

193401 to 193467

Illustrated Parts List
MODEL SERIES

193401 to 193467

TYPE NUMBERS

0010 to 0031

0110 to 0158

TO FIND
THE CORRECT NUMBER OF THE PART YOU NEED:
FOLLOW THE INSTRUCTIONS BELOW.

- A. Refer to Engine Model, Type and Serial Number that is stamped on the blower housing or name plate of engine. Engine type numbers such as 0147 01 are listed herein only as 0147. The two digits (01 or 02, etc.) to the right of the space are not needed for parts identification. Then use the Illustrated Parts List covering these Model Series.
- B. Refer to Illustrated Parts section and compare the old part with illustration. The number on the illustration is the Reference Number. Assemblies include all parts shown in frames. All parts shown in assembly frames on which individual reference numbers are given can be purchased separately.
- C. After the Reference Number has been identified, refer to the Numerical Parts List, where Reference and 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.
- F. For Type Numbers higher than those covered by this book, please refer to the factory if you are unable to identify the part by comparison.



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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	298199	Cylinder Assembly Note: 298563 Cylinder Assy. Used on type Nos. 0124, 0151, 0152.		291299	Cover Assy.—Crankcase (Ball Bearing) Used only on Model 193431 to 193437 engines.			Top and Center, .030" O. S. 61337 Ring—Piston, Oil, .030" O. S.
5	210620	Head—Cylinder	20	298423	Seal—Oil	27	68546	Lock—Piston Pin
6	22963	Washer—Plain	21	66768	Plug—Oil Filler	28	298401	Pin Assy.—Piston—Std.
7	*27752	Gasket—Cylinder Head Note: Two 27752 Cylinder Head Gaskets are used on type Nos. 0123, 0151.	23	298974	Flywheel—Magneto Note: 220804 Screen 220803 Support—Screen 230397 Spacer (4) 93125 Screw (4) 67632 Washer (4) Used on type No. 0145.	294681	Pin Assembly—Piston—.005" O. S.	
8	297704	Breather	24	61760	Key—Flywheel	29	291234	Rod Assy.—Connecting
9	*66214	Gasket—Valve Cover	25	294676	Piston Assy.—Standard	30	220871	Dipper—Connecting Rod
11	67068	Tube—Breather		294677	Piston Assy.—.010" O. S.	31	22947	Lock—Conn. Rod Screw
12	*66224	Gasket—Crankcase Cover		294678	Piston Assy.—.020" O. S.	32	91162	Screw—Connecting Rod
14	91442	Screw—Cylinder Head Note: 93358 Screw—Cap, 5/16-18 x 3-1/2" (2) 230705 Spacer (2) Used on type Nos. 0128, 0135.		294679	Piston Assy.—.030" O. S.	33	23835	Valve—Exhaust Note: 26735 Valve—Exhaust Used on type Nos. 0124, 0151, 0152.
15	91084	Plug—Pipe—3/8"	PISTON RING SETS:			34	23836	Valve—Intake Note: 23835 Valve Used on type Nos. 0124, 0151, 0152.
16	260775	Crankshaft Note: 260767 Crankshaft Used on type Nos. 0112, 0130, 0155. 260768 Crankshaft Used on type Nos. 0020, 0113, 0122, 0123, 0126, 0139, 0142, 0144, 0146, 0152, 0154, 0157. 260770 Crankshaft Used on type Nos. 0115, 0124, 0133, 0140, 0147, 0148. 260771 Crankshaft Used on type Nos. 0030, 0116, 0128, 0129, 0131, 0132, 0135, 0143, 0156. 260788 Crankshaft Used on type No. 0141. 260790 Crankshaft Used on type Nos. 0127, 0149. 260798 Crankshaft Used on type No. 0145. 260799 Crankshaft Used on type Nos. 0138, 0151.		Note: For Chrome Piston Ring Set — Standard Size — order Part No. 298746.	35	65906	Spring—Intake Valve	
			26	292100	Ring Set—Piston—Std. Includes: 210076 Ring—Piston, Comp., Top and Center, Standard 61292 Ring—Piston, Oil, Standard	36	65906	Spring—Exhaust Valve Note: 26828 Spring—Exhaust Valve Used on type Nos. 0124, 0130, 0131, 0134, 0151, 0152.
				292101	Ring Set—Piston—.010" O. S. Includes: 210077 Ring—Piston, Comp., Top and Center, .010" O. S. 61335 Ring—Piston, Oil, .010" O. S.	40	68293	Retainer—Valve Spring Note: 292260 Rotocap—Exhaust Valve Used on type Nos. 0124, 0130, 0131, 0134, 0151, 0152.
				292102	Ring Set—Piston—.020" O. S. Includes: 210078 Ring—Piston, Comp., Top and Center, .020" O. S. 61336 Ring—Piston, Oil, .020" O. S.	41	68283	Collar—Valve Spring Retainer
				292103	Ring Set—Piston—.030" O. S. Includes: 210079 Ring—Piston, Comp.,	45	63659	Tappet—Valve
						46	211304	Gear—Cam
						50	21769	Elbow—Carburetor Intake
						51	†*65647	Gasket—Intake Elbow Note: 270310 Gasket—Intake Elbow Used on type No. 0129.
						52	*65647	Gasket—Intake Elbow Mounting
						79	291356	Case Assembly—Gear
						81	220790	Lock—Gear Case Mounting Screw
						83	291309	Shaft Assembly—Drive Note: 292466 Shaft Assembly—Drive Used on type Nos. 0128, 0129, 0135.

Included in Gasket Set—Part No. 294736.

† Included in Carburetor Overhaul Kit—Part No. 291763.

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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
85	91386	Screw—Gear Case Cover (2" long)			Used on type Nos. 0125, 0134, 0150.	171	92129	Nut—Hex.—1/4-28
86	291354	Cover Assy.—Gear Case			296573 Body Assembly—	180	291488	Tank Assembly—Fuel (6 Quart)
87	298423	Seal—Oil			Lower Carburetor			Note: 290816 Tank Assy.—Fuel (4 Quart)
88	27328	Gasket—Gear Case Cover			Used on type No. 0140.			Used on type Nos. 0124, 0125, 0138, 0149.
89	91488	Plug—Square Hd., 1/8", Pipe	108	62872	Valve—Choke			291513 Tank Assembly—Combination Fuel (6 Quart)
90	293950	Carburetor Assembly	109	89531	Shaft and Lever—Choke			Used on type Nos. 0123, 0151.
	Note:	292106 Carburetor Assy. Used on type Nos. 0123, 0151.			Note: 295374 Shaft and Lever—Choke			Used on type Nos. 0123, 0151.
		296135 Carburetor Assy. Used on type No. 0150.	110	62899	Washer—Choke Lever			292415 Tank Assy.—Fuel (8 Quart)
		296724 Carburetor Assy. Used on type No. 0140.	111	26155	Spring—Choke Lever			Used on type Nos. 0141, 0142.
		297385 Carburetor Assy. Used on type Nos. 0125, 0134.	112	23123	Screw—Choke Lever			
91	291655	Body Assembly—Upper Carburetor	113	†99345	Nozzle—Carburetor	181	69221	Cap—Fuel Tank
	Note:	296723 Body Assembly—Upper Carburetor Used on type No. 0140.	114	†68667	Gasket—Nozzle	182	22813	Bracket—Fuel Tank
		297392 Body Assembly—Upper Carburetor Used on type Nos. 0125, 0134.	115	†23117	Retainer—Needle Valve			Note: 221435 Bracket
					Note: 292226 Retainer Assy.—Jet Needle			90681 Screw—Cap, Hex. Hd.—5/16-18 x 5/8 (2)
			116	†68677	Packing—Needle Valve			22963 Washer (2)
			117	†23118	Nut—Needle Valve Packing			Used with Bracket on type Nos. 0128, 0135.
			118	†230009	Valve—Needle	183	291490	Strap Assy.—Fuel Tank
					Note: 230085 Valve—Needle Used on type Nos. 0123, 0151.			Note: 291367 Strap Assembly—Fuel Tank
92	99375	Body—Upper Carburetor	119	90746	Screw—Machine, Fill. Hd.—10-32 x 5/8"			Used on type Nos. 0124, 0125, 0138, 0149.
	Note:	297382 Body—Upper Carb. Used on type Nos. 0125, 0134.	120	92290	Washer—Lock—No. 10 x 1/16 x 3/64"	184	91257	Screw—Machine, Fill. Hd.—1/4-20 x 1-1/4"
93	23108	Bushing—Throttle Shaft	121	291763	Carburetor Overhaul Kit	185	90970	Nut—Square—1/4-20
94	†292681	Valve Assembly—Carburetor Idle	123	90700	Screw—Cap, Hex. Hd.—1/4-20 x 3/4"	186	63377	Connector—Fuel Pipe
95	93038	Screw—Choke and Throttle Valve Mtg. Sem	163	*67247	Gasket—Air Cleaner Mtg.			Note: 67218 Connector—Fuel Pipe
96	62940	Valve—Throttle	164	291462	Pipe Assy.—Air Cleaner			Used on type Nos. 0125, 0128, 0129, 0134, 0135, 0137, 0150.
97	291300	Shaft Assy.—Throttle			Note: 296036 Pipe Assembly—Air Cleaner	187	29476	Pipe—Fuel
98	91920	Screw—Machine, Fill. Hd.—8-32 x 5/8"			Used on type Nos. 0125, 0128, 0129, 0134, 0135.			Note: Fuel Pipes used on type No. 0134 are furnished by the equipment manufacturer.
99	26157	Spring—Throttle Adjustment	165	92650	Nut—Wing			29025 Pipe—Fuel—18" long
100	61967	Stop—Throttle	166	230739	Stud—Air Cleaner			89248 Pipe—Fuel—2-1/4" long
101	93043	Pin—Throttle Lever			Note: 23870 Stud—Air Cleaner Used on type No. 0122.			92655 Tee—Pipe Fitting Used on type Nos. 0123, 0151.
102	†27034	Gasket—Carburetor Body			230768 Stud—Air Cleaner Used on type Nos. 0125, 0128, 0129, 0134, 0135.			293006 Pipe—Fuel—12" long
103	99333	Float—Carburetor	167	66648	Gasket—Air Cleaner Stud			
104	†230896	Pin—Float Hinge	168	22832	Strap—Air Cleaner Pipe			
105	†299096	Valve—Fuel Inlet	169	90832	Washer—Lock—1/4 x 3/32 x 5/64"			
107	89915	Body Assembly—Lower Carburetor	170	91468	Screw—Cap, Hex. Hd.—1/4-20 x 3/8"			
	Note:	295860 Body Assembly—Lower Carburetor						

* Included in Gasket Set—Part No. 294736.

† Included in Carburetor Overhaul Kit—Part No. 291763.

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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
		Used on type Nos. 0131, 0143.			298090 Filter (In Fuel Pipe)	301	91416	Nipple—Exhaust, Pipe
		295050 Pipe—Fuel (Flexible)			297563 Outlet—Fuel Tank	302	91310	Locknut—Muffler
		Uses: 93053 Clamps			Used on type No. 0150.	303	91296	Elbow—Exhaust 90°, Pipe
		Used on type Nos. 0125, 0129, 0150.	241	99909	Cover Assy.—Fuel Filter		Note:	91308 Elbow—Muffler, 90° Street
		296004 Pipe—Fuel (Flexible)			Note: 296005 Cover Assembly— Fuel Filter			Used on type No. 0137.
		Uses: 93053 Clamps (2)			Used on type Nos. 0125, 0129.			92130 Elbow, 45° Street, Exhaust Pipe
		Used on type Nos. 0128, 0135.			296019 Cover Assembly— Fuel Filter	304	291280	Housing—Blower
		296576 Pipe—Fuel			Used on type Nos. 0128, 0135.		Note:	294742 Housing—Blower
		Used on type No. 0140.	242	295913	Valve—Fuel Shut-Off			Used on type Nos. 0128, 0129, 0134, 0137, 0145.
188	92272	Screw—Cap, Hex. Hd.— 5/16-18 x 3/4"			Note: 293934 Valve—Fuel Shut-Off			295194 Housing—Blower
189	90366	Washer—Lock— 5/16 x 1/8 x 1/16"			Used on type No. 0150.			Used on type Nos. 0138, 0151.
192	91397	Nut—Hex.—5/16-18	243	22547	Screen—Fuel Filter			Rewind Starters used on type Nos. 0138, 0151
196	22907	Support—Upper Fuel Tank	244	53029	Connector—Fuel Pipe			are Model S-475, Type 69K
201	26674	Link—Throttle			Note: 67218 Connector—Fuel Pipe			Starters made and ser- viced by Fairbanks Morse & Co., Beloit, Wis.
204	23849	Bushing—Control Lever			Used on type Nos. 0128, 0135, 0150.			297237 Housing—Blower
206	21772	Nut—Governor Adjusting			230318 Connector—Fuel Pipe			Used on type No. 0150.
		Note: 93384 Nut—Governor Stop (2)			Used on type Nos. 0125, 0129.	305	93158	Screw—Backplate Mtg.
		Used on type Nos. 0010, 0020, 0030, 0125, 0134, 0136, 0137, 0145.	245	*68477	Gasket—Fuel Filter Bowl	306	220861	Shield—Cylinder
208	23957	Rod—Gov. Control	246	298683	Bowl—Fuel Filter	308	294683	Cover—Cylinder Head
		Note: 230039 Rod—Gov. Control	247	99665	Yoke Assembly—Fuel Filter	321	211166	Pulley—V-Belt Starter
		Used on type Nos. 0010, 0020, 0021, 0030, 0125, 0134, 0136, 0137, 0145.	266	291460	Control—Throttle	323	66828	Belt—Vee
209	26643	Spring—Governor	268	65616	Casing—Control Wire— 72" long	325	299308	Pulley—Electric Starter (with Screen)
219	291192	Gear Assy.—Governor			Note: If longer casing is required, specify length in inches; if shorter casing is needed, order No. 65616 and cut to required length.	328	221531	Guard—Belt
223	22814	Lever—Governor Control	269	26633	Wire—Control—78" long	329	93294	Screw—Belt Guard Mounting Sem
		Note: Governor Control Lever used on type Nos. 0128, 0129, 0135 is furnished by the Equipment Manufacturer.			Note: If longer wire is required, specify length in inches; if shorter wire is needed, order No. 26633 and cut to required length.	332	230674	Nut—Flywheel
225	291177	Shaft—Governor Gear				333	298968	Armature Assembly
227	291365	Lever Assy.—Governor				334	93381	Screw—Armature to Mounting Bracket Sem
230	22826	Washer—Governor Crank				337	29693	Plug—Spark (with Gasket)
240	99910	Filter Assembly—Fuel					Note:	293918 Plug—Spark (with Gasket)
		Note: 295977 Filter Assy.— Fuel	270	63426	Locknut—Control Wire Casing			Used on type Nos. 0146, 0156, 0157.
		Used on type Nos. 0128, 0135.				338	29806	Gasket—Spark Plug
		295984 Filter Assembly— Fuel	271	290568	Lever Assy.—Control	339	298185	Breaker Assy.—Ignition
		Used on type Nos. 0125, 0129.			Note: 93062 Screw—Sem	340	26018	Spring—Breaker Arm
					Used to mount Control Lever on type No. 0153.	342	298123	Plunger—Contact
			300	290933	Muffler—Exhaust	343	298060	Condenser
						345	211327	Cover—Breaker
						346	93400	Screw—Breaker Cover Mtg.
						347	220197	Switch—Stop
							Note:	293739 Switch—Stop Used on type No. 0125.

* Included in Gasket Set—Part No. 294736.

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REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
353	92791	Washer—Lock—Shakeproof		221400	Pulley—Rope Starter	571	291378	Support Assembly—Ball Bearing
354	90576	Nut—Lock (2)			Used on type No. 0137.	572	291476	Guide—Front Air
356	295413	Wire—Ground				573	298863	Plate—Back
357	91540	Key—Pulley Mounting	518	69932	Rope—Starter	586	22906	Lock—Flywheel Nut
358	294736	Gasket Set		Note:	295904 Rope—Starter	587	221340	Clamp—Cable
362	291630	Shield—Spark Plug			Used on type Nos. 0124, 0128, 0129, 0135.	588	211438	Bracket—Armature Mtg.
	Note:	66538 Elbow—Spark Plug	521	291508	Shielding—Ignition Cable	589	93473	Screw—Armature Bracket to Cylinder Mounting Sem
		Used on type Nos. 0125, 0137.	535	270093	Element—Air Cleaner	590	93171	Screw—Breaker Mtg. Sem
363	19068	Puller—Flywheel (Optional Accessory)	536	297869	Cleaner—Air	591	65932	Plug—Camshaft
379	22984	Cover—Fuel Pump Hole		Note:	291858 Cleaner—Air	592	90356	Nut—Hex. —10-24
382	92666	Screw—Cap, Hex. Hd. — 1/4-20 x 1/2"	550	*22353	Washer—Valve Cover	593	*27295	Gasket—Plain or Ball Bearing Support— .020" Thick
383	89838	Wrench—Spark Plug	551	22795	Cover—Valve		*27296	Gasket—Plain or Ball Bearing Support— .005" Thick
386	27314	Gasket—Fuel Pump Hole Cover	552	23837	Bushing—Governor Crank		*27297	Gasket—Plain or Ball Bearing Support— .009" Thick
423	93410	Screw—Cable Clamp Mtg.	553	62222	Cup—Valve Spring	594	91449	Screw—Bracket Mounting
451	90364	Washer—Lock— No. 8 x 3/64 x 1/32"	554	66203	Shaft—Cam	605	297171	Bracket—Support
492	296028	Starter—Generator (Delco-Remy No. 1101968)	556	90887	Screw—Cap, Hex. Hd. — 3/8-16 x 1-1/4"	606	221471	Strap—Adjusting
		Uses: 296182 Pulley (Delco-Remy No. 1943222)	557	92636	Screw—Cap, Hex. Hd. — 1/2-20 x 2"	636	92864	Washer—Lock
		For service see your nearest "Authorized Delco-Remy Service Station of United Motors".	558	92268	Washer—Lock— 3/8 x 1/8 x 3/32"	637	66154	Washer—Back Plate Terminal (2)
493	211153	Bracket—Starter	559	91422	Screw—Cap, Hex. Hd. — 1/4-20 x 5/8"	638	26404	Washer—Back Plate Term.
497	91203	Screw—Cap, Hex. Hd. — 5/16-18 x 1-3/4"	560	91984	Pin—Cotter— 1/16 x 1/4" long	639	270176	Gasket—Breaker Cover
500	91325	Washer—Plain	562	92613	Bolt—Governor Lever	640	298141	Lead—Primary
501	295924	Regulator—Voltage (Delco-Remy No. 1118988)	563	92863	Screw—Self Tapping, Hex. Hd. —1/4-20 x 5/8"	642	221468	Cover—Air Cleaner
		For service see your nearest "Authorized Delco-Remy Service Station of United Motors".	565	93142	Screw—Bracket to Base Mounting	643	297759	Screen—Air Cleaner
506	90200	Screw—Machine, Rd. Hd. —8-32 x 1/2"	566	99458	Idling Device	644	221466	Base—Air Cleaner
507	66895	Insulator		Uses:	91146 Screw—Cap, Hex. Hd. — 1/4-20 x 7/8"	645	230801	Bushing—Plunger
517	22809	Pulley—Rope Starter			For mounting to Intake Elbow	646	221472	Brace—Bracket
	Note:	Pulley used on Type Nos. 0138, 0151 is from a Model S-475, Type 69K Starter made and serviced by Fairbanks Morse & Co., Beloit, Wis.	567	291364	Crank Assy.—Governor	647	211154	Anchor—Link
			568	290935	Base Assembly—Engine	648	91439	Screw—Cap, Hex. Hd. — 1/4-20 x 3/8"
				Note:	294757 Base Assy.— Engine	649	93546	Screw—Cap, Hex. Hd. — 5/16-18 x 1-1/4"
					Used on type No. 0150.	650	91814	Screw—Cap, Hex. Hd. — 3/8-16 x 2"
					297574 Base Assy.— Engine	652	91162	Screw—Link Anchor Mtg.
					Used on type Nos. 0128, 0129, 0135.	653	91442	Screw—Pulley Mounting
569	*27293	Gasket—Engine Base				654	230783	Nut—Contact Point Adjusting Screw
570	291377	Support Assembly—Plain Bearing				669	297187	Bracket—Guard
						694	91324	Washer—Guard to Bracket Mounting
						722	68768	Seal—Plunger
						723	93516	Eyelet—Seal Retainer
						724	221873	Retainer—Plunger Seal

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