

151

"U"

Illustrated Parts List MODELS

"U" - "UR"

NOTICE

**FILE IN SECTION 2 OF YOUR ENGINE
SERVICE MANUAL.**

**REMOVE AND DESTROY PRESENT
MODEL "U" PARTS LIST (Form MS-1747)
FROM SECTION 2 OF MANUAL.**



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

1. Make a note of your motor TYPE NUMBER (Not the Serial Number) that appears on the metal nameplate attached to motor blower housing.
2. Refer to pages illustrating parts and locate the Master Part Number by comparing your old part with the illustrations. Assemblies include all part numbers bracketed in illustrations. All parts shown in assembly brackets on which part numbers are given can be purchased separately.
3. After the Master Part Number has been identified, refer to the following Parts Lists where these Master Part Numbers are listed in numerical order.

The Master Part is used on all types of motors except those types listed under "Note".
4. If a "Note" appears below the Master Part Number this means that this part is made different from the Master Part for certain types and if your type is listed under "Note", order the part referred to.
5. If two or more parts are bracketed () under "Note", they are used to replace the master part on the type numbers shown.
6. If your Motor Type Number does not appear after any part number listed under "Note", order the Master Part Number.
7. When ordering parts or writing for service information always specify the MODEL LETTER TYPE NUMBER and SERIAL NUMBER of your motor.

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Plate No. 17

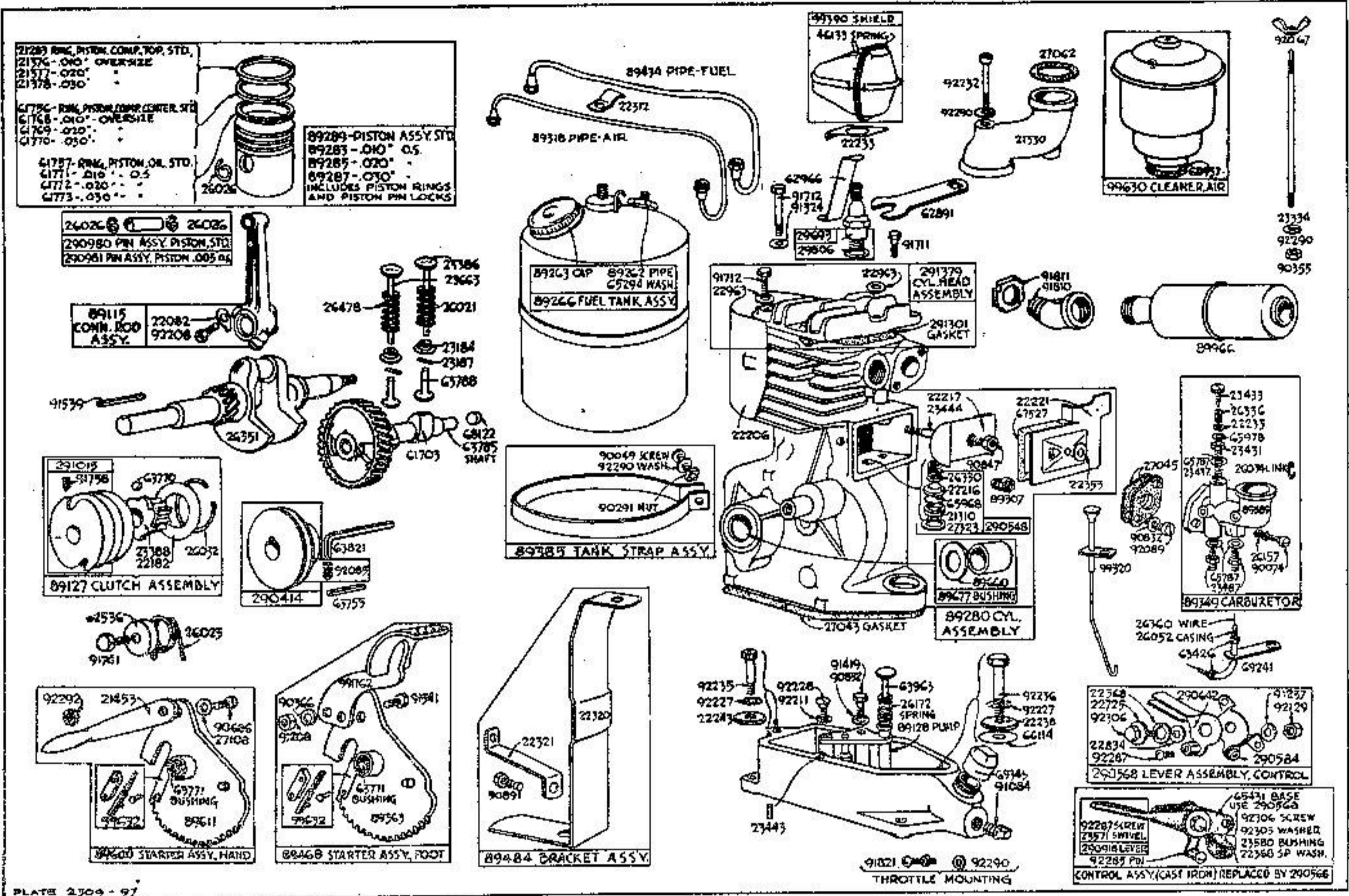


PLATE 2304-97

Plate No. 18

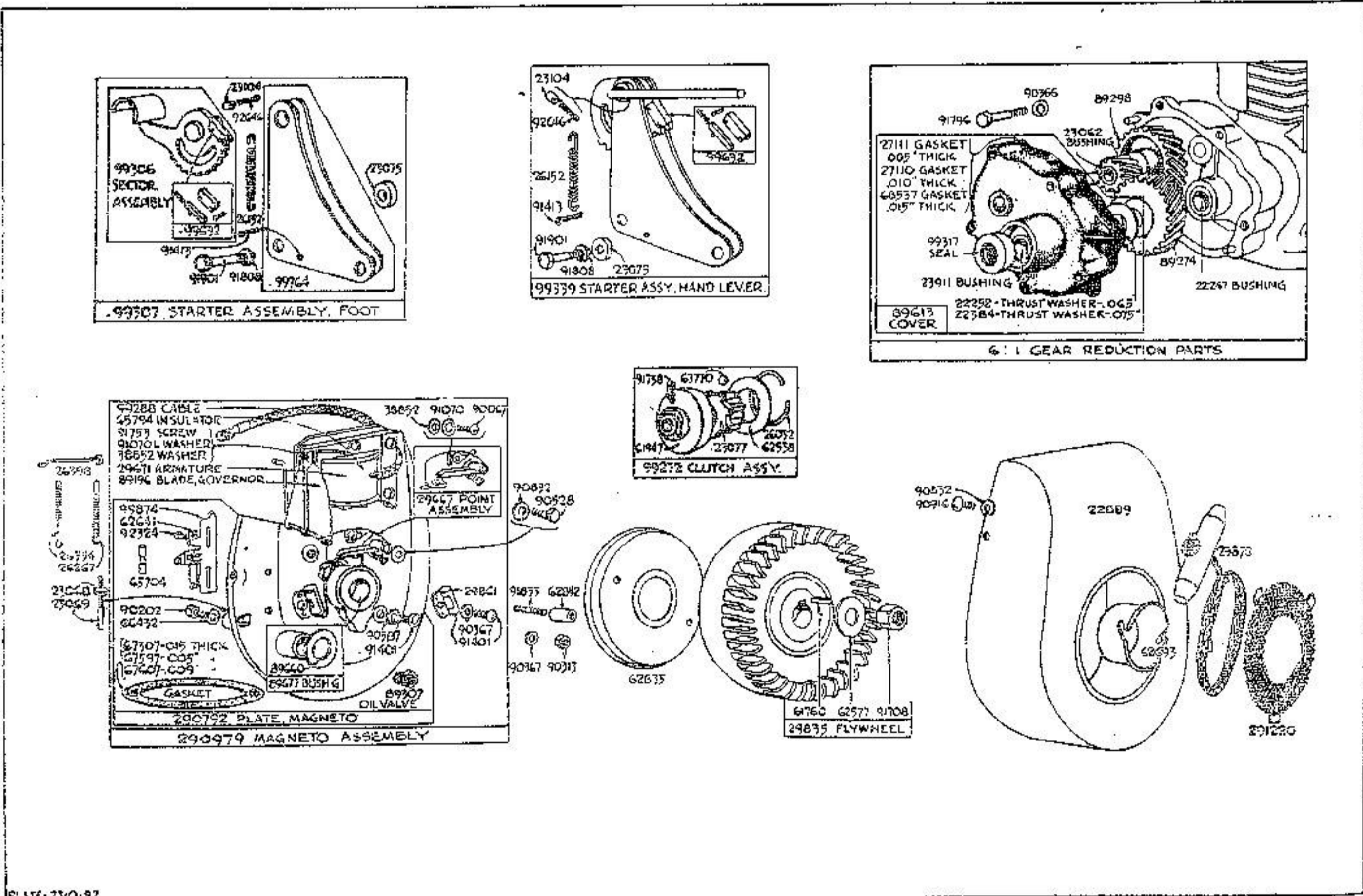


PLATE 2310-97

Assemblies include all parts shown in brackets

PART NO.	DESCRIPTION	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
21283	Ring—Piston, Comp., Top—Standard	26336	Spring—Needle Valve	65978	Packing—Needle Valve
21310	Body—Breather	26351	Crankshaft	66114	Washer—Cylinder Mounting
21330	Elbow—Air Cleaner	Note:	26316 Crankshaft	66432	Washer—Speed Adjuster Retainer
21376	Ring—Piston, Comp., Top—.010" O.S.		Used on type Nos. 204052, 204053, 204063, 204079, 204082, 204083, 204087, 204093.	67307	Gasket—Magneto Plate—.015" thick
21377	Ring—Piston, Comp., Top—.020" O.S.		26324 Crankshaft	67527	Gasket—Valve Cover
21378	Ring—Piston, Comp., Top—.030" O.S.		Used on type Nos. 204054, 204057, 204066, 204067, 204068, 204070, 204078, 204088, 204097, 204098, 204099.	67597	Gasket—Magneto Plate—.005" thick
21453	Lever—Hand Starter		26352 Crankshaft	67607	Gasket—Magneto Plate—.009" thick
Note:	21373 Lever—Hand Starter		Used on type Nos. 204055, 204056, 204071, 204072, 204095.	68122	Plug—Cam Shaft
	Used on engines before Serial No. 13301 is replaced by No. 89600 Starter Assembly.		26378 Crankshaft	68537	Gasket—Gear Cover—.015" thick
22082	Lock—Connecting Rod Screw		Used on type Nos. 204064, 204065, 204081, 204084, 204085, 204089, 204090.	68957	Gasket—Air Cleaner Mounting
22182	Washer—Clutch Retainer	26360	Wire—Control—65-1/2" long	69241	Tube—Control Casing
22206	Shield—Cylinder	Note:	If longer wire is needed, specify length in inches; if shorter wire is needed, order No. 26360 and cut to required length.	69345	Cap—Oil Filler
22216	Cover—Breather			89115	Rod Assembly—Connecting
22217	Shield—Oil Spray			89127	Clutch Assembly—Starter
22221	Cover—Valve			Note:	89377 Clutch Assy.—Starter
22233	Plate—Spark Plug Shield Support				Used on type Nos. 204063, 204087.
22235	Washer—Needle Valve	26398	Link—Throttle	89128	Pump Assembly—Oil
22238	Washer—Cylinder Mounting	26478	Spring—Exhaust Valve	89196	Blade Assembly—Governor
22243	Washer—Cylinder Mounting	27043	Gasket—Engine Base	89262	Outlet Assembly—Fuel Tank
22247	Bushing—Cylinder	27045	Gasket—Carburetor Mounting	Note:	89528 Outlet Assy.—Fuel Tank
22252	Washer—Thrust—.065" Thick	27062	Gasket—Air Cleaner Mounting		Used on type Nos. 204078, 204098.
22312	Strap—Fuel Pipe	27108	Washer—Starter Lever	89263	Cap—Fuel Tank
22320	Bracket—Fuel Tank	27110	Gasket—Gear Cover—.010" thick	Note:	69221 Cap—Fuel Tank
Note:	22307 Bracket—Fuel Tank	27111	Gasket—Gear Cover—.005" thick		Used on type Nos. 204078, 204098.
	Used on type Nos. 204054, 204055, 204056, 204057, 204063, 204066, 204067, 204068, 204070, 204071, 204072, 204087, 204088, 204091, 204094, 204095, 204097, 204099.	27323	Gasket—Breather Body	89266	Tank Assembly—Fuel
22321	Support—Fuel Tank	29667	Point Assembly—Contact	Note:	89527 Tank Assembly—Fuel
Note:	22308 Clip—Fuel Tank	29671	Armature—Magneto		Used on type Nos. 204078, 204098.
	For type numbers see "Note" under Master Part No. 22320.	29693	Plug—Spark (with Gasket)	89274	Shaft Assembly—Drive
22353	Washer—Valve Cover	29806	Gasket—Spark Plug	Note:	89441 Shaft Assembly—Drive
22368	Washer—Control Lever	29835	Flywheel—Magneto		Used on type Nos. 204070, 204071, 204072, 204095.
22384	Washer—Thrust—.075" Thick	29861	Condenser	89280	Cylinder
22725	Washer—Control Lever	29878	Rope—Starter	Note:	89393 Cylinder
22834	Washer—Spacer	38852	Washer—Armature and Contact Bracket		Used on type Nos. 204054, 204055, 204056, 204057, 204066, 204067, 204068, 204070, 204071, 204072, 204078, 204088, 204095, 204097, 204098, 204099.
22889	Housing—Blower	46133	Spring—Spark Plug Shield	89465	Cylinder
22963	Washer—Cylinder Head	61703	Gear—Cam		Used on type Nos. 204073, 204074.
23062	Bushing—Intermediate Gear	61756	Ring—Piston, Comp., Center—Standard	89283	Piston Assembly—.010" O.S.
23068	Nut—Speed Adjusting	61757	Ring—Piston, Oil—Standard	89285	Piston Assembly—.020" O.S.
23069	Screw—Speed Adjusting	61760	Key—Flywheel	89287	Piston Assembly—.030" O.S.
23075	Spacer—Foot Pedal Support	61768	Ring—Piston, Comp., Center—.010" O.S.	89289	Piston Assembly—Standard
23077	Pinion—Starter	61769	Ring—Piston, Comp., Center—.020" O.S.	89298	Gear—Intermediate
23104	Spacer—Foot Pedal Support	61770	Ring—Piston, Comp., Center—.030" O.S.	Note:	89442 Gear—Intermediate
23184	Retainer—Valve Spring	61771	Ring—Piston, Oil—.010" O.S.		Used on type Nos. 204070, 204071, 204072, 204095.
23187	Pin—Valve Spring Retainer	61772	Ring—Piston, Oil—.020" O.S.	89307	Valve—Oil Return
23334	Stud—Air Cleaner	61773	Ring—Piston, Oil—.030" O.S.	89318	Pipe—Air—14" long
23386	Valve—Intake	61947	Housing—Starter Clutch	Note:	89425 Pipe—Air—6-1/2" long
23388	Valve—Starter	62536	Cup—Starter Return Spring		Used on type Nos. 204054, 204055, 204056, 204057, 204063, 204066, 204067, 204068, 204070, 204071, 204072, 204087, 204088, 204091, 204094, 204095, 204097, 204099.
23431	Nut—Needle Valve	62538	Washer—Clutch Retainer	89349	Carburetor Assembly
23432	Seat—Needle Valve	62577	Washer—Flywheel	89363	Sector—Starter
23433	Valve—Needle	Note:	62903 Washer—Flywheel	89383	Base—Engine
23443	Pin—Dowel		Used on engines with foot or hand lever starters on magneto side.	Note:	89362 Base
23444	Stud—Valve Cover	62641	Plate—Speed Adjuster		Used on type Nos. 204063, 204066, 204068, 204078, 204088, 204098, 204099.
23487	Connector—Fuel Pipe	62693	Pulley—Rope Starter	89402	Base—Engine
23571	Swivel—Control Lever	62835	Cover—Dust		Used on type Nos. 204064, 204065, 204081, 204089, 204090.
23580	Bushing—Control Lever	62842	Spacer—Dust Cover	89407	Base—Engine
23663	Valve—Exhaust	62891	Wrench—Spark Plug and Filler Cap		Used on type Nos. 204058, 204069, 204074, 204075, 204090.
23911	Bushing—Gear Cover	62966	Switch—Stop	89408	Base—Engine
26021	Spring—Intake Valve	63426	Locknut—Control Wire Casing		Used on type No. 204095.
26025	Spring—Pedal Return	63755	Key—3/16" Square	89409	Base—Engine
26026	Lock—Piston Pin	63770	Ball—Clutch		Used on type Nos. 204054, 204057, 204070, 204087, 204088, 204091, 204094, 204095, 204097, 204099.
26032	Spring—Clutch Retainer	63771	Bushing—Starter Sector	89409	Base—Engine
26034	Link—Governor Spring	63785	Shaft—Cam		Used on type Nos. 204058, 204069, 204074, 204075, 204090.
26052	Casing—Control Wire—63" long	63788	Tappet—Valve	89408	Base—Engine
Note:	If longer casing is needed, specify length in inches; if shorter casing is needed, order No. 26052 and cut to required length.	63821	Wrench—5/16" Socket Head Set Screw		Used on type No. 204095.
26152	Spring—Pedal and Lever Return	63965	Plunger—Oil Pump	89409	Base—Engine
26157	Spring—Throttle Adjusting	65294	Washer—Fuel Tank Outlet		Used on type Nos. 204054, 204057, 204067, 204070, 204087, 204091, 204094, 204097.
26172	Spring—Pump Plunger	65704	Plunger—Contact Point		
26267	Spring—Control Wire Return	65787	Gasket—Fuel Pipe Connector		
26330	Spring—Breather Retainer	65794	Insulator—Armature		
26334	Spring—Governor	65968	Disc—Breather		



PART NO.	DESCRIPTION	PART NO.	DESCRIPTION	PART NO.	DESCRIPTION
89436	Base-Engine Used on type Nos. 204055, 204056, 204071, 204072.	90832	Lockwasher-1/4 x 3/32 x 5/64"	92324	Rivet-Tubular-1/8 x 7/32"
89451	Base-Engine Used on type No. 204084.	90847	Nut-Hex.-1/4-28	92646	Pin-Cotter-1/8 x 1-1/2"
89460	Base-Engine Used on type No. 204073. Includes: 23534 Elbow-Oil Filler	90891	Screw-Cap, Hex. Hd.-1/4-20 x 1/2"	99272	Clutch Assembly-Starter
89691	Base-Engine Used on type No. 204085. Includes: 23596 Elbow-Oil Filler	90916	Screw-Machine, Rd. Hd.-1/4-20 x 1/2"	99288	Cable-Ignition
89385	Strap Assembly-Fuel Tank	91070	Plug-Pipe-Shakeproof No. 1208	Note: 99391	Cable-Ignition Used on type Nos. 204075, 204089, 204090.
89434	Pipe-Fuel-3/16" x 14" long	91084	Plug-Pipe-3/8"	99306	Pedal-Foot Starter
Note: 89435	Pipe-Fuel-6-1/2" long Used on type Nos. 204054, 204055, 204056, 204057, 204063, 204066, 204067, 204068, 204070, 204071, 204072, 204087, 204088, 204091, 204094, 204095, 204097, 204099.	Note: 90878	Plug-Pipe-1/4" Used on engines equipped with bases which have 1/4" pipe tapped drain holes.	Note: 89587	Pedal-Foot Starter Used on type Nos. 204055, 204071.
89530	Pipe-Fuel-3/16" x 25-1/2" long Used on type No. 204078.	91208	Nut-Hex.-5/16-24	99307	Starter Assembly-Foot
89681	Pipe-Fuel-3/16" x 14" long Used on type No. 204098.	91237	Lockwasher-1/4 x 3/32 x 3/64"	Note: 89588	Starter Assembly-Foot Used on type Nos. 204055, 204071.
89468	Starter Assembly-Foot	91324	Washer-1/4" Standard	99317	Seal-Oil
89484	Bracket Assembly-Fuel Tank	Note: 68873	Washer Used on type No. 204063.	99320	Control Assembly-Throttle
Note: 89590	Bracket Assy.-Fuel Tank Used on type Nos. 204054, 204055, 204056, 204057, 204063, 204066, 204067, 204068, 204070, 204071, 204072, 204087, 204088, 204091, 204094, 204095, 204097, 204099.	91401	Screw-Machine, Fill. Hd.-8-32 x 1/4"	99339	Starter Assembly-Hand Lever
89589	Body-Carburetor	91413	Pin-Cotter-1/8 x 1"	99390	Shield-Spark Plug
89600	Starter Assembly-Hand	91419	Screw-Cap, Hex. Hd.-1/4-20 x 5/8"	99630	Cleaner Assembly-Air
89611	Sector Assembly-Starter	91539	Key-3/16" Square	99632	Tooth Assembly-Spring
Note: 89363	Sector Assy.-Starter Used on engines with Hand Lever Starters before Serial No. 13301.	91541	Screw-Cap, Hex. Hd.-5/16-24 x 7/8"	99762	Pedal-Foot Starter
89613	Cover Assembly-Gear Case	91708	Nut-Flywheel	99764	Support Assembly-Foot Lever
89660	Seal-Oil Used on engines after Serial No. 10,000.	Note: 91900	Nut-Flywheel Used on engines with foot or hand lever starters on magneto side.	99874	Adjuster-Speed
Note: 23495	Ring-Oil Retainer Used on engines before Serial No. 10,000.	91711	Screw-Cylinder Head (short)	290414	Pulley-Drive-"V" Belt-2" Dia.
89677	Bushing-Cylinder or Magneto Used on engines after Serial No. 10,000.	91712	Screw-Cylinder Head (long)	290548	Breather Assembly
Note: 89340	Bushing-Cyl. or Magneto Used on engines before Serial No. 10,000.	Note: 91386	Screw-Cylinder Head Used on type No. 204087.	290568	Lever Assembly-Control (Stamped Steel)
89966	Muffler	91442	Screw-Cylinder Head Used on type No. 204063.	Note: 65589	Lever Assembly-Control (Cast Iron)
Note: 89506	Muffler Used on type No. 204058.	91741	Screw-Cap, Hex. Hd.-3/8-24 x 1/2"	Used on type No. 204066.	
99866	Muffler Used on type No. 204066.	91753	Screw-Machine, Fill. Hd.-8-32 x 1"	89583	Lever Assy.-Control (Cast Iron)
90049	Screw-Machine, Rd. Hd.-10-24 x 3/4"	91758	Screw-Set, Socket Head-5/16-24 x 1/2"	Used on type No. 204091.	
90067	Screw-Machine, Rd. Hd.-8-32 x 5/16"	91796	Screw-Cap, Hex. Hd.-5/16-24 x 1-3/4"	Includes: 92282	Screw-Machine, Rd. Hd.-10-24 x 1/2"
90074	Screw-Machine, Rd. Hd.-8-32 x 3/4"	91808	Lockwasher-3/16 x 5/32 x 1/8"	92289	Screw-Machine, Rd. Hd.-10-24 x 7/8"
90202	Screw-Machine, Fill. Hd.-10-32 x 1/2"	91810	Elbow-Exhaust-45°	290584	Base-Control Lever (Stamped Steel)
90291	Nut-Square-10-24 x 3/8"	Note: 91812	Elbow-Exhaust-90° Used on type Nos. 204066, 204073, 204074.	Note: 21441	Base-Control Lever (Cast Iron)
90313	Nut-Hex.-8-32	91811	Locknut-Muffler Elbow	Used on type No. 204091.	
90355	Nut-Hex.-10-32	91821	Bolt and Nut	65631	Base-Control Lever (Cast Iron)
90366	Lockwasher-5/16 x 1/8 x 1/16"	91833	Stud-Dust Cover	Used on type No. 204066.	
90367	Lockwasher-No. 8 x 5/64 x 1/32"	91901	Screw-Cap, Hex. Hd.-7/16-20 x 1-1/2"	290642	Lever-Control
90528	Screw-Cap, Hex. Hd.-1/4-28 x 3/4"	92067	Nut-Wing	290792	Plate-Magneto
90686	Screw-Cap, Hex. Hd.-3/8-24 x 1"	92085	Screw-Set, Socket Head-5/16-24 x 1/4"	Note: 290869	Plate-Magneto Used on type Nos. 204077, 204081.
Note: 91541	Screw-Cap, Hex. Hd.-5/16-24 x 7/8" Used on Hand Lever Starter	92089	Screw-Machine, Fill. Hd.-1/4-20 x 3/4"	290918	Lever Assembly-Control
		92129	Nut-Hex.-1/4-28	290979	Magneto Assembly
		92208	Screw-Connecting Rod	Note: 291198	Magneto Assembly Used on type Nos. 204075, 204089, 204090.
		92211	Lockwasher-Shakeproof No. 1514	291199	Magneto Assembly Used on type Nos. 204077, 204081.
		92227	Lockwasher-Shakeproof No. 1120	Includes: 66155	Wire-Ground Pin Assembly-Piston-Standard
		92228	Screw-Cap, Flat Hd.-1/4-20 x 5/8"	290980	Pin Assy.-Piston-.005" O.S.
		92232	Screw-Machine, Fill. Hd.-10-32 x 2-3/4"	291015	Housing-Starter Clutch
		92235	Screw-Cylinder Mounting	Note: 291016	Housing-Starter Clutch Used on type Nos. 204063, 204087.
		92236	Screw-Cylinder Mounting	291220	Screen-Blower Housing
		92285	Pin-Cotter-No. 18 x 1/4"	Note: 291430	Screen-Blower Housing (Full Screen) Used on engines with no starter on magneto side.
		92287	Screw-Machine, Rd. Hd.-10-32 x 1/4"	291301	Gasket-Cylinder Head (1/16" thick)
		92290	Lockwasher-No. 10 x 1/16 x 3/64"	Note: 67537	Gasket-Cylinder Head (1/32" thick) Used only with cast iron cylinder heads.
		92292	Nut-Hex.-3/8-24	291379	Head Assembly-Cylinder
		Note: 91208	Nut-Hex.-5/16-24 Used on Hand Lever Starter engines before Serial No. 13301.	Note: 21456	Head-Cylinder Used on type No. 204091.
		92305	Washer-Control Lever (1/16" thick)	291381	Head Assy.-Cylinder Used on type Nos. 204075, 204089, 204090.
		92306	Screw-Cap, Hex. Hd.-1/4-28 x 5/8"		
		Note: 90802	Screw-Cap, Hex. Hd.-1/4-20 x 1-1/2"		
		92278	Nut-Hex.-1/4-20		