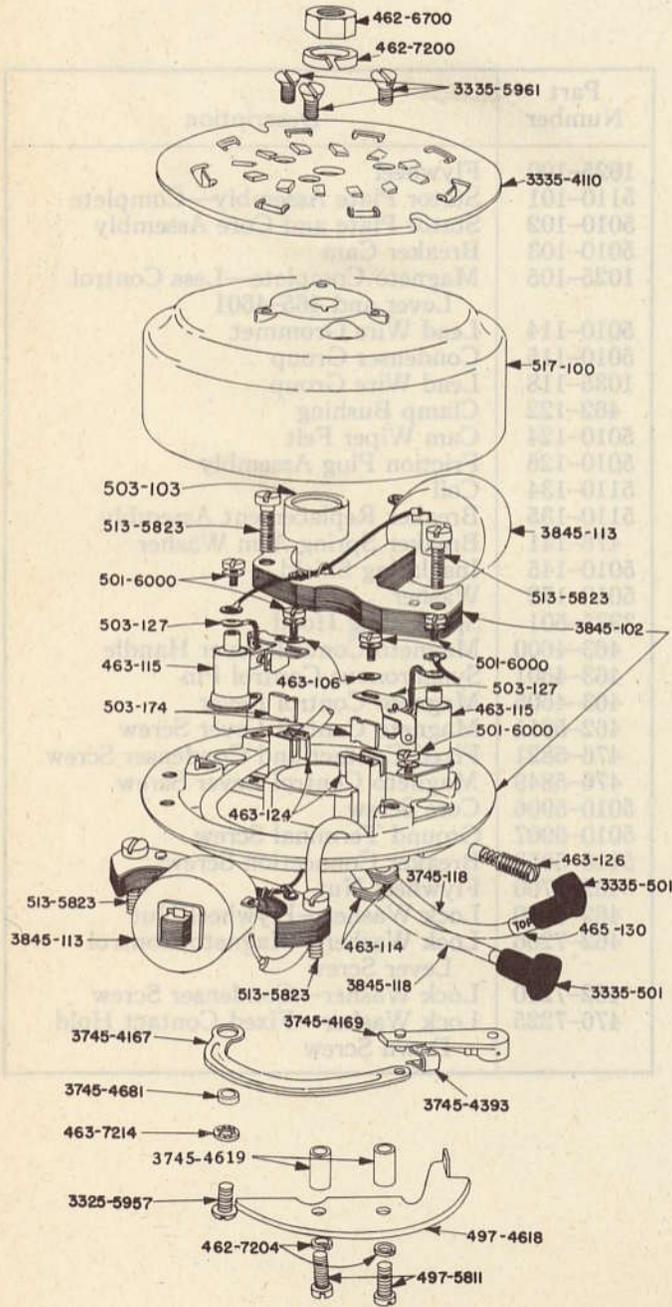
Part Number	Description
513-100	Magneto Rotor
3845-101	Magneto Stator Plate Unit Complete
3845-102	Magneto Stator Plate (Plate & Cores)
503-103	Breaker Cams
3845-105	Magneto Complete (includes 513-100 and 3845-101)
463-106	Fixed Contact Washer
3845-113	Coil Group
463-114	Lead Wire Bushing
463-115	Condenser
3745-118	Lead Wire Group—Top
3845-118	Lead Wire Group—Bottom
463-124	Cam Wiper Felt
463-126	Friction Shoe Group
503-127	Breaker Contact Set
465-130	Top Lead Wire Marking Clip
503-174	Breaker Slide
3335-501	Spark Plug Hood
3335-4110	Ratchet Plate
3745-4167	Link
3745-4169	Magneto Lever
3745-4393	Retainer
508-4618	Cam—Synchronous Control
3835-4619	Spacer—Synchronous Control Cam
3745-4681	Spacer
513-5823	Screw—Core
508-5940	Screw—Magneto Cam
3335-5961	Screw
3325-5957	Screw
501-6000	Screw—Breaker Spring Clamp
501-6000	Screw—Condenser Clamp
501-6000	Screw—Condenser Connection
462-6700	Flywheel Nut
462-7200	Lockwasher—Flywheel Nut
462-7204	Lockwasher
463-7214	Lockwasher

**MAGNETO - 3345**



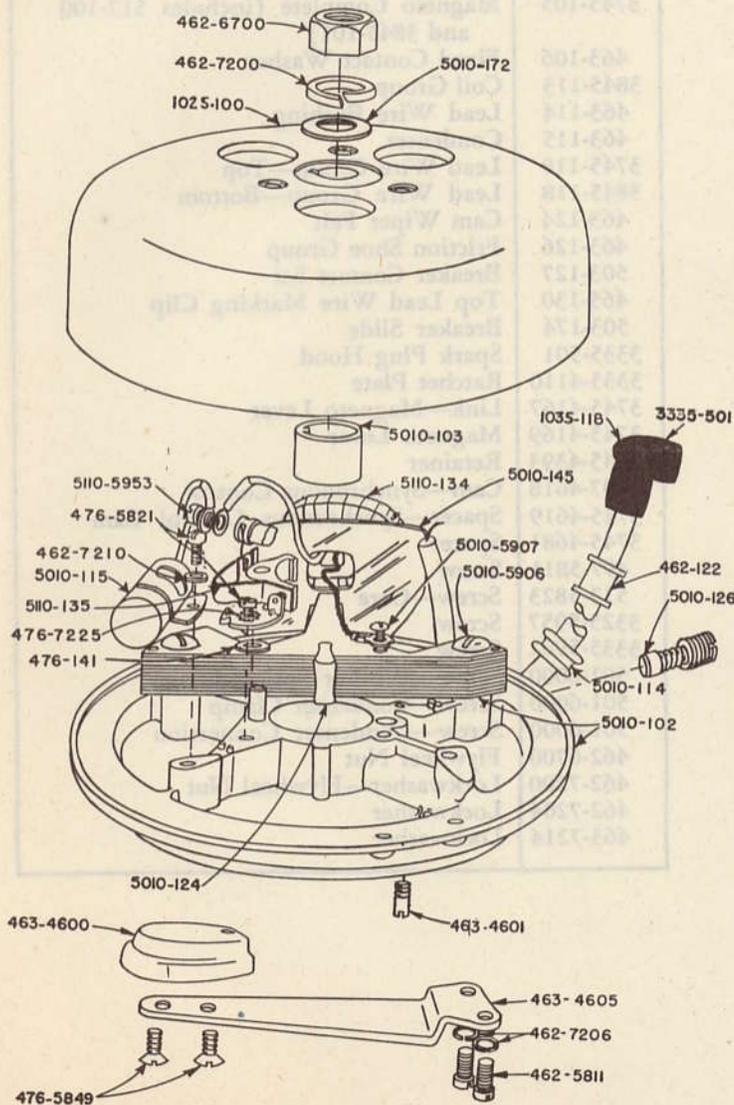
Part Number	Description
1325-100	Flywheel
1335-101	Stator Plate Assembly—Complete
1335-102	Stator Plate and Core Assembly
5010-103	Breaker Cam
1335-105	Magneto Complete—Less 3745-4167 and 3335-4618
5010-114	Lead Wire Grommet
5010-115	Condenser Group
1035-118	Lead Wire Group (Top)
1735-118	Lead Wire Group (Bottom)
5010-124	Cam Wiper Felt
5010-126	Friction Plug Assembly
1335-130	Lead Wire Marker (Top)
5110-134	Coil
5110-135	Breaker Replacement Assembly
476-143	Washer
1335-145	Insulating Shield
5010-172	Washer
3335-501	Hood—Spark Plug
1335-4110	Ratchet Pulley
3745-4167	Link—Magneto Lever
3745-4169	Magneto Lever
3745-4393	Retainer
3335-4618	Cam—Synchronous Control
518-4619	Spacer
3745-4681	Spacer
476-5821	Screw—Fixed Contact and Condenser
462-5823	Screw
5010-5906	Core Screw
5010-5907	Ground Terminal Screw
5110-5953	Breaker Connection Screw
3325-5957	Screw
3335-5961	Screw
462-6700	Flywheel Nut
462-7200	Lock Washer—Flywheel Nut
462-7204	Lock Washer
462-7210	Lock Washer
463-7214	Lockwasher

# MAGNETO - 3745



Part Number	Description
517-100	Magneto Rotor
3845-101	Magneto Stator Plate Unit Complete
3845-102	Magneto Stator Plate (Plate & Cores)
503-103	Breaker Cam
3745-105	Magneto Complete (includes 517-100 and 3845-101)
463-106	Fixed Contact Washer
3845-113	Coil Group
463-114	Lead Wire Bushing
463-115	Condenser
3745-118	Lead Wire Group—Top
3845-118	Lead Wire Group—Bottom
463-124	Cam Wiper Felt
463-126	Friction Shoe Group
503-127	Breaker Contact Set
465-130	Top Lead Wire Marking Clip
503-174	Breaker Slide
3335-501	Spark Plug Hood
3335-4110	Ratchet Plate
3745-4167	Link—Magneto Lever
3745-4169	Magneto Lever
3745-4393	Retainer
497-4618	Cam—Synchronous Control
3745-4619	Spacer—Synchronous Control Cam
3745-4681	Spacer
497-5811	Screw
513-5823	Screw—Core
3325-5957	Screw
3335-5961	Screw
501-6000	Screw—Breaker Spring Clamp
501-6000	Screw—Condenser Clamp
501-6000	Screw—Condenser Connection
462-6700	Flywheel Nut
462-7200	Lockwasher—Flywheel Nut
462-7204	Lockwasher
463-7214	Lockwasher

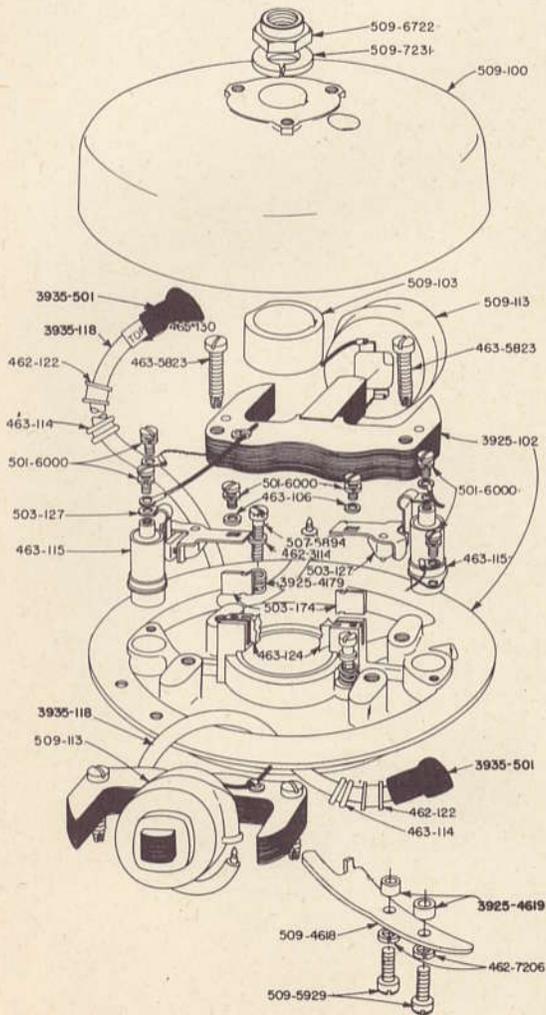
# MAGNETO - 3045



Part Number	Description
1025-100	Flywheel
5110-101	Stator Plate Assembly—Complete
5010-102	Stator Plate and Core Assembly
5010-103	Breaker Cam
1025-105	Magneto Complete—Less Control Lever and 465-4601
5010-114	Lead Wire Grommet
5010-115	Condenser Group
1035-118	Lead Wire Group
462-122	Clamp Bushing
5010-124	Cam Wiper Felt
5010-126	Friction Plug Assembly
5110-134	Coil
5110-135	Breaker Replacement Assembly
476-141	Breaker Spring Arm Washer
5010-145	Insulating Shield
5010-172	Washer
3335-501	Spark Plug Hood
463-4600	Magneto Control Lever Handle
463-4601	Synchronous Control Pin
463-4605	Magneto Control Lever
462-5811	Magneto Control Lever Screw
476-5821	Fixed Contact and Condenser Screw
476-5849	Magneto Control Lever Screw
5010-5906	Core Screw
5010-5907	Ground Terminal Screw
5110-5953	Breaker Connection Screw
462-6700	Flywheel Nut
462-7200	Lock Washer—Flywheel Nut
462-7206	Lock Washer—Magneto Control Lever Screw
462-7210	Lock Washer—Condenser Screw
476-7225	Lock Washer—Fixed Contact Hold Down Screw

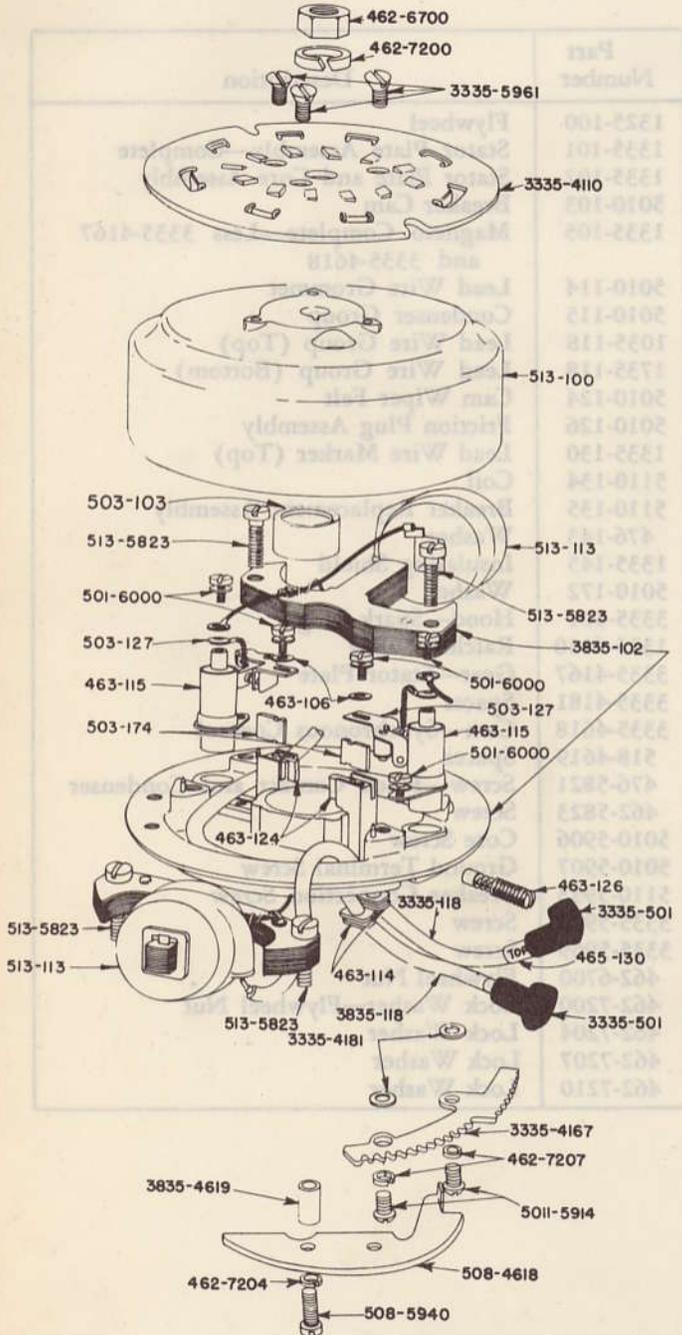
EARLY MODELS SAME AS 3925

MAGNETO A3935



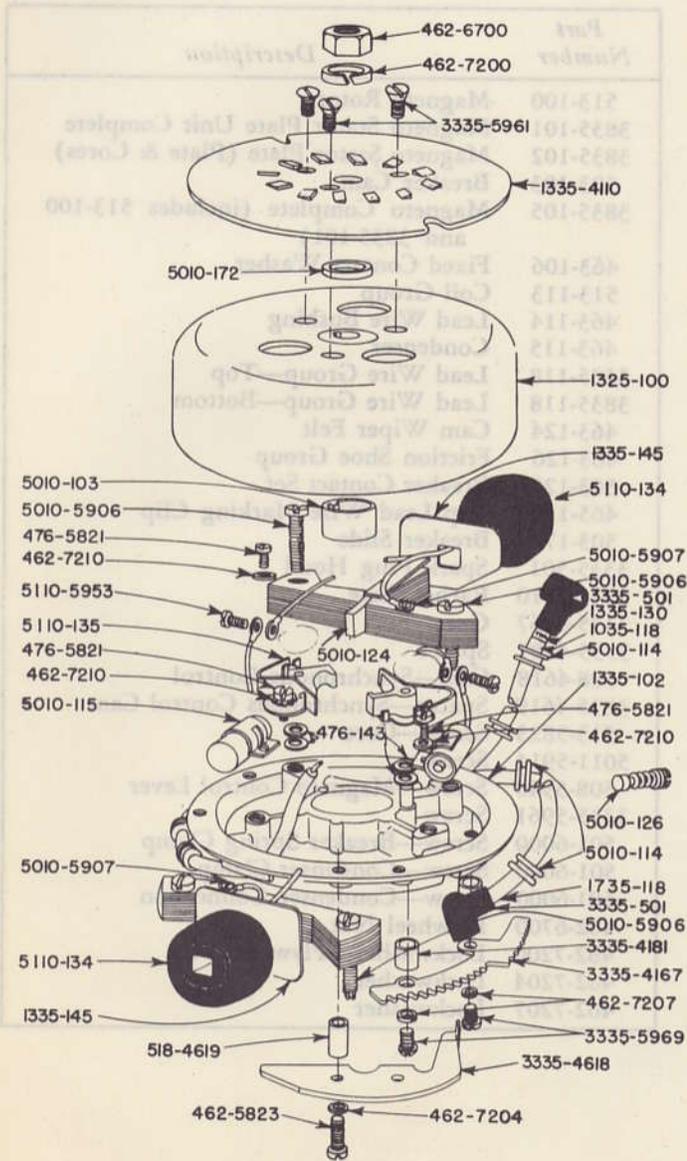
Part Number	Description
509-100	Magneto Rotor
3925-101	Magneto Stator Plate Unit Complete
3925-102	Magneto Stator Plate (Plate & Cores)
509-103	Breaker Cam
3925-105	Magneto Complete
463-106	Fixed Contact Washer
509-113	Coil Group
463-114	Lead Wire Bushing
463-115	Condenser
3935-118	Lead Wire Group
462-122	Clamp Bushing
463-124	Cam Wiper Felt
503-127	Breaker Contact Set
465-130	Top Lead Wire Marking Band
503-174	Breaker Slide
3935-501	Spark Plug Hood
462-3114	Washer—Stator Plate Gear Screw
3925-4179	Spring
509-4618	Synchronous Control Cam
3925-4619	Spacer—Synchronous Control Cam
463-5823	Screw—Core
507-5894	Screw—Stator Plate Gear
509-5929	Screw
501-6000	Screw—Fixed Contact Clamp
501-6000	Screw—Condenser Clamp
501-6000	Screw—Condenser Connection
509-6722	Nut Flywheel
462-7206	Lockwasher
509-7231	Lockwasher—Flywheel Nut

## MAGNETO 3835



Part Number	Description
513-100	Magneto Rotor
3835-101	Magneto Stator Plate Unit Complete
3835-102	Magneto Stator Plate (Plate & Cores)
503-103	Breaker Cam
3835-105	Magneto Complete (includes 513-100 and 3835-101)
463-106	Fixed Contact Washer
513-113	Coil Group
463-114	Lead Wire Bushing
463-115	Condenser
3335-118	Lead Wire Group—Top
3835-118	Lead Wire Group—Bottom
463-124	Cam Wiper Felt
463-126	Friction Shoe Group
503-127	Breaker Contact Set
465-130	Top Lead Wire Marking Clip
503-174	Breaker Slide
3335-501	Spark Plug Hood
3335-4110	Ratchet Plate
3335-4167	Gear
3335-4181	Spacer
508-4618	Cam—Synchronous Control
3835-4619	Spacer—Synchronous Control Cam
513-5823	Screw—Core
5011-5914	Screw
508-5940	Screw—Magneto Control Lever
3335-5961	Screw
501-6000	Screw—Breaker Spring Clamp
501-6000	Screw—Condenser Clamp
501-6000	Screw—Condenser Connection
462-6700	Flywheel Nut
462-7200	Lockwasher—Flywheel Nut
462-7204	Lockwasher
462-7207	Lockwasher

## MAGNETO 3335

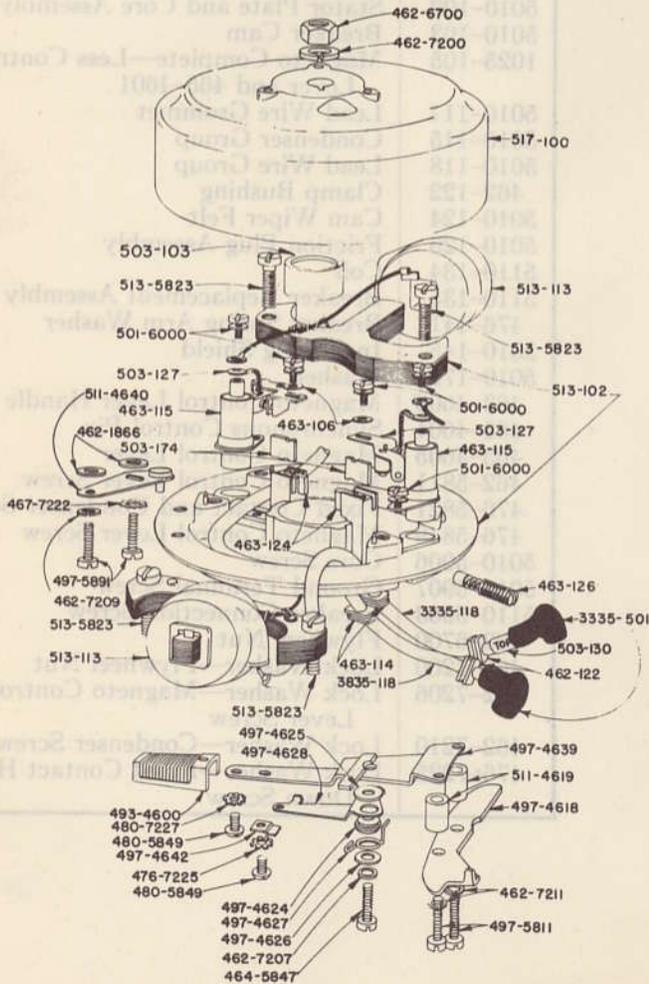


Part Number	Description
1325-100	Flywheel
1335-101	Stator Plate Assembly—Complete
1335-102	Stator Plate and Core Assembly
5010-103	Breaker Cam
1335-105	Magneto Complete—Less 3335-4167 and 3335-4618
5010-114	Lead Wire Grommet
5010-115	Condenser Group
1035-118	Lead Wire Group (Top)
1735-118	Lead Wire Group (Bottom)
5010-124	Cam Wiper Felt
5010-126	Friction Plug Assembly
1335-130	Lead Wire Marker (Top)
5110-134	Coil
5110-135	Breaker Replacement Assembly
476-143	Washer
1335-145	Insulating Shield
5010-172	Washer
5010-5906	Core Screw
3335-501	Hood—Spark Plug
1335-4110	Ratchet Pulley
3335-4167	Gear—Stator Plate
3335-4181	Spacer
3335-4618	Cam—Synchronous Control
518-4619	Spacer
476-5821	Screw—Fixed Contact and Condenser
462-5823	Screw
5010-5906	Core Screw
5010-5907	Ground Terminal Screw
5110-5953	Breaker Connection Screw
3335-5961	Screw
3335-5969	Screw
462-6700	Flywheel Nut
462-7200	Lock Washer—Flywheel Nut
462-7204	Lock Washer
462-7207	Lock Washer
462-7210	Lock Washer

## MAGNETO 3735

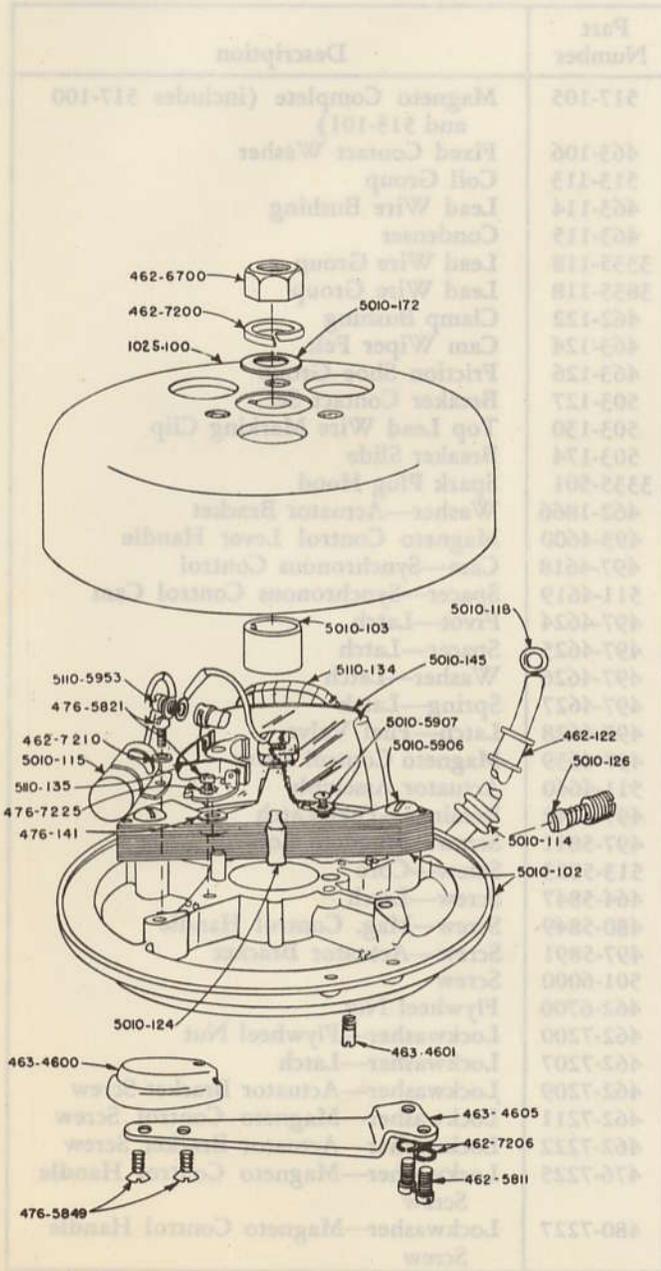
Part Number	Description
517-100	Magneto Rotor
513-101	Magneto Stator Plate Unit Complete
513-102	Magneto Stator Plate (Plate & Cores)
503-103	Breaker Cam

Part Number	Description
517-105	Magneto Complete (includes 517-100 and 513-101)
463-106	Fixed Contact Washer
513-113	Coil Group
463-114	Lead Wire Bushing
463-115	Condenser
3335-118	Lead Wire Group
3835-118	Lead Wire Group
462-122	Clamp Bushing
463-124	Cam Wiper Felt
463-126	Friction Shoe Group
503-127	Breaker Contact Set
503-130	Top Lead Wire Marking Clip
503-174	Breaker Slide
3335-501	Spark Plug Hood
462-1866	Washer—Actuator Bracket
493-4600	Magneto Control Lever Handle
497-4618	Cam—Synchronous Control
511-4619	Spacer—Synchronous Control Cam
497-4624	Pivot—Latch
497-4625	Spacer—Latch
497-4626	Washer—Latch
497-4627	Spring—Latch
497-4628	Latch—Fuel Valve
497-4639	Magneto Control Lever
511-4640	Actuator Assembly
497-4642	Retainer—Fuel Latch
497-5811	Screw—Magneto Control Lever
513-5823	Screw—Core
464-5847	Screw—Latch
480-5849	Screw—Mag. Control Handle
497-5891	Screw—Actuator Bracket
501-6000	Screw
462-6700	Flywheel Nut
462-7200	Lockwasher—Flywheel Nut
462-7207	Lockwasher—Latch
462-7209	Lockwasher—Actuator Bracket Screw
462-7211	Lockwasher—Magneto Control Screw
462-7222	Lockwasher—Actuator Bracket Screw
476-7225	Lockwasher—Magneto Control Handle Screw
480-7227	Lockwasher—Magneto Control Handle Screw



MAGNETO 3035

MAGNETO 3035



Part Number	Description
517-100	Magneto Rotor
517-101	Magneto Stator Plate Unit Complete
517-102	Magneto Stator Plate (Plate & Cores)
503-102	Breaker Cam

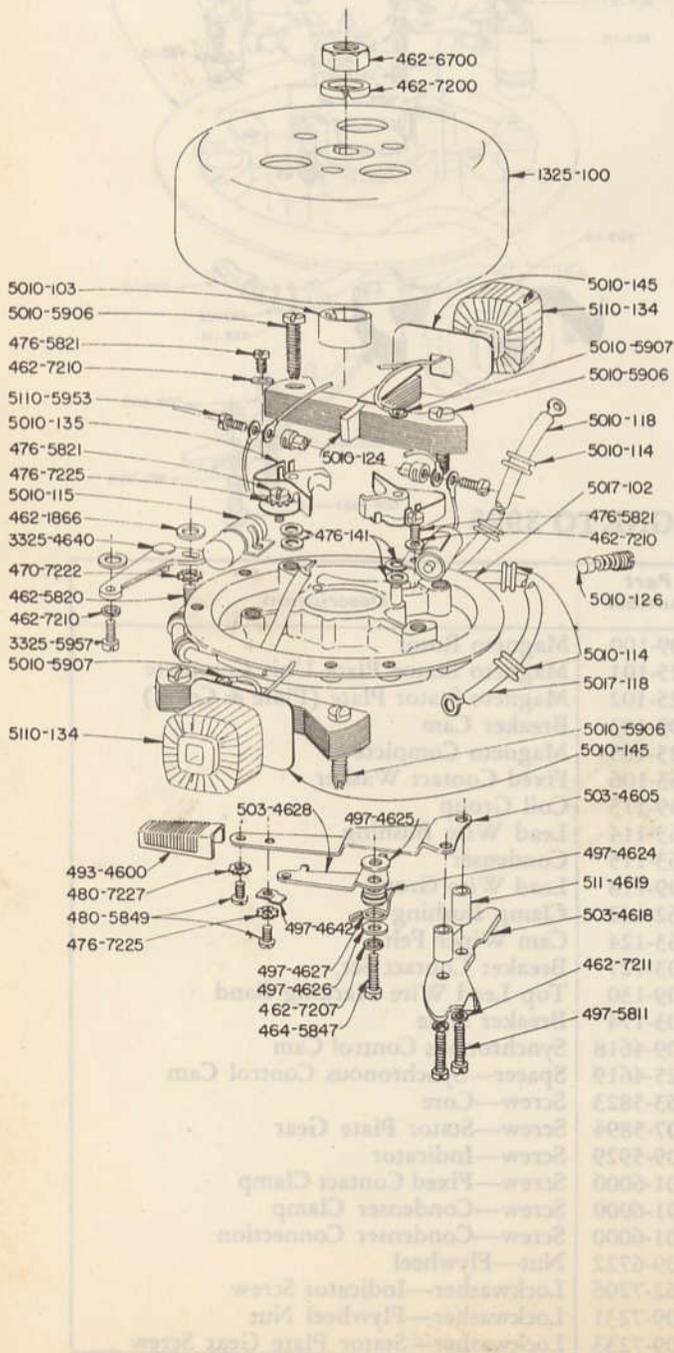
Part Number	Description
1025-100	Flywheel
5110-101	Stator Plate Assembly—Complete
5010-102	Stator Plate and Core Assembly
5010-103	Breaker Cam
1025-105	Magneto Complete—Less Control Lever and 465-4601
5010-114	Lead Wire Grommet
5010-115	Condenser Group
5010-118	Lead Wire Group
462-122	Clamp Bushing
5010-124	Cam Wiper Felt
5010-126	Friction Plug Assembly
5110-134	Coil
5110-135	Breaker Replacement Assembly
476-141	Breaker Spring Arm Washer
5010-145	Insulating Shield
5010-172	Washer
463-4600	Magneto Control Lever Handle
463-4601	Synchronous Control Pin
463-4605	Magneto Control Lever
462-5811	Magneto Control Lever Screw
476-5821	Fixed Contact and Condenser Screw
476-5849	Magneto Control Lever Screw
5010-5906	Core Screw
5010-5907	Ground Terminal Screw
5110-5953	Breaker Connection Screw
462-6700	Flywheel Nut
462-7200	Lock Washer—Flywheel Nut
462-7206	Lock Washer—Magneto Control Lever Screw
462-7210	Lock Washer—Condenser Screw
476-7225	Lock Washer—Fixed Contact Hold Down Screw

MAGNETO 3725 - See Page P23

MAGNETO 3825 - See Page P27

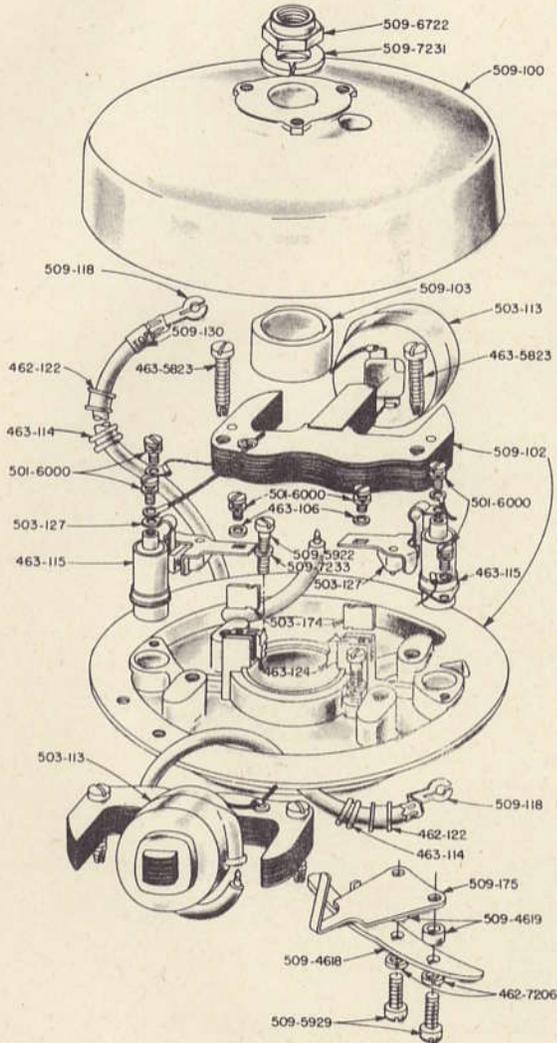
MAGNETO 3325

Part Number	Description
1325-100	Magneto Rotor
1325-101	Magneto Stator Plate Unit Complete
5017-102	Magneto Stator Plate (Plate & Cores)
5010-103	Breaker Cam



Part Number	Description
1325-105	Magneto Complete (includes 1325-100 and 1325-101)
5010-114	Lead Wire Grommet
5010-115	Condenser Group
5010-118	Lead Wire Group—Top
5017-118	Lead Wire Group—Bottom
5010-124	Cam Wiper Felt
5010-126	Friction Plug Assembly
5110-134	Coil
5110-135	Breaker Replacement Assembly
476-141	Breaker Arm Spring Washer
5010-145	Insulating Shield
462-1866	Washer—Actuator Bracket
493-4600	Magneto Control Lever Handle
503-4605	Magneto Control Lever
503-4618	Cam—Synchronous Control
511-4619	Spacer—Synchronous Control Cam
497-4624	Pivot—Latch
497-4625	Spacer—Latch
497-4626	Washer—Latch
497-4627	Spring—Latch
503-4628	Latch—Fuel Valve
3325-4640	Actuator Assembly
497-4642	Retainer—Fuel Latch
497-5811	Screw—Magneto Control Lever
462-5820	Screw—Actuator Bracket
476-5821	Fixed Contact and Condenser Screw
464-5847	Screw—Latch
480-5849	Screw—Mag. Control Handle
5010-5906	Core Screw
5010-5907	Ground Terminal Screw
5110-5953	Breaker Connection Screw
3325-5957	Screw—Actuator Bracket
462-6700	Flywheel Nut
462-7200	Lockwasher—Flywheel Nut
462-7207	Lockwasher—Latch
462-7210	Lock washer—Condenser—Actuator Bracket Screw
462-7211	Lockwasher—Magneto Control Screw
467-7222	Lockwasher—Actuator Bracket Screw
476-7225	Lockwasher—Magneto Control Handle Fixed Hold Down Screw
480-7227	Lockwasher—Magneto Control Handle Screw

# WICO MAGNETO 519

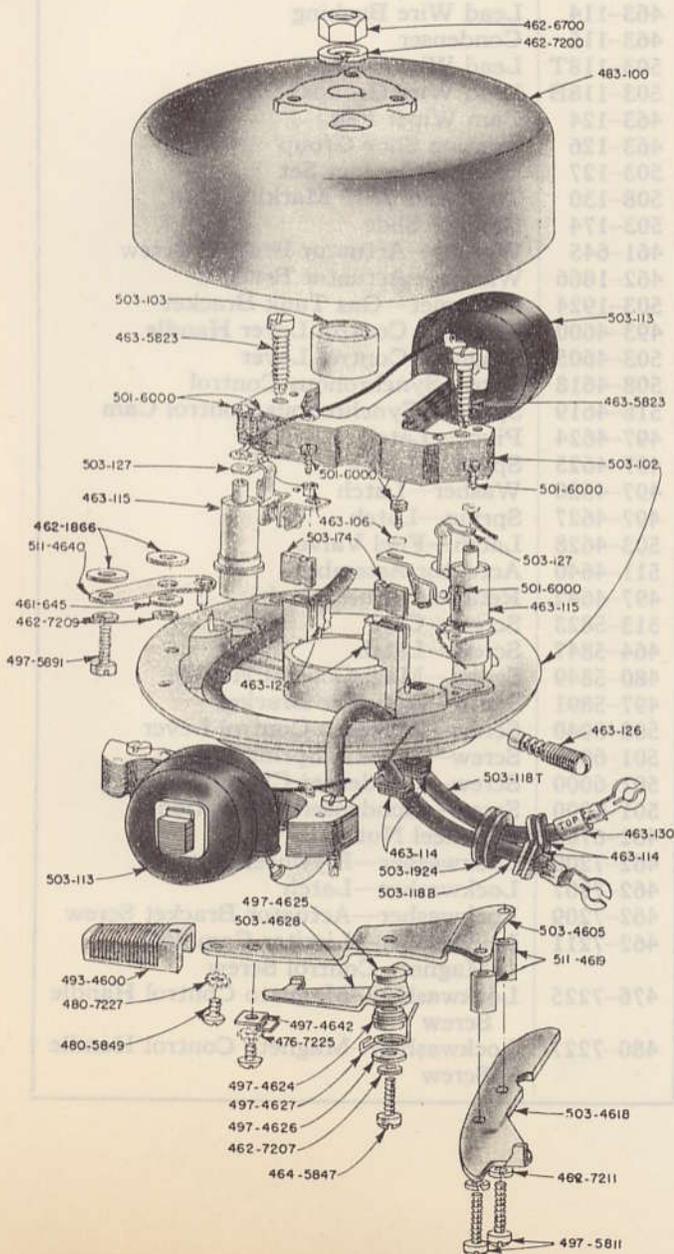


<i>Part Number</i>	<i>Description</i>
509-100	Magneto Rotor
509-101	Magneto Stator Plate Unit Complete
509-102	Magneto Stator Plate (Plate & Cores)
509-103	Breaker Cam
509-105	Magneto Complete
463-106	Fixed Contact Washer
503-113	Coil Group
463-114	Lead Wire Bushing
463-115	Condenser
509-118	Lead Wire Group
462-122	Clamp Bushing
463-124	Cam Wiper Felt
503-127	Breaker Contact Set
509-130	Top Lead Wire Marking Band
503-174	Breaker Slide
509-175	Indicator—Stator Plate
509-4618	Synchronous Control Cam
509-4619	Spacer—Synchronous Control Cam
463-5823	Screw—Core
509-5922	Screw—Stator Plate Gear
509-5929	Screw—Indicator
501-6000	Screw—Fixed Contact Clamp
501-6000	Screw—Condenser Clamp
501-6000	Screw—Condenser Connection
509-6722	Nut—Flywheel
462-7206	Lockwasher—Indicator Screw
509-7231	Lockwasher—Flywheel Nut
509-7233	Lockwasher—Stator Plate Gear Screw

# WICO MAGNETO 513 (Early Models)

Part Number	Description
483-100	Magneto Rotor
503-101	Magneto Stator Plate Unit Complete
503-102	Magneto Stator Plate (Plate & Cores)
503-103	Breaker Cam

Part Number	Description
503-105	Magneto Complete (includes 483-100 and 503-101)
463-106	Fixed Contact Washer
503-113	Coil Group
463-114	Lead Wire Bushing
463-115	Condenser
503-118T	Lead Wire Group
503-118B	Lead Wire Groups
463-124	Cam Wiper Felt
463-126	Friction Shoe Group
503-127	Breaker Contact Set
463-130	Top Lead Wire Marking Clip
503-174	Breaker Slide
461-645	Washer—Actuator Bracket Screw
462-1866	Washer—Actuator Bracket
503-1924	Grommet—Gas Tank Bracket
493-4600	Magneto Control Lever Handle
503-4605	Magneto Control Lever
503-4618	Cam—Synchronous Control
511-4619	Spacer—Synchronous Control Cam
497-4624	Pivot—Latch
497-4625	Spacer—Latch
497-4626	Washer—Latch
497-4627	Spring—Latch
503-4628	Latch—Fuel Valve
511-4640	Actuator Assembly
497-4642	Retainer—Fuel Latch
497-5811	Screw—Magneto Control Lever
463-5823	Screw—Core
464-5847	Screw—Latch
480-5849	Screw—Mag. Control Handle
497-5891	Screw—Actuator Bracket
501-6000	Screw—Breaker Spring Clamp
501-6000	Screw—Condenser Clamp
501-6000	Screw—Condenser Connection
462-6700	Flywheel Nut
462-7200	Lockwasher—Flywheel Nut
462-7207	Lockwasher—Latch
462-7209	Lockwasher—Actuator Bracket Screw
462-7211	Lockwasher—Limiter Cam and Magneto Control Screw
476-7225	Lockwasher—Magneto Control Handle Screw
480-7227	Lockwasher—Magneto Control Handle Screw

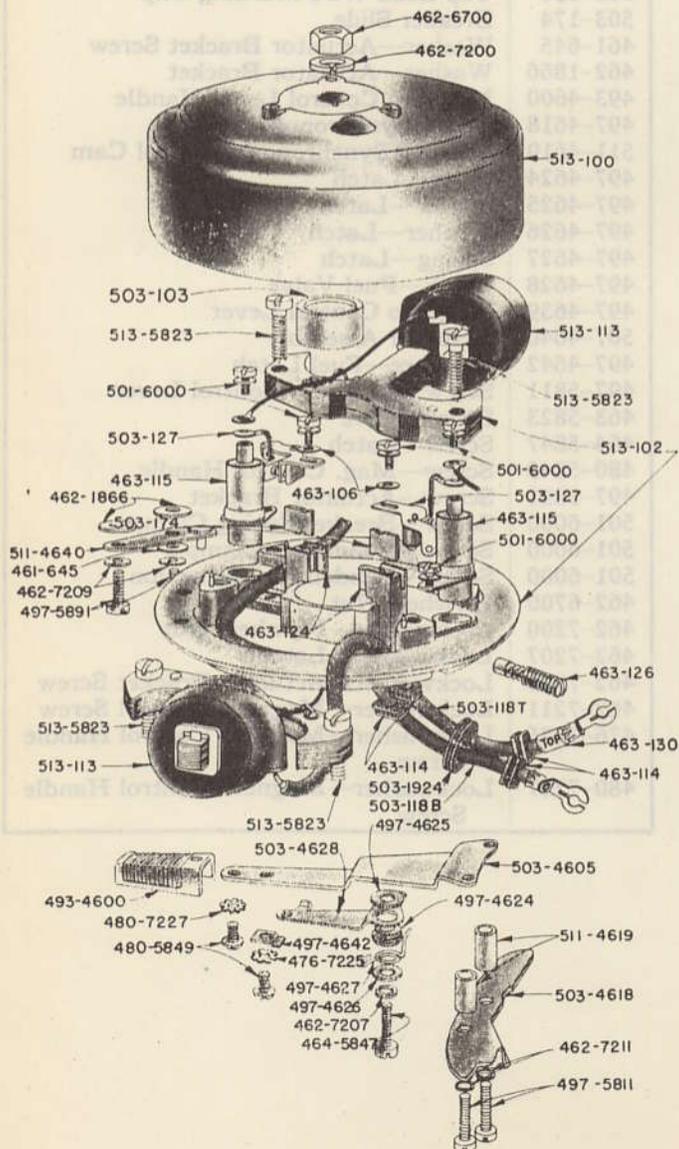


# WICO MAGNETO 513

(See next page for Magneto used on early models)

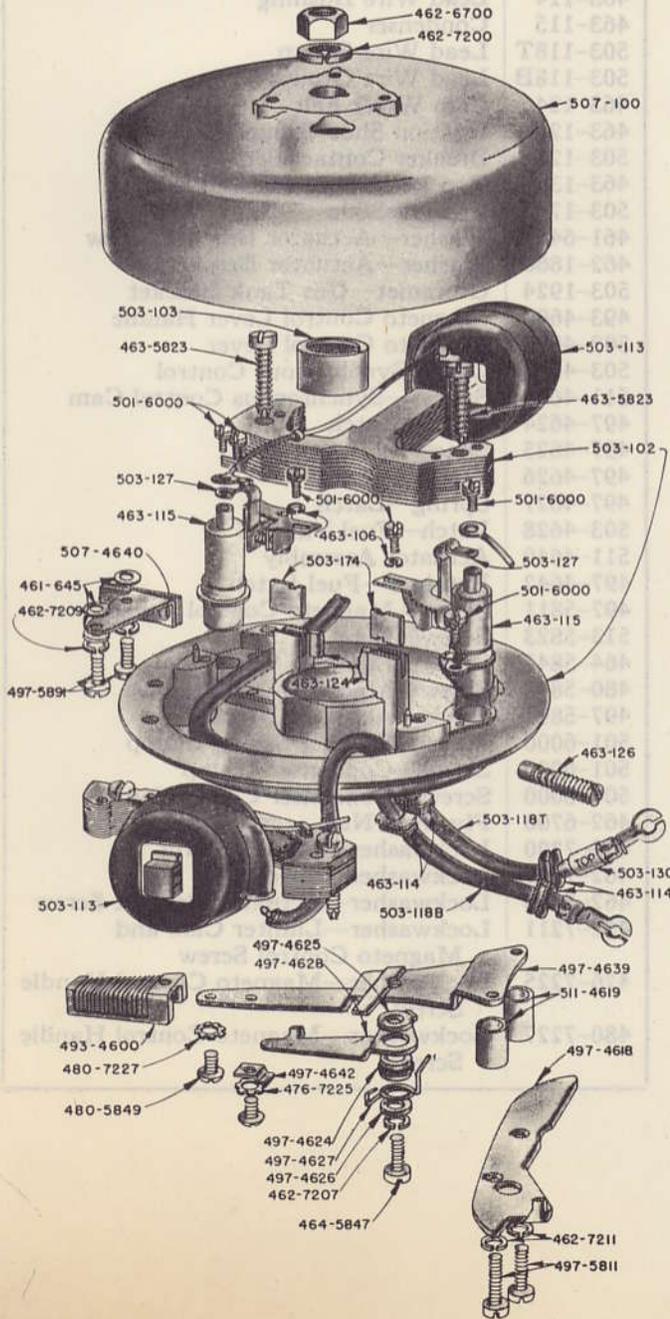
Part Number	Description
513-100	Magneto Rotor
513-101	Magneto Stator Plate Unit Complete
513-102	Magneto Stator Plate (Plate & Cores)
503-103	Breaker Cam

Part Number	Description
513-105	Magneto Complete (includes 513-100 and 513-101)
463-106	Fixed Contact Washer
513-113	Coil Group
463-114	Lead Wire Bushing
463-115	Condenser
503-118T	Lead Wire Group
503-118B	Lead Wire Groups
463-124	Cam Wiper Felt
463-126	Friction Shoe Group
503-127	Breaker Contact Set
463-130	Top Lead Wire Marking Clip
503-174	Breaker Slide
461-645	Washer—Actuator Bracket Screw
462-1866	Washer—Actuator Bracket
503-1924	Grommet—Gas Tank Bracket
493-4600	Magneto Control Lever Handle
503-4605	Magneto Control Lever
503-4618	Cam—Synchronous Control
511-4619	Spacer—Synchronous Control Cam
497-4624	Pivot—Latch
497-4625	Spacer—Latch
497-4626	Washer—Latch
497-4627	Spring—Latch
503-4628	Latch—Fuel Valve
511-4640	Actuator Assembly
497-4642	Retainer—Fuel Latch
497-5811	Screw—Magneto Control Lever
513-5823	Screw—Core
464-5847	Screw—Latch
480-5849	Screw—Mag. Control Handle
497-5891	Screw—Actuator Bracket
501-6000	Screw—Breaker Spring Clamp
501-6000	Screw—Condenser Clamp
501-6000	Screw—Condenser Connection
462-6700	Flywheel Nut
462-7200	Lockwasher—Flywheel Nut
462-7207	Lockwasher—Latch
462-7209	Lockwasher—Actuator Bracket Screw
462-7211	Lockwasher—Limiter Cam and Magneto Control Screw
476-7225	Lockwasher—Magneto Control Handle Screw
480-7227	Lockwasher—Magneto Control Handle Screw



# WICO MAGNETO 517 (Early Models)

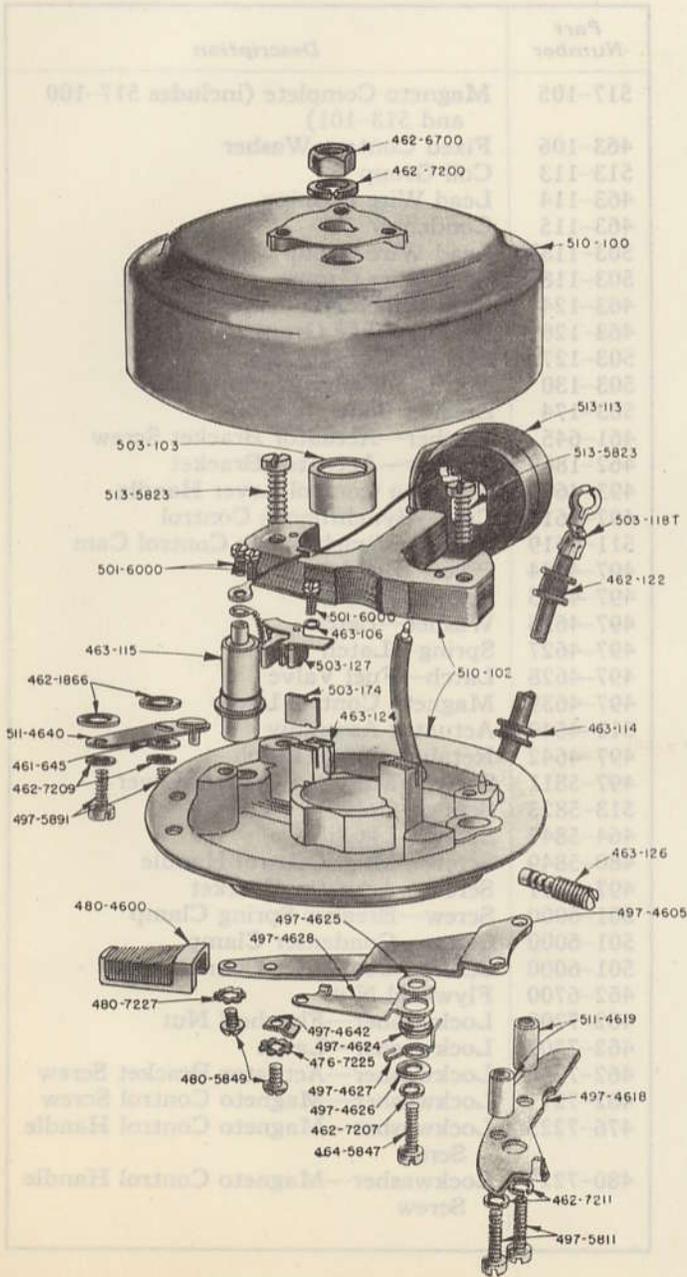
Part Number	Description
507-100	Magneto Rotor
503-101	Magneto Stator Plate Unit Complete
503-102	Magneto Stator Plate (Plate & Cores)
503-103	Breaker Cam



Part Number	Description
507-105	Magneto Complete (includes 507-100 and 503-101)
463-106	Fixed Contact Washer
503-113	Coil Group
463-114	Lead Wire Bushing
463-115	Condenser
503-118T	Lead Wire Group
503-118B	Lead Wire Group
463-124	Cam Wiper Felt
463-126	Friction Shoe Group
503-127	Breaker Contact Set
503-130	Top Lead Wire Marking Clip
503-174	Breaker Slide
461-645	Washer—Actuator Bracket Screw
462-1866	Washer—Actuator Bracket
493-4600	Magneto Control Lever Handle
497-4618	Cam—Synchronous Control
511-4619	Spacer—Synchronous Control Cam
497-4624	Pivot—Latch
497-4625	Spacer—Latch
497-4626	Washer—Latch
497-4627	Spring—Latch
497-4628	Latch—Fuel Valve
497-4639	Magneto Control Lever
507-4640	Actuator Assembly
497-4642	Retainer—Fuel Latch
497-5811	Screw—Magneto Control Lever
463-5823	Screw—Core
464-5847	Screw—Latch
480-5849	Screw—Mag. Control Handle
497-5891	Screw—Actuator Bracket
501-6000	Screw—Breaker Spring Clamp
501-6000	Screw—Condenser Clamp
501-6000	Screw—Condenser Connection
462-6700	Flywheel Nut
462-7200	Lockwasher—Flywheel Nut
462-7207	Lockwasher—Latch
462-7209	Lockwasher—Actuator Bracket Screw
462-7211	Lockwasher—Magneto Control Screw
476-7225	Lockwasher—Magneto Control Handle Screw
480-7227	Lockwasher—Magneto Control Handle Screw

# WICO MAGNETO 511

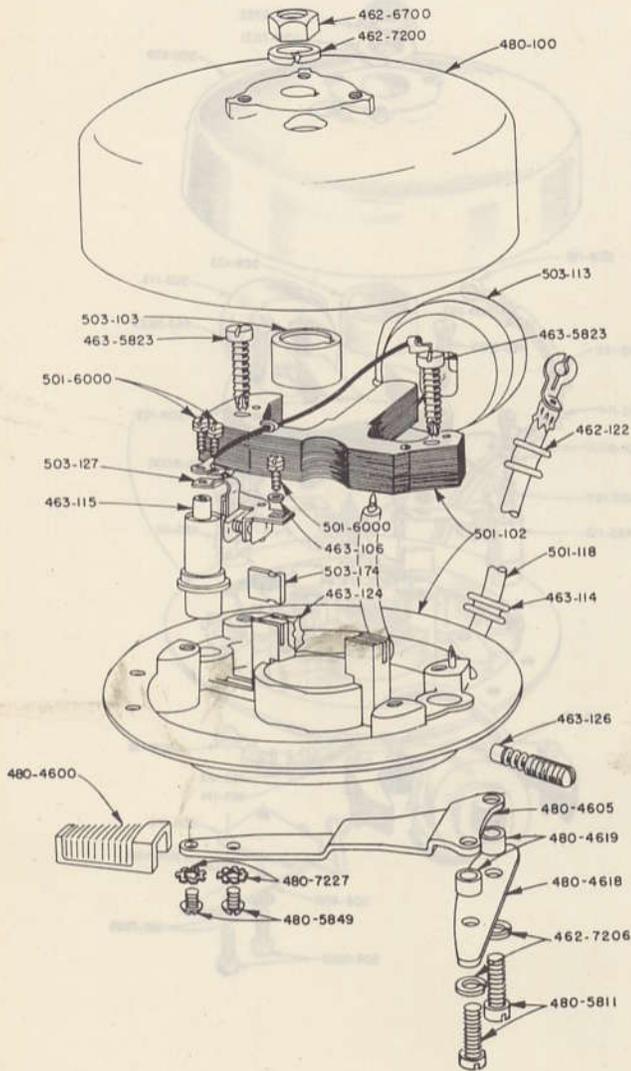
(See next page for Magneto used on early models)



Part Number	Description
510-100	Magneto Rotor
510-101	Magneto Stator Plate Unit Complete
510-102	Magneto Stator Plate (Plate & Cores)
503-103	Breaker Cam
510-105	Magneto Complete (includes 510-100 and 510-101)
463-106	Fixed Contact Washer
513-113	Coil Group
463-114	Lead Wire Bushing
463-115	Condenser
503-118T	Lead Wire Group
462-122	Clamp Bushing
463-124	Cam Wiper Felt
463-126	Friction Shoe Group
503-127	Breaker Contact Set
503-174	Breaker Slide
461-645	Washer—Actuator Bracket Screw
462-1866	Washer—Actuator Bracket
480-4600	Magneto Control Lever Handle
497-4605	Magneto Control Lever
497-4618	Cam—Synchronous Control
511-4619	Spacer—Synchronous Control Cam
497-4624	Pivot—Latch
497-4625	Spacer—Latch
497-4626	Washer—Latch
497-4627	Spring—Latch
497-4628	Latch—Fuel Valve
511-4640	Actuator Assembly
497-4642	Retainer—Fuel Latch
497-5811	Screw—Magneto Control Lever
513-5823	Screw—Core
464-5847	Screw—Latch
480-5849	Screw—Mag. Control Handle
497-5891	Screw—Actuator Bracket
501-6000	Screw—Breaker Spring Clamp
501-6000	Screw—Condenser Clamp
501-6000	Screw—Condenser Connection
462-6700	Flywheel Nut
462-7200	Lockwasher—Flywheel Nut
462-7207	Lockwasher—Latch
462-7209	Lockwasher—Actuator Bracket Screw
462-7211	Lockwasher—Magneto Control Screw
476-7225	Lockwasher—Magneto Control Handle Screw
480-7227	Lockwasher—Magneto Control Handle Screw

# WICO MAGNETO 510

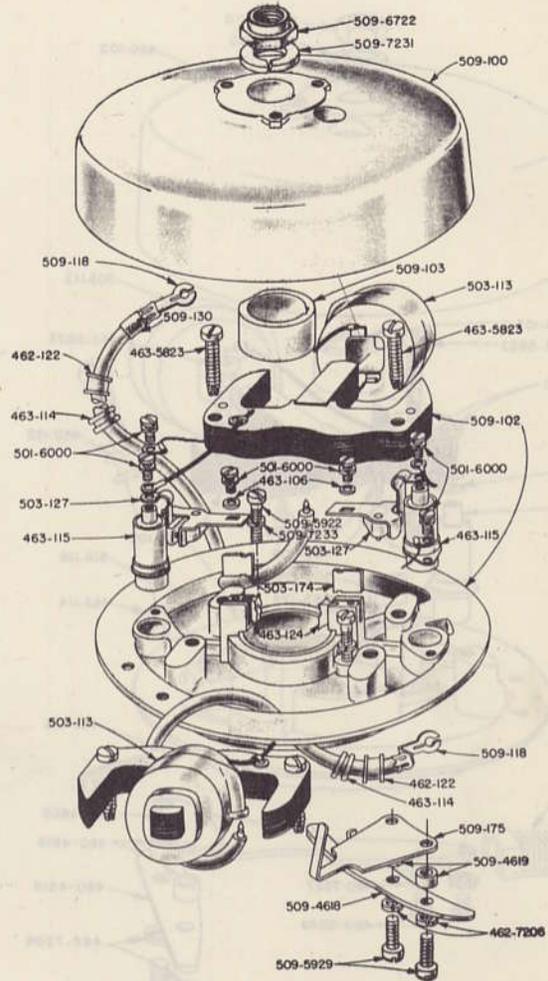
WICO MAGNETO  
MODEL 509



Part Number	Description
480-100	Magneto Rotor
501-101	Magneto Stator Plate Unit Complete
501-102	Magneto Stator Plate (Plate and Core Only)
503-103	Breaker Cam
501-105	Magneto Complete (Includes 480-100 & 501-101)
463-106	Fixed Contact Washer (Brass)
503-113	Coil Group
463-114	Lead Wire Bushing
463-115	Condenser
501-118	Lead Wire Group
462-122	Clamp Bushing
463-124	Cam Wiper Felt
463-126	Friction Shoe Group
503-127	Breaker Contact Set (Repl.)
503-174	Breaker Slide
480-4600	Magneto Control Lever Handle
480-4605	Magneto Control Lever
480-4618	Synchronous Control Cam
480-4619	Synchronous Control Cam Spacer
480-5811	Magneto Control Lever Screw
501-6000	Condenser Clamp Screw
501-6000	Fixed Contact Clamp Screw
501-6000	Condenser Connection Screw
501-6000	Breaker Spring Clamp Screw
463-5823	Core Screw
480-5849	Magneto Control Handle Screw
462-6700	Flywheel Nut
462-7200	Flywheel Nut L.W.
462-7206	Magneto Control Lever Screw L.W.
480-7227	Lockwasher—Magneto Control Handle Screw

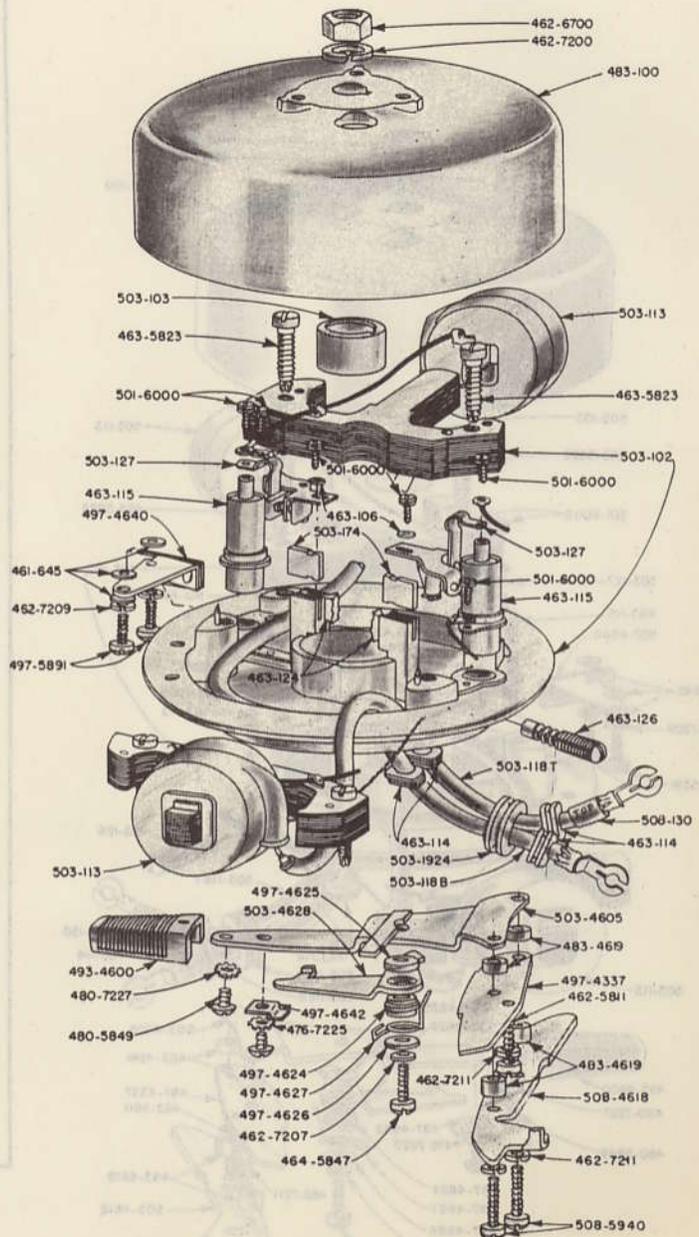
**WICO MAGNETO  
MODEL 509**

Part Number	Description
509-100	Magneto Rotor
509-101	Magneto Stator Plate Unit Complete
509-102	Magneto Stator Plate (Plate & Cores)
509-103	Breaker Cam
509-105	Magneto Complete
463-106	Fixed Contact Washer
503-113	Coil Group
463-114	Lead Wire Bushing
463-115	Condenser
509-118	Lead Wire Group
462-122	Clamp Bushing
463-124	Cam Wiper Felt
503-127	Breaker Contact Set
509-130	Top Lead Wire Marking Band
503-174	Breaker Slide
509-175	Indicator—Stator Plate
509-4618	Synchronous Control Cam
509-4619	Spacer—Synchronous Control Cam
463-5823	Screw—Core
509-5922	Screw—Stator Plate Gear
509-5929	Screw—Indicator
501-6000	Screw—Fixed Contact Clamp
501-6000	Screw—Condenser Clamp
501-6000	Screw—Condenser Connection
509-6722	Nut—Flywheel
462-7206	Lockwasher—Indicator Screw
509-7231	Lockwasher—Flywheel Nut
509-7233	Lockwasher—Stator Plate Gear Screw

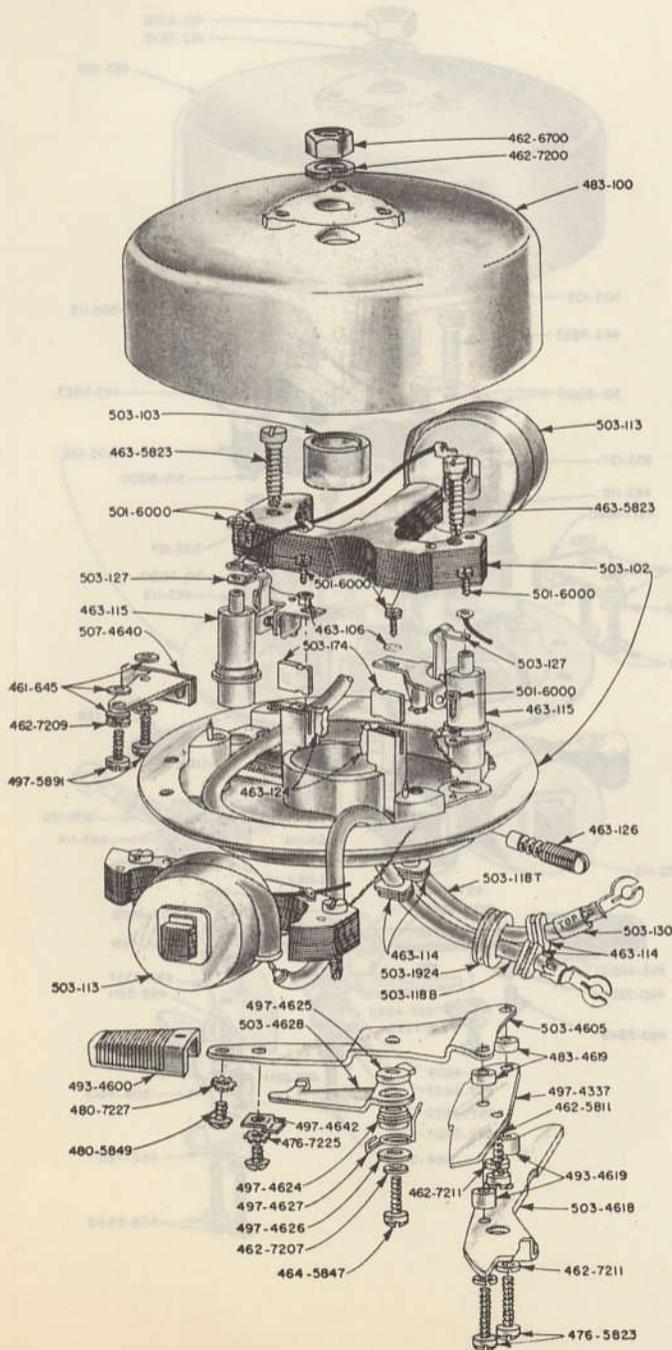


# WICO MAGNETO MODEL 518

Part Number	Description
483-100	Magneto Rotor
503-101	Magneto Stator Plate Unit Complete
503-102	Magneto Stator Plate (Plate & Cores)
503-103	Breaker Cam
508-105	Magneto Complete (includes 483-100 and 503-101)
463-106	Fixed Contact Washer
503-113	Coil Group
463-114	Lead Wire Bushing
463-115	Condenser
503-118T	Lead Wire Group
503-118B	Lead Wire Groups
463-124	Cam Wiper Felt
463-126	Friction Shoe Group
503-127	Breaker Contact Set
508-130	Top Lead Wire Marking Clip
503-174	Breaker Slide
461-645	Washer—Actuator Bracket Screw
503-1924	Grommet—Gas Tank Bracket
497-4337	Magneto Limiter Cam
493-4600	Magneto Control Lever Handle
503-4605	Magneto Control Lever
508-4618	Cam—Synchronous Control
483-4619	Spacer—Limiter Cam
483-4619	Spacer—Synchronous Control Cam
497-4624	Pivot—Latch
497-4625	Spacer—Latch
497-4626	Washer—Latch
497-4627	Spring—Latch
503-4628	Latch—Fuel Valve
507-4640	Actuator Assembly
497-4642	Retainer—Fuel Latch
462-5811	Screw—Limiter Cam
463-4823	Screw—Core
464-5847	Screw—Latch
480-5849	Screw—Mag. Control Handle
497-5891	Screw—Actuator Bracket
508-5940	Screw—Magneto Control Lever
501-6000	Screw—Breaker Spring Clamp
501-6000	Screw—Condenser Clamp
501-6000	Screw—Condenser Connection
462-6700	Flywheel Nut
462-7200	Lockwasher—Flywheel Nut
462-7207	Lockwasher—Latch
462-7209	Lockwasher—Actuator Bracket Screw
462-7211	Lockwasher—Limiter Cam and Magneto Control Screw
476-7225	Lockwasher—Magneto Control Handle Screw
480-7227	Lockwasher—Magneto Control Handle Screw



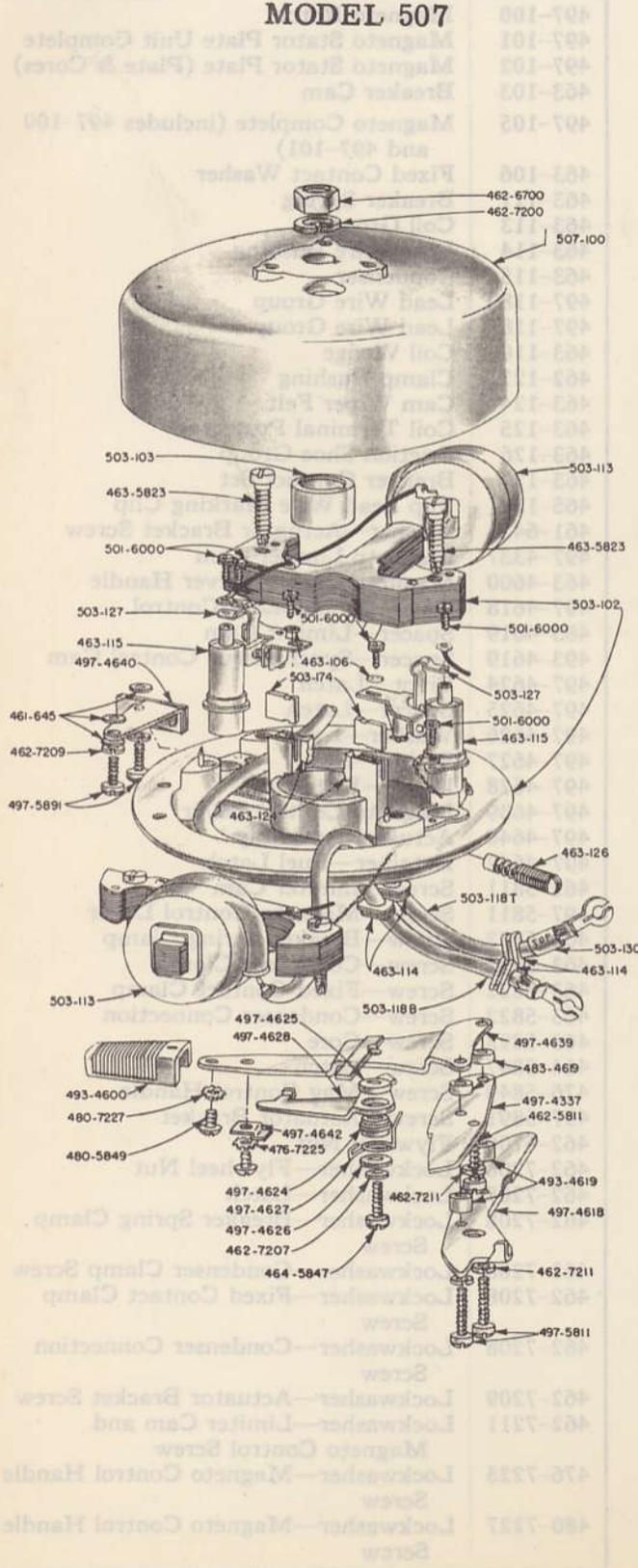
# WICO MAGNETO MODEL 503



Part Number	Description
483-100	Magneto Rotor
503-101	Magneto Stator Plate Unit Complete
503-102	Magneto Stator Plate (Plate & Cores)
503-103	Breaker Cam
503-105	Magneto Complete (includes 483-100 and 503-101)
463-106	Fixed Contact Washer
503-113	Coil Group
463-114	Lead Wire Bushing
463-115	Condenser
503-118T	Lead Wire Group
503-118B	Lead Wire Groups
463-124	Cam Wiper Felt
463-126	Friction Shoe Group
503-127	Breaker Contact Set
503-130	Top Lead Wire Marking Clip
503-174	Breaker Slide
461-645	Washer—Actuator Bracket Screw
503-1924	Grommet—Gas Tank Bracket
497-4337	Magneto Limiter Cam
493-4600	Magneto Control Lever Handle
503-4605	Magneto Control Lever
503-4618	Cam—Synchronous Control
483-4619	Spacer—Limiter Cam
493-4619	Spacer—Synchronous Control Cam
497-4624	Pivot—Latch
497-4625	Spacer—Latch
497-4626	Washer—Latch
497-4627	Spring—Latch
503-4628	Latch—Fuel Valve
507-4640	Actuator Assembly
497-4642	Retainer—Fuel Latch
462-5811	Screw—Limiter Cam
501-6000	Screw—Breaker Spring Clamp
501-6000	Screw—Condenser Clamp
501-6000	Screw—Condenser Connection
463-5823	Screw—Core
476-5823	Screw—Magneto Control Lever
464-5847	Screw—Latch
480-5849	Screw—Mag. Control Handle
497-5891	Screw—Actuator Bracket
462-6700	Flywheel Nut
462-7200	Lockwasher—Flywheel Nut
462-7207	Lockwasher—Latch
462-7209	Lockwasher—Actuator Bracket Screw
462-7211	Lockwasher—Limiter Cam and Magneto Control Screw
476-7225	Lockwasher—Magneto Control Handle Screw
480-7227	Lockwasher—Magneto Control Handle Screw

# WICO MAGNETO

## MODEL 507



Part Number	Description
507-100	Magneto Rotor
503-101	Magneto Stator Plate Unit Complete
503-102	Magneto Stator Plate (Plate & Cores)
503-103	Breaker Cam
507-105	Magneto Complete (includes 497-100 and 497-101)
463-106	Fixed Contact Washer
503-113	Coil Group
463-114	Lead Wire Bushing
463-115	Condenser
503-118T	Lead Wire Group
503-118B	Lead Wire Group
462-122	Clamp Bushing
463-124	Cam Wiper Felt
463-126	Friction Shoe Group
503-127	Breaker Contact Set
503-130	Top Lead Wire Marking Clip
503-174	Breaker Slide
461-645	Washer—Actuator Bracket Screw
497-4337	Magneto Limiter Cam
493-4600	Magneto Control Lever Handle
497-4618	Cam—Synchronous Control
483-4619	Spacer—Limiter Cam
493-4619	Spacer—Synchronous Control Cam
497-4624	Pivot—Latch
497-4625	Spacer—Latch
497-4626	Washer—Latch
497-4627	Spring—Latch
497-4628	Latch—Fuel Valve
497-4639	Magneto Control Lever
497-4640	Actuator Assembly
497-4642	Retainer—Fuel Latch
462-5811	Screw—Limiter Cam
497-5811	Screw—Magneto Control Lever
463-5823	Screw—Core
464-5847	Screw—Latch
480-5849	Screw—Mag Control Handle
497-5891	Screw—Actuator Bracket
501-6000	Screw—Breaker Spring Clamp
501-6000	Screw—Condenser Clamp
501-6000	Screw—Fixed Contact Clamp
501-6000	Screw—Condenser Connection
462-6700	Flywheel Nut
462-7200	Lockwasher—Flywheel Nut
462-7207	Lockwasher—Latch
462-7209	Lockwasher—Actuator Bracket Screw
462-7211	Lockwasher—Limiter Cam and Magneto Control Screw
476-7225	Lockwasher—Magneto Control Handle Screw
480-7227	Lockwasher—Magneto Control Handle Screw

