

Illustrated Parts List

MODEL SERIES

"5S"



HOW TO FIND THE CORRECT NUMBER OF THE PART YOU NEED

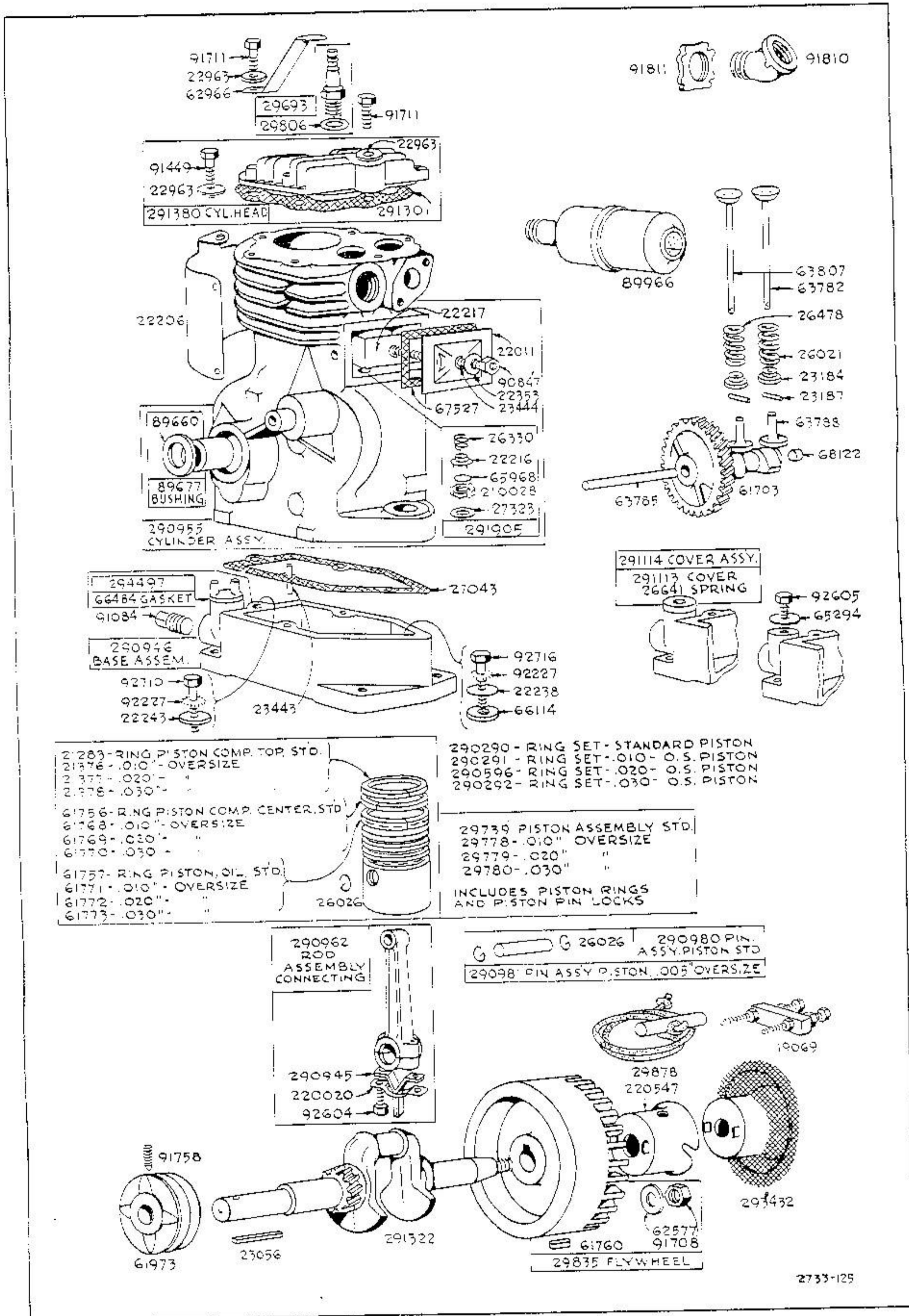
These instructions are to be followed when using a Parts List to determine the correct part for an engine.



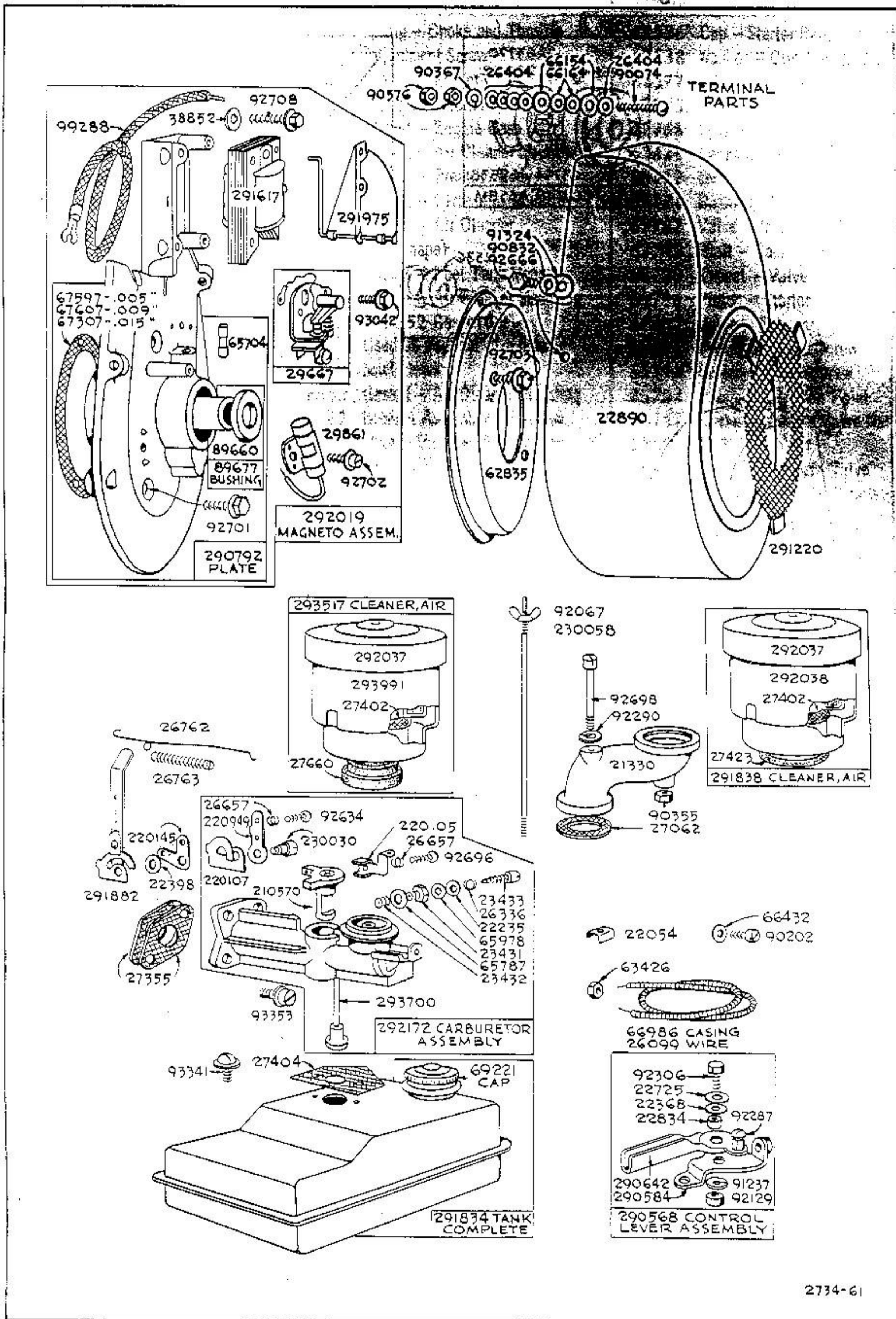
- A. Refer to Engine Model, Type and Serial Number that is stamped on the blower housing or name plate of engine. Then use the Illustrated Parts List covering this Model Series.
- B. Refer to Illustrated Parts section and compare the old part with illustration. The number on the illustration is the Part Number. Assemblies include all parts shown in frames. All parts shown in assembly frames on which individual part numbers are given can be purchased separately.
- C. After the Part Number has been identified, refer to the Numerical Parts List, where Master Part Numbers are listed. THE MASTER PART IS USED ON ALL TYPE NUMBERS EXCEPT THOSE TYPE NUMBERS UNDER "NOTE".
- D. If a "Note" appears below the Master Part Number, this means that this part differs from the Master Part for certain types. If the Type Number is listed under "Note", order the part referred to.
- E. If the Engine Type Number does not appear after any part number listed under "Note", use the Master Part Number.

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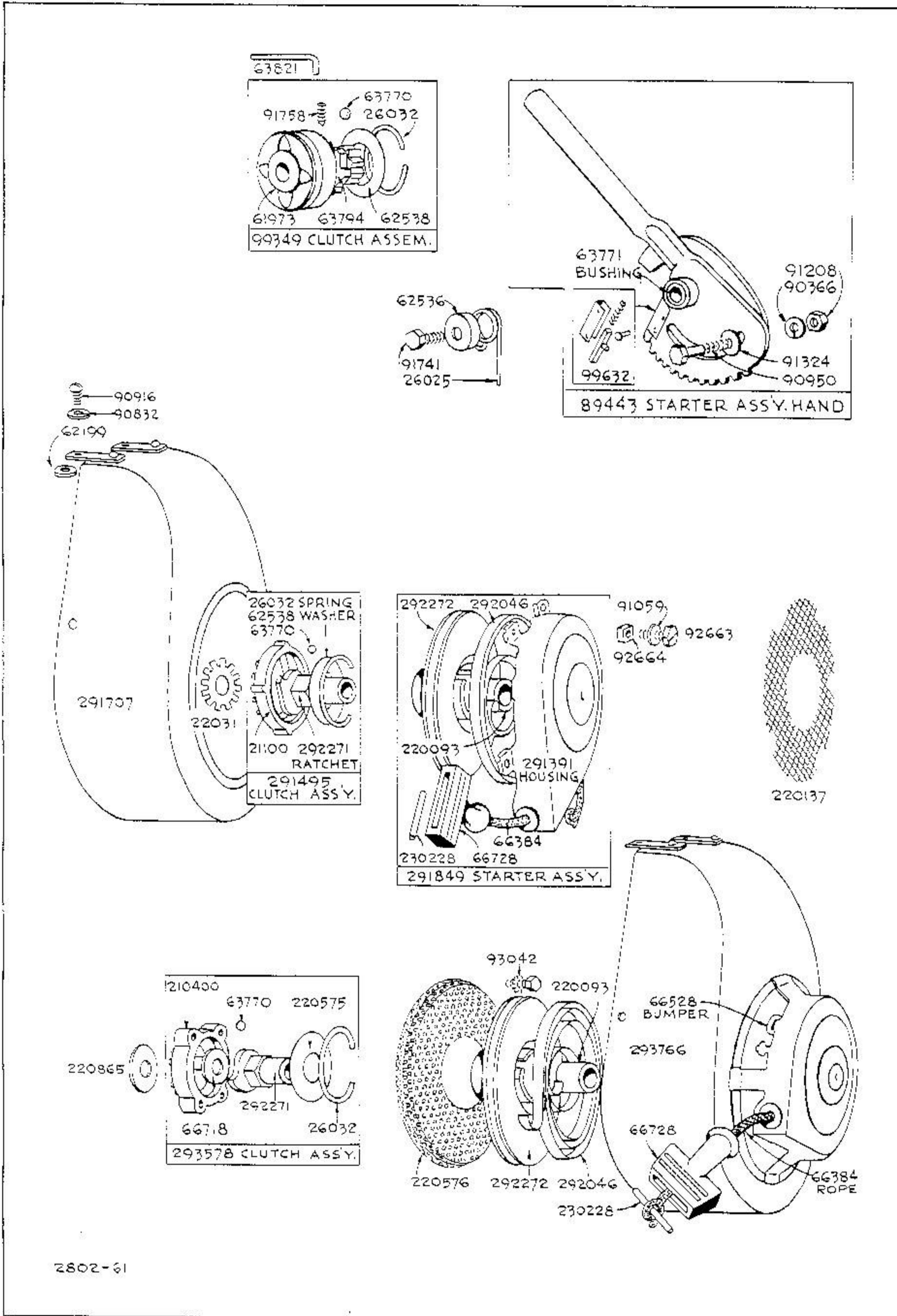




CYLINDER, PISTON, CONNECTING ROD, CRANKSHAFT, AND FLYWHEEL PARTS
Assemblies include all parts shown in frames.



FUEL SYSTEM, BLOWER CASE, AND IGNITION PARTS
Assemblies include all parts shown in frames.



2802-61

STARTER PARTS

Assemblies include all parts shown in frames.

NUMERICAL PARTS LIST

"5S"

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
19069	Pulley - Flywheel (Optional Accessory)	26657	Spring - Choke and Throttle Adjustment Screw	62536	Cup - Starter Return Spring
21100	Housing - Starter Clutch	26762	Link - Governor	62538	Washer - Clutch Retainer
21283	Ring - Piston, Compression, Top - Standard	26763	Spring - Governor	62577	Washer - Flywheel
21330	Elbow - Air Cleaner	*27043	Gasket - Engine Base	62835	Cover - Dust
21376	Ring - Piston, Compression, Top - .010" O. S.	27062	Gasket - Air Cleaner Mounting	62966	Switch - Stop
21377	Ring - Piston, Compression, Top - .020" O. S.	27323	Gasket - Breather Body	63426	Locknut - Control Wire Casing
21378	Ring - Piston, Compression, Top - .030" O. S.	*27355	Gasket - Carburetor Mounting	63770	Ball - Clutch
22011	Cover - Valve	27402	Gasket - Air Cleaner (Cup Shape)	63771	Bushing - Starter Sector
Note: 220715	Cover - Valve Used on type No. 700152. Uses: 66638 Tube - Breather	*27404	Gasket - Fuel Tank Mounting	63782	Valve - Intake
22054	Clamp - Control Wire Casing	27423	Gasket - Air Cleaner Mounting	63785	Shaft - Cam
22206	Shield - Cylinder	Note: 292252	Gasket Set Used on engines with plastic bowl cleaner.	63788	Tappet - Valve
22216	Cover - Breather	27660	Gasket - Air Cleaner Mounting	63794	Pinion - Starter
22217	Shield - Oil Spray	29667	Breaker Assembly - Ignition	63807	Valve - Exhaust
22235	Washer - Needle Valve	29693	Plug - Spark - With Gasket	63821	Wrench - Socket Screw
22238	Washer - Cylinder Mounting	Note: 66538	Elbow - Spark Plug Used on type No. 700162.	65294	Gasket - Filler Screw
22243	Washer - Cylinder Mounting	29739	Piston Assembly - Standard	65704	Plunger - Breaker Point
*22353	Washer - Valve Cover	29778	Piston Assembly - .010" O. S.	65787	Gasket - Needle Valve Nut
22368	Washer - Control Lever	29779	Piston Assembly - .020" O. S.	65968	Disk - Breather
22398	Washer - Bel. Crank	29780	Piston Assembly - .030" O. S.	65978	Packing - Needle Valve
22725	Washer - Control Lever	29806	Gasket - Spark Plug	*66114	Washer - Cylinder Mounting
22834	Washer - Spacer	29835	Flywheel - Magneto	66154	Washer - Terminal
22890	Housing - Blower	29861	Condenser	66164	Washer - Terminal
22963	Washer - Cylinder Head	29878	Rope - Starter	66384	Rope - Starter ($\frac{3}{16}$ " Dia.)
23056	Key - Pulley - $\frac{1}{4}$ " Square	38852	Washer - Armature and Breaker Mounting	Note: 66334	Rope - Starter ($\frac{3}{16}$ " Dia.) Used on engines before serial No. 553576.
23184	Retainer - Valve Spring	61703	Gear - Cam	66432	Washer - Control Wire Casing Retainer
23187	Pin - Valve Spring Retainer	61756	Ring - Piston, Compression, Center - Standard	66484	Gasket - Oil Filler Plug (Used only with superseded Part No. 294497).
23431	Nut - Needle Valve	61757	Ring - Piston, Oil - Standard	66528	Bumper - Starter Pulley
23432	Seat - Needle Valve	61760	Key - Flywheel	66718	Washer - Starter Clutch, Thrust
23433	Valve - Needle	61768	Ring - Piston, Compression, Center - .010" O. S.	66728	Grip - Starter Rope
23443	Pin - Dowel	61769	Ring - Piston, Compression, Center - .020" O. S.	66768	Plug - Oil Filler
23444	Stud - Valve Cover	61770	Ring - Piston, Compression, Center - .030" O. S.	66986	Casing - Control Wire - 48" long
26021	Spring - Intake Valve	61771	Ring - Piston, Oil - .010" O. S.	Note: If a longer casing is needed, specify length in inches; if a shorter casing is needed order No. 66986 and cut to required length.	
26025	Spring - Pedal Return	61772	Ring - Piston, Oil - .020" O. S.	*67307	Gasket - Magneto Plate - .015" thick
26026	Lock - Piston Pin	61773	Ring - Piston, Oil - .030" O. S.	*67527	Gasket - Valve Cover
26032	Spring - Clutch Retainer	61973	Starter Clutch and Pulley - 2 $\frac{3}{8}$ " O. D.	*67597	Gasket - Magneto Plate - .005" thick
26099	Wire - Control, 54" long	Note: 61781	Pulley - Drive - 3 $\frac{3}{16}$ " O. D. Used on type No. 700046.	*67607	Gasket - Magneto Plate - .009" thick
Note: If longer wire is required, specify length in inches; if shorter wire is needed, order No. 26099 and cut to required length.		62199	Washer - Blower Housing Mounting	68122	Plug - Cam Shaft
26330	Spring - Breather Retainer			69221	Cap - Fuel Tank
26336	Spring - Needle Valve			89443	Starter Assembly - Hand
26404	Washer - Terminal			89660	Seal - Oil
26478	Spring - Exhaust Valve				
26641	Spring - Oil Hole Cover				

* Included in Gasket Set - Part No. 292253.

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
290568	Lever Assembly - Control	26809	Crankshaft	291834	Tank Assembly - Fuel
290584	Base - Control Lever	Used on type No. 700069.		291838	Cleaner Assembly - Air
290596	Ring Set - .020" O.S. Piston	26895	Crankshaft	291849	Starter Assembly - Rewind (bolt-on-type)
290642	Lever - Control	Used on type Nos. 700034, 700064, 700071.		291882	Control - Governor
290792	Plate - Magneto	26990	Crankshaft	291905	Breather Assembly
Note: 290869	Plate - Magneto	Used on type Nos. 700015, 700020, 700024, 700055, 700081, 700089, 700098, 700109, 700115, 700120, 700124, 700138, 700139, 700150.		291975	Blade Assembly - Governor
290945	Dipper - Connecting Rod	26991	Crankshaft	292019	Magneto Assembly
290946	Base Assembly - Engine	Used on type Nos. 700016, 700018, 700021, 700031, 700038, 700042, 700048, 700051, 700054, 700060, 700073, 700077, 700091, 700093, 700095, 700101, 700104, 700105, 700106, 700107, 700111, 700112, 700113, 700114, 700121, 700122, 700123, 700125, 700129, 700133, 700134, 700136, 700137, 700142, 700143, 700144, 700146, 700149, 700151, 700153, 700154, 700155, 700157, 700158, 700160, 700162, 700165.		Note: 292146	Magneto Assembly
Note: 290938	Base Assembly - Engine	Used on type Nos. 700053, 700051, 700066, 700075, 700077, 700083, 700086, 700097, 700102, 700160.		Used on type Nos. 700043, 700046, 700070, 700079, 700081, 700118, 700126, 700142, 700156.	
290955	Cylinder Assembly	291326	Crankshaft	Includes: 66155	Wire - Ground
Note: 291110	Cylinder Assembly	Used on type Nos. 700012, 700019, 700041, 700042, 700065, 700073, 700078, 700093, 700099, 700101, 700106, 700112, 700113, 700114, 700115, 700117, 700135, 700143, 700144, 700153, 700165.		293761	Magneto Assembly
292026	Cylinder Assembly	Used on type Nos. 700051, 700058, 700085, 700125.		Used on type No. 700110.	
292242	Cylinder Assembly	Used on type No. 700071.		Includes: 292042	Wire - Ground
290962	Rod Assembly - Connecting	291326	Crankshaft	294528	Magneto Assembly
290980	Pin Assembly - Piston - Standard	Used on type Nos. 700013, 700019, 700023, 700026, 700028, 700030, 700035, 700036, 700040, 700041, 700043, 700044, 700049, 700050, 700061, 700062, 700065, 700067, 700072, 700074, 700078, 700082, 700083, 700085, 700086, 700087, 700088, 700094, 700096, 700099, 700100, 700102, 700103, 700108, 700110, 700117, 700118, 700126, 700127, 700128, 700130, 700132, 700135, 700140, 700141, 700145, 700147, 700148, 700156, 700159, 700161, 700163, 700164.		Used on type No. 700162.	
290981	Pin Assembly - Piston - .005" O.S.	291380	Head Assembly - Cylinder	Includes: 292042	Wire - Ground
291113	Cover - Oil Hole	291391	Housing - Starter (Used only with Bolt-On Type Rewind Starter)	292037	Cover and Filter - Air Cleaner
291114	Cover - Assembly - Oil Hole	291495	Clutch Assembly - Starter (Used only with Bolt-On Type Rewind Starter)	292038	Bowl - Air Cleaner
291220	Screen - Blower Housing	291617	Armature - Magneto	292046	Spring - Starter
Note: 291430	Screen - Blower Housing (Full Screen)	291707	Housing - Blower (Used on engines with Bolt-On Rewind Starter)	292172	Carburetor Assembly
Used on type No. 700302.				Note: 292173	Carburetor Assembly
*291301	Gasket - Cylinder Head			Used on type Nos. 700034, 700037, 700049, 700064, 700075, 700076, 700080, 700086, 700089, 700116, 700146.	
*Note: 67537	Gasket - Cylinder Head (1/2" thick)			292174	Carburetor Assembly
Used with cylinder heads having seven fins.				Used on type Nos. 700014, 700040, 700047, 700048, 700061, 700066, 700077, 700098, 700102, 700109, 700111, 700139.	
291322	Crankshaft			292253	Gasket Set
Note: 26780	Crankshaft			292271	Ratchet - Rewind Starter
Used on type No. 700037.				292272	Pulley - Rewind Starter
* Included in Gasket Set - Part No. 292253.				293432	Starter Pulley with Screen
				293578	Clutch Assembly - Starter
				293700	Pipe - Fuel
				293766	Housing - Blower and Starter (For Rewind Starter)
				Note: 294475	Housing - Blower and Starter
				Used on type No. 700157.	
				293517	Cleaner Assembly - Air
				293991	Bowl - Air Cleaner
				294497	Plug - Oil Filter (Use Part No. 66768)

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
290568	Lever Assembly - Control	26809	Crankshaft	291834	Tank Assembly - Fuel
290584	Base - Control Lever	Used on type No. 700069.		291838	Cleaner Assembly - Air
290596	Ring Set - .020" O.S. Piston	26895	Crankshaft	291849	Starter Assembly - Rewind (bolt-on-type)
290642	Lever - Control	Used on type Nos. 700034, 700064, 700071.		291882	Control - Governor
290792	Plate - Magneto	26990	Crankshaft	291905	Breather Assembly
Note: 290869	Plate - Magneto	Used on type Nos. 700015, 700020, 700024, 700055, 700081, 700089, 700098, 700109, 700115, 700120, 700124, 700138, 700139, 700150.		291975	Blade Assembly - Governor
	Used on type Nos. 700043, 700045, 700070, 700079, 700081, 700118, 700126, 700142, 700156.	26991	Crankshaft	292019	Magneto Assembly
290945	Dipper - Connecting Rod	Used on type Nos. 700016, 700018, 700021, 700031, 700038, 700042, 700048, 700051, 700054, 700060, 700073, 700077, 700091, 700093, 700095, 700101, 700104, 700105, 700106, 700107, 700111, 700112, 700113, 700114, 700121, 700122, 700123, 700125, 700129, 700133, 700134, 700136, 700137, 700142, 700143, 700144, 700146, 700149, 700151, 700153, 700154, 700155, 700157, 700158, 700160, 700162, 700165.		Note: 292146	Magneto Assembly
290946	Base Assembly - Engine				Used on type Nos. 700043, 700046, 700070, 700079, 700081, 700118, 700126, 700142, 700156. Includes: 66155 Wire - Ground
Note: 290938	Base Assembly - Engine			293761	Magneto Assembly
	Used on type Nos. 700053, 700051, 700066, 700075, 700077, 700083, 700086, 700097, 700102, 700160.			Used on type No. 700110. Includes: 292042 Wire - Ground	
290955	Cylinder Assembly	291326	Crankshaft	294528	Magneto Assembly
Note: 291110	Cylinder Assembly	Used on type Nos. 700013, 700019, 700023, 700026, 700028, 700030, 700035, 700036, 700040, 700041, 700043, 700044, 700049, 700050, 700061, 700062, 700065, 700067, 700072, 700074, 700078, 700082, 700083, 700085, 700086, 700087, 700088, 700094, 700096, 700099, 700100, 700102, 700103, 700108, 700110, 700117, 700118, 700126, 700127, 700128, 700130, 700132, 700135, 700140, 700141, 700145, 700147, 700148, 700156, 700159, 700161, 700163, 700164.		Used on type No. 700162. Includes: 292042 Wire - Ground	
	Used on type Nos. 700012, 700019, 700041, 700042, 700065, 700073, 700078, 700093, 700099, 700101, 700106, 700112, 700113, 700114, 700115, 700117, 700135, 700143, 700144, 700153, 700165.	291380	Head Assembly - Cylinder	292037	Cover and Filter - Air Cleaner
292026	Cylinder Assembly	291391	Housing - Starter (Used only with Bolt-On Type Rewind Starter)	292038	Bowl - Air Cleaner
Used on type Nos. 700051, 700058, 700085, 700125.		291495	Clutch Assembly - Starter (Used only with Bolt-On Type Rewind Starter)	292046	Spring - Starter
292242	Cylinder Assembly	291617	Armature - Magneto	292172	Carburetor Assembly
Used on type No. 700071.		291707	Housing - Blower (Used on engines with Bolt-On Rewind Starter)	Note: 292173	Carburetor Assembly
290962	Rod Assembly - Connecting				Used on type Nos. 700034, 700037, 700049, 700064, 700075, 700076, 700080, 700086, 700089, 700116, 700146.
290980	Pin Assembly - Piston - Standard			292174	Carburetor Assembly
290981	Pin Assembly - Piston - .005" O.S.			Used on type Nos. 700014, 700040, 700047, 700048, 700061, 700066, 700077, 700098, 700102, 700109, 700111, 700139.	
291113	Cover - Oil Hole			292253	Gasket Set
291114	Cover - Assembly - Oil Hole			292271	Ratchet - Rewind Starter
291220	Screen - Blower Housing			292272	Pulley - Rewind Starter
Note: 291430	Screen - Blower Housing (Full Screen)			293432	Starter Pulley with Screen
	Used on type No. 700302.			293578	Clutch Assembly - Starter
*291301	Gasket - Cylinder Head			293700	Pipe - Fuel
*Note: 67537	Gasket - Cylinder Head (1/2" thick)			293766	Housing - Blower and Starter (For Rewind Starter)
	Used with cylinder heads having seven fins.			Note: 294475	Housing - Blower and Starter
291322	Crankshaft				Used on type No. 700157.
Note: 26780	Crankshaft			293517	Cleaner Assembly - Air
	Used on type No. 700037.			293991	Bowl - Air Cleaner
* Included in Gasket Set - Part No. 292253.				294497	Plug - Oil Filter (Use Part No. 66768)