

3-23-7/
PARTS LIST

HOMELITE

XL-123

CHAIN SAW

HOMELITE®

A **Textron**
DIVISION

PORT CHESTER, N.Y. U.S.A.

PRICE .25

PART NO. 24469

XL-123

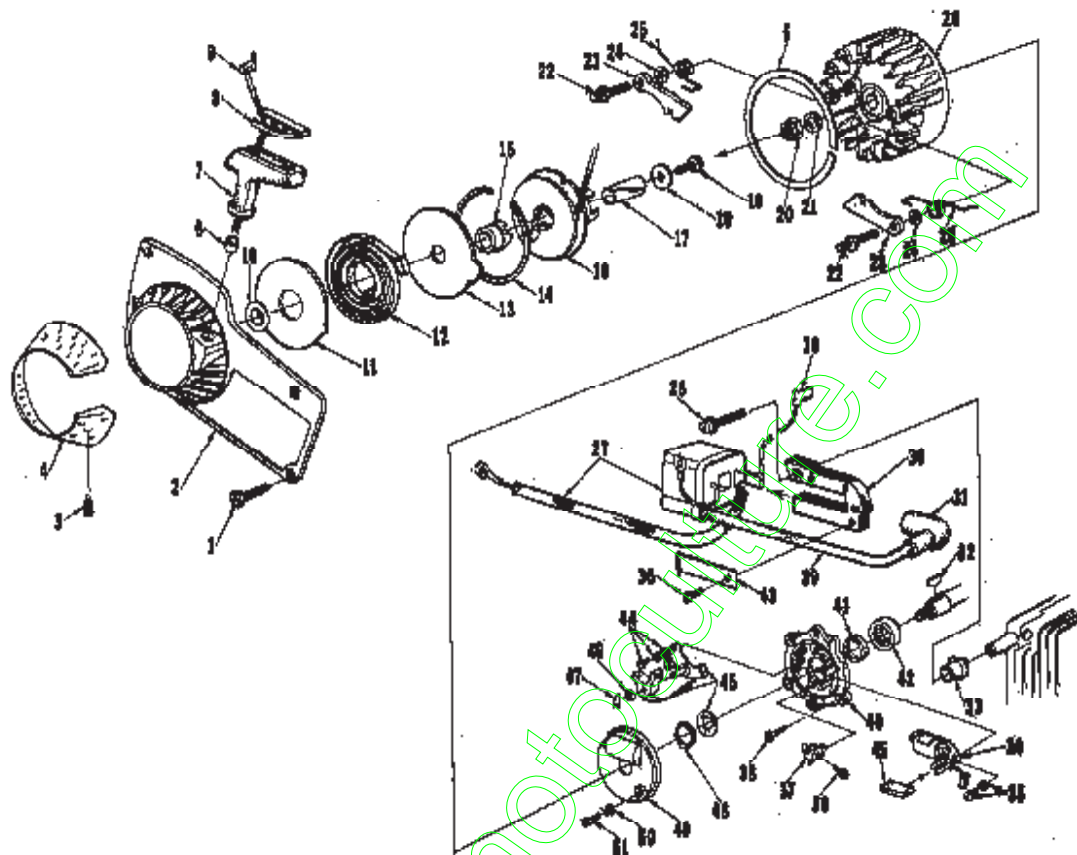
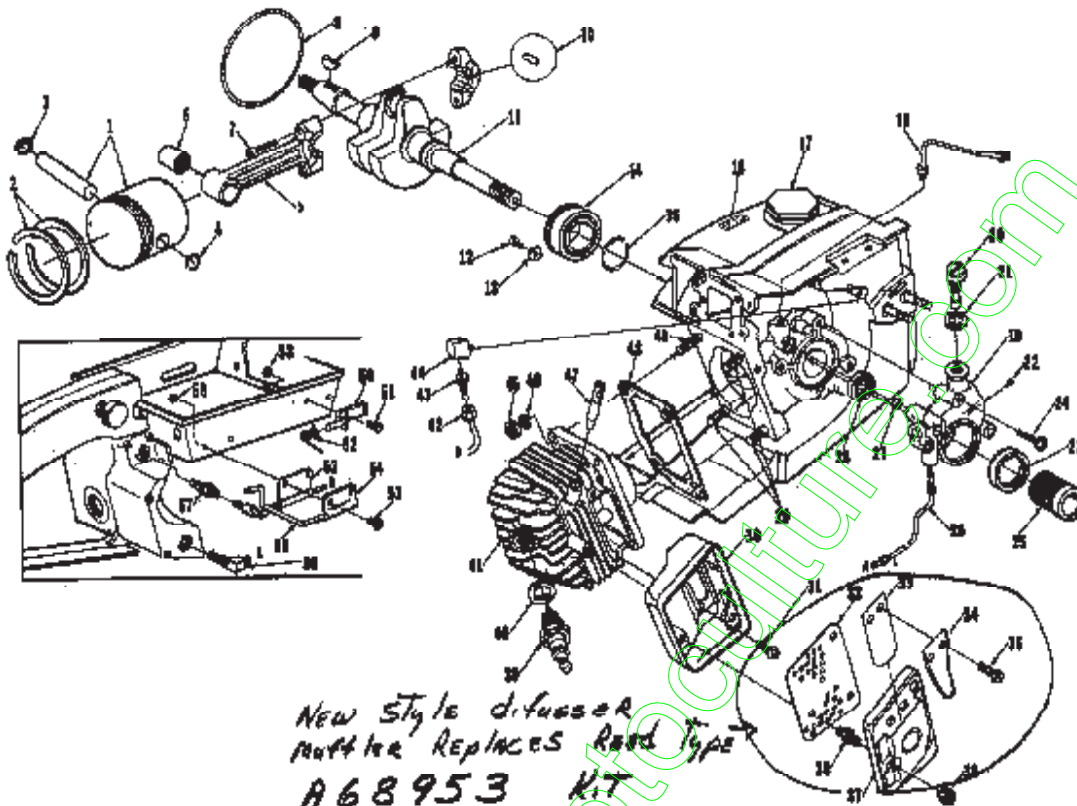


FIGURE 1

No.	Description	Part No.	Qty.	No.	Description	Part No.	Qty.
1	SCREW-hex, 8-32 x 1/2	80883	4	27	COIL-ignition	84091	1
2	HOUSING-fan	A-87192-A	1	28	SCREW-coil core	84021	2
3	Includes: STUD-drive	87191	4	29	LEAD-ground to switch	A-63939	1
4	SCREEN-fan housing	85491	1	30	CORE-coil	84422	1
5	RING-air flow	87222	1	31	TERMINAL-spark plug	A-83055	1
6	BUSHING-starter rope	87177	1	32	KEY-woodruff	75078	1
7	GRIP-starting rope	84155-A	1	33	RETAINER-lead	84301	1
8	INSERT-rope retaining	84154-A	1	34	CONDENSER & CLAMP	84086	1
9	ROPE-starter	83889	1	35	SCREW-condenser clamp	85411	2
10	WASHER	87185	1	36	SCREW	84090	2
11	SHIELD-spring (inner)	83713	1	37	BLOCK-terminal	84088	1
12	SPRING-rewind	83670	1	38	SCREW-back plate retainer	85321	3
13	SHIELD-spring (outer)	83714	1	39	LEAD-high tension	88988	1
14	RING-shield retaining	83875	1	40	PLATE-back	A-88142	1
15	LOCK-spring	84848	1	41	Includes: SEAL	88688-A	1
16	PULLEY & CUP ASSEMBLY	A-83852-B	1	42	BEARING-roller	87995	1
17	BUSHING-starter post	84374	1	43	CLIP-coil retaining	84423	1
18	WASHER-retaining	83808	1	44	SCREW-breaker clamp	78421	2
19	SCREW-hex, 10-32 x 1/2	80849	1	45	POINT-set w/felt	A-84097	1
20	NUT-lock, 5/16-24	81112	1	46	Includes: WASHER-post	28028	1
21	WASHER-flat, 5/16	84085-1	1	47	CLIP-post	28008	1
22	STUD-shoulder	83877	2	48	RETAINER-felt	84089	1
23	PAWL-starter	84442	2	49	COVER-breaker box	A-83928	1
24	WASHER-flat	88851	2	50	WASHER-flat #8	84018	2
25	SPRING-starter pawl	88758-2	2	51	SCREW-cover	84085	2
26	ROTOR-magneto	83637	1				

*Denotes new parts

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No.	Description	Part No.	Qty.	No.	Description	Part No.	Qty.
* 1	PISTON & PIN Includes:	A-88438	1		MUFFLER-road (complete)	A-67488-B	1 A68953
2	PISTON RING	88438	2		Includes:	A-67488-B	1 A64130-2
3	RING-retaining	75120	1	30	BODY-muffler	80821	3
4	RING-piston pin retaining	64813	1	31	SCREW-hex, 13-24 x 1/2	80821	1 68472
* 5	ROD-connecting	A-88498	1	32	BAFFLE-muffler	87394	1
6	Includes: BEARING-needle	67408	1	33	REED	87413-1A	1
7	SCREW	80441	2	34	STOP-rod	80675	2
* 8	"O" RING	58785	1	35	SCREW-pan, 8-32 x 1/4	81108-2	2
9	KEY-woodruff	75078	1	36	NUT-flax (#10-32)	A-67627-1B	1 68951-1 with shield
*10	ROLLER-needle (set of 26)	A-88498	1	37	CAP-muffler	88108-1	2 68470-1 - no shield
*11	CRANKSHAFT	88780	1	38	STUD-muffler	88547-B	1
12	SCREW-bearing retainer	88704	2	39	SPARK PLUG	26038	1
13	WASHER-special	88908	2	40	Includes: GASKET	A-68788-1	1
14	BEARING-ball	88886-B	1	41	CYLINDER	A-67679	1
15	RING-retaining	88319-A	1	42	LINE-oil (manual)	80898	1
16	DECAL	64144	1	43	FITTING-straight	81784	1
17	CAP-fuel filler	A-85283-A	1	44	CONNECTOR-elbow	81088-2	4
18	LINE-oil (auto. upper)	A-63819	1	45	NUT-hex, 1/4-28	83009	4
19	PUMP-automatic oil	A-87023	1	46	WASHER-lock, 1/4	A-67482	1
	Includes:			47	PIN-compression release	05829	1
20	SCREW-pan	64102-A	1	48	GASKET-cylinder	88868	1
21	GASKET	88736	1	49	STUD-cylinder (long)	88868	1
22	SCREW-pan, 4-40 x 1/4	80818	2	50	PIVOT PIN & BRACKET	A-64656-2	1
23	SEAL-felt	84393	1	51	SCREW-pan, 8-32 x 3/8	80871	6
24	SCREW-pan, 8-32 x 7/8	80868	8	52	SPRING-relief valve	84653	1
25	WORM-oil pump	88826	1	53	CLAMP-oil	86848-2	1
26	LINE-oil (auto. lower)	A-83847	1	54	CLAMP-lever	84855-2	1
27	"O" RING	89074	1	55	LEVER-relief valve	84854-B	1
28	SEAL	88308-A	1	56	FILTER-oil	A-64741	1
29	STUD-cylinder (short)	66871	3	57	VALVE-check	A-85848	1
				58	NUT-flexlock, 8-32	81126	4

* Denotes new parts

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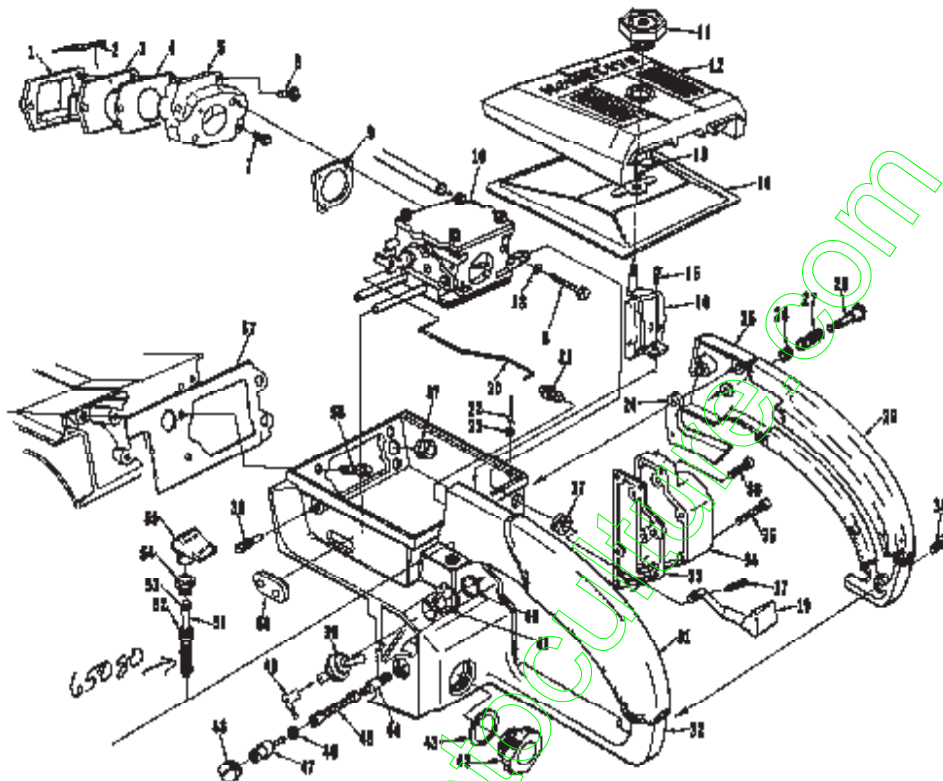


FIGURE 3

No.	Description	Part No.	Qty.	No.	Description	Part No.	Qty.
1	RETAINER-reed valve	64258-A	1	*32	HANDLE-throttle	A-68482	1
2	REED-valve	69878-B	4		Includes:		
3	SEAT-reed valve	64252-A	1		RIVET-accordion (not shown)	65882	4
4	GASKET-reed valve seat	64260	1	33	GASKET-oil tank	67265	1
5	MANIFOLD-intake	A-67502-A	1	34	COVER-oil tank	A-68120	1
6	Includes: SCREW-pan, 8-32 x 1-1/4	82174	2		Includes: PLUG-pipe (not shown)	65571	1
7	SCREW-pan, 8-32 x 1	82173	1	35	SCREW-fl, 8-32 x 1-5/8	82153	3
8	SCREW-hex, 10-32 x 1-7/8	82179	2	36	SCREW-fl, 8-32 x 3/4	82158	3
9	GASKET-carburetor	67631	1	37	GROMMET	64902	2
*10	CARBURETOR (SDC-92)	A-68482	1	38	SCREW-idle adjustment	65522	1
11	NUT-cover mounting	A-67827	1	39	SWITCH	A-63938	1
12	COVER-air filter	63183-4	1	40	Includes: NUT	72084-A1	1
13	RING-retaining	58318-A	1	41	PLATE-"On-Off"	69910	1
14	FILTER ELEMENT-air	A-63956-A	1	42	CAP-oil (vented)	A-65284-A	1
15	SCREW-hex, 12-24 x 1/2	60821	1	43	Includes: "O" RING	65133	1
*16	BRACKET-air filter cover	A-68058	1		VALVE-vent (not shown)	63718	1
17	PIN-coiler	88324	1	44	FILTER-oil (manual)	A-64293	1
18	WASHER-lock, #10	88046	2	45	LINE-flexible oil	64356	1
19	ROD-choke	67090-1	1	46	GASKET	69786	1
20	ROD-throttle	63698-1A	1	47	FITTING-check valve	A-63936	1
21	BOOT-throttle rod	67834	1	48	SCREW-set	83113	1
22	PIN-coiler	86301	1	49	LEAD-ground	A-63939	1
23	WASHER-felt	63290	1	50	GROMMET-"Hi-Lo"	68858	1
24	TRIGGER-throttle	63212-A	1	51	PLUNGER-oil pump	A-68061-A	1
*25	COVER-throttle handle	63698-5	1	52	Includes: "O" RING	66406	1
26	BUSHING-throttle lock	64646	1	53	"O" RING	68074	1
27	SPRING-throttle lock	64677	1	54	NUT-plunger	65062	1
28	PIN-throttle lock	65592	1	55	BUTTON-oil pump	67386	1
*29	GRIP-throttle handle cover	68467	1	56	SCREW-hex, 12-24 x 5/8	60676	4
30	SCREW-pan, 8-32 x 1/2	60660	2	57	GASKET-throttle handle	64267	1
*31	GRIP-throttle handle	68468	1		* Denotes new parts		

ALWAYS FURNISH MODEL AND SERIAL NUMBER WHEN ORDERING PARTS

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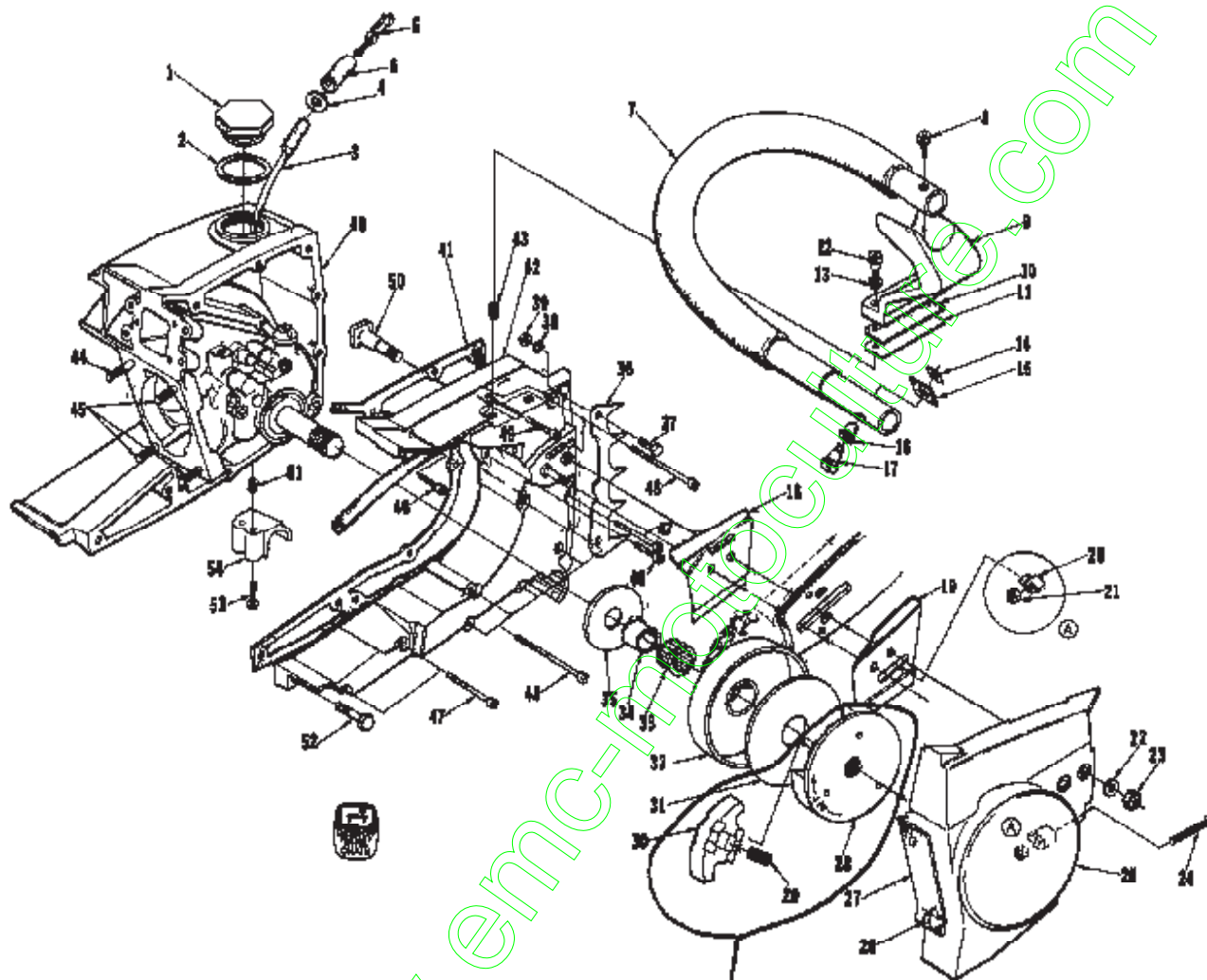


FIGURE 4

*Complete clutch using
Steel shoes A69459*

Plate 65760-2

Shoes 69458

Spring 63977

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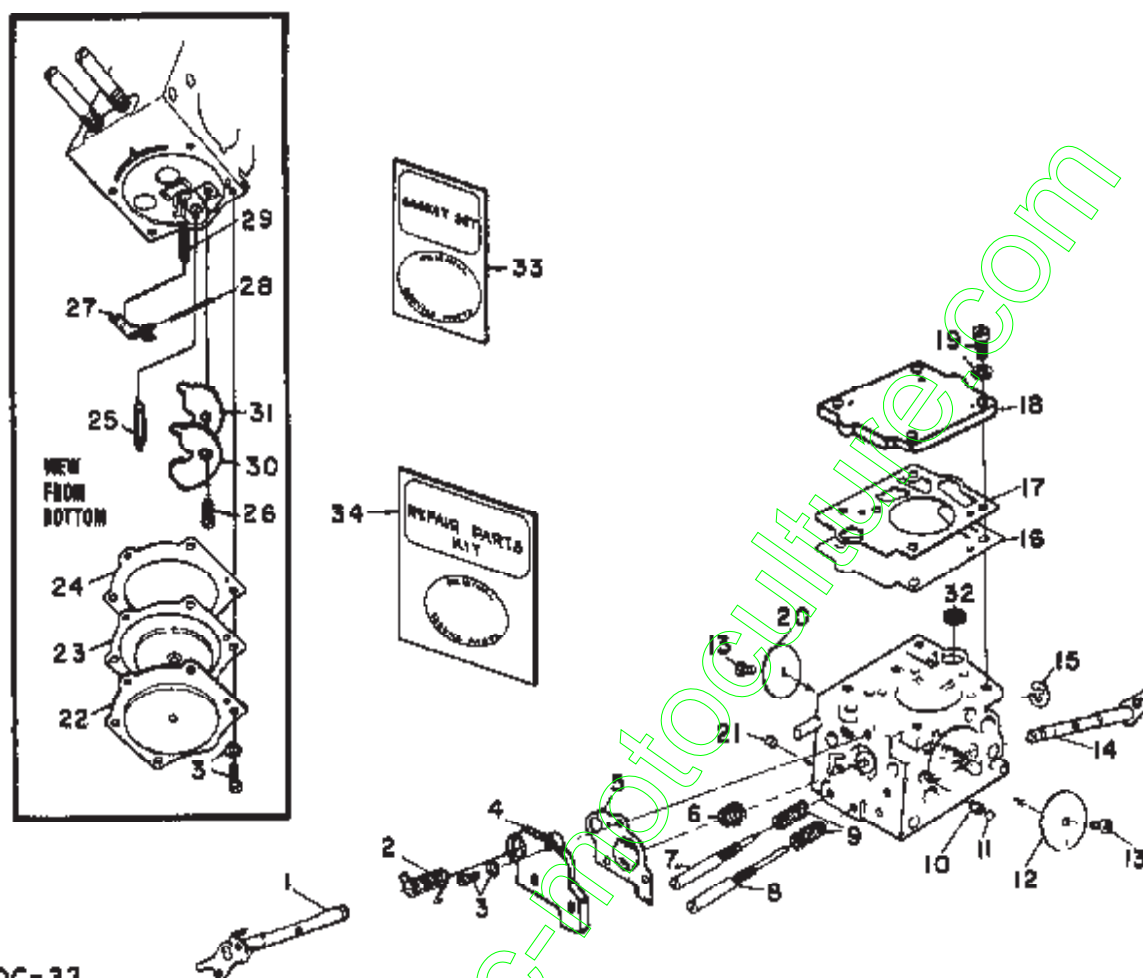
No.	Description	Part No.	Qty.	No.	Description	Part No.	Qty.
1	CAP-fuel filler	A-88283-A	1	*32	SPROCKET & DRUM-3/8 pitch, 7 tooth	A-68468	1
2	Includes: GASKET	68567	1		SPROCKET & DRUM-See Note 1 (optional)	A-64908	1
3	LINE-fuel	83544	1		DRUM & HUB-optional (splined)	A-68988	1
4	WASHER	64182	1		SPROCKET-3/8 pitch, 7 tooth (splined)		
5	FILTER-fuel	A-83920	1		optional	OM68210	1
6	Includes: FILTER-felt	64083-1	1	33	BEARING-outer	64124	1
*7	HANDLE BAR-flush cut	A-68215-1	1	34	RACE-inner	65985	1
8	SCREW-sec., 10-32 x 1	82188	1	35	WASHER-thrust (inner)	68833-1	1
*8	BRACKET-handle bar	A-68341	1	36	BUMPER-spiked	A-64722	1
10	PAD-bracket	64610	1	37	Includes: SCREW-hex, 12-24 x 3/8	60678	2
11	PLATE-handle bar bracket	66588	1	38	WASHER-lock, #12	83068	2
*12	SCREW-shoulder	68338	2	39	NUT-hex, 12-24	81088	2
13	GROMMET-handle bar bracket	64474	2	*40	CRANKCASE & TANK	A-68489	1
14	PLATE-handle bar	66670	1		Includes: PIN-dowel (not shown)	71430	2
*15	PAD-handle bar	68394	1		PIN-dowel (not shown)	65985	2
16	GROMMET-handle bar	65122	1		SEAL-(see fig. 2, Index #28)	68308-A	1
*17	SCREW-shoulder	68999	2	41	GASKET-fuel tank	68344-A	1
18	PLATE-guide bar (inner)	87800	1	42	COVER-fuel tank	A-68040	1
19	PLATE-guide bar (outer)	87299	1		Includes: (not shown)		
20	PIN-bar adjusting	65768-1	1		GASKET-check valve	68338	1
21	NUT-lock, 10-32	81211	1		OAP-check valve	68339	1
22	WASHER-flat, 5/16	64032	2	43	INSERT-taplock	72489	3
23	NUT-hex, 5/16-18	81198	2	44	STUD-cylinder (long)	63868	1
24	SCREW-guide bar adjusting	66944	1	45	STUD-cylinder (short)	55871	3
25	COVER-drivecase	A-64620-1	1	46	SCREW-flt, 8-32 x 15/16	82181	2
26	Includes: RIVET-oval head	85061	2	47	SCREW-flt, 8-32 x 1-1/8	82184	3
27	SHIELD-sawdust	64618	1	48	SCREW-flt, 8-32 x 2-2/16	82165	7
28	PLATE-clutch	64904-1	1	49	SCREW-flt, 8-32 x 1-1/4	82182	1
29	SPRING-clutch	65842	3	50	BOLT-guide bar	67199	2
30	SHOE-clutch	64668-3	3	51	INSERT-taplock	72488	2
31	COVER-clutch	83671	1	52	SCREW-hex, 12-24 x 1/8	80691	1
				53	SCREW-pen, 10-32 x 3/8	80572	2
				54	STOP-handle bar	67608-2	1

* Denotes new parts

Note 1 -- Sprocket & Drum A-64908 requires the use of one (1) 63880 Thrust Washer, one (1) 63990 Inner Race and one (1) 64333 Needle Bearing for proper assembly.



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SDC-32

A-68492

No.	Description	Part No.	Qty.	No.	Description	Part No.	Qty.
1	THROTTLE SHAFT ASSEMBLY	84225	1	19	SCREW-fuel pump cover	84894	4
2	SPRING-throttle return	†87006	1	20	VALVE-throttle	87700	1
3	SCREW ASSEMBLY	84682	7	21	PLUG-limiting	84682	1
4	COVER-accelerator pump	87187	1	22	COVER-metering diaphragm	84224	1
5	DIAPHRAGM-accelerator pump	†87188	1	23	METERING DIAPHRAGM ASSEMBLY	†84235	1
6	SPRING-accelerator pump	†84240	1	24	GASKET-metering diaphragm	†84231	1
7	NEEDLE-idle	†84241	1	25	VALVE-inlet needle	†84228	1
8	NEEDLE-high speed	†84242	1	26	SCREW-metering lever pins	†84888	1
9	SPRING-needle adjusting	†84238	2	27	LEVER-metering	†84245	1
10	SPRING-choke friction	†84236	1	28	PIN-metering lever	†84244	1
11	BALL-choke friction	†80061	1	29	SPRING-metering lever	†84237	1
12	VALVE-choke	84228	1	*30	PLATE-circuit	†86780	1
13	SCREW-valve	†84890	2	*31	GASKET-circuit	†88781	1
14	CHOKE SHAFT ASSEMBLY	87109	1	32	SCREEN-fuel inlet	†84243	1
15	RING-throttle shaft retaining	84231	1	33	GASKET SET	†87018	1
16	DIAPHRAGM-fuel pump	†84233	1	34	REPAIR KIT	87187	1
17	GASKET-fuel pump	†87008	1		REPAIR KIT-check valve	85386	1
18	COVER-fuel pump	87002	1				

* Denotes new parts

† Contained in gasket assortment

‡ Contained in repair kit index no. 34

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Tools

A-23937-B	WRENCH-combination
22820-5	COLLAR-bearing installation (bearing to shaft)
22828	PLIERS-retaining ring
23136-1	SLEEVE-bearing & shaft installation
23528	WRENCH-socket screw (connecting rod)
23756	PLUG-needle bearing (connecting rod)
23759	SLEEVE-seal protection (back plate)
23846-2	ANVIL-roller bearing disassembly
A-23934	SPANNER-clutch
A-23949	TOOL-piston pin removal
A-23960	BRACKET-rotor removal
23972	SLEEVE-seal installation
24006-2	PLATE-shaft alignment
A-24051	JACKSCREW-(bearing to shaft to crankcase)
24054	PLUG-seal assembly (crankcase)
24055	PLUG-bearing & seal assembly (back plate)
A-24067	BEARING REMOVER-(back plate)
24076	SLEEVE-seal protecting (crankcase side)
A-24138	REAMER-compression release
24230	DRIVER-hand, pozidriv
24173	DRIVER-check valve installation
24304	BIT-pozidriv #2
23987	SHIM-plastic (magneto air gap)

Accessories

A-68074	SPARK ARRESTER-(reed muffler)
65543-1	HEAT EXCHANGER
A-24267-A	KIT-starter rope
A-24450	KIT-guide bar plate
A-24273	KIT-ignition

PAINT

22772	SPRAY CAN-black
23475	SPRAY CAN-red

NUMERICAL

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PARTS LIST

Part No.	Description	Qty.	Part No.	Description	Qty.	Part No.	Description	Qty.	Part No.	Description	Qty.
22772	Spray Can-black	1	83855-B	Bearing-ball	1	64888	Screw	1	87584	Boot	1
22820-5	Collar	1	83860	Stud-cylinder	1	64889	Screw Assembly	7	87700	Valve-throttle	1
22828	Pliers	1	83863	Rope-starter	1	84882	Plug-lusting	1	A-87888-C	Muffler-head	1
23130-1	Sleeve	1	83870	Spring-rewind	1	84883	Screw-valve	2	A-88040	Cover-fuel tank	1
23475	Spray Can-red	1	83875	Ring	1	84894	Screw	4	*A-88058	Bracket	1
23523	Wrench	1	83877	Stud-shoulder	2	A-84732	Bumper-spiked	1	A-88061-A	Plunger	1
23750	Plug	1	83898-1A	Rod-throttle	1	A-84741	Filter-oil	1	A-88074	Spark Arrestor	1
23753	Sleeve	1	83905	Washer	2	84813	Ring	1	88103-1	Stud-muffler	3
33846-2	Anvil	1	83910	Plate-"On-Off"	1	84882	Grommet	2	A-88120	Cover-oil tank	1
A-23834	Spanner-clutch	1	A-83918	Line-oil	1	84804-1	Plate-clutch	1	*A-88142	Plate-back	1
A-23837-B	Wrench	1	A-83920	Filter-fuel	1	A-84908	Sprocket & Drum	1	QM88210	Sprocket	1
A-23848	Tool	1	A-83923	Cover	1	84848	Lock-spring	1	*A-88218-1	Handle Bar	1
A-23960	Bracket	1	A-83936	Fitting	1	85082	Nut-plunger	1	*88223	Screw-shoulder	2
23972	Sleeve	1	A-83938	Switch	1	85122	Grommet	1	*88238	Screw-shoulder	1
23987	Shim-plastic	1	A-83939	Lead	1	85133	"O" Ring	1	*A-88341	Bracket	1
24006-2	Plate	1	A-83947	Line-oil	1	A-85263-A	Cap-fuel filler	1	*88394	Pad-handle bar	1
A-24051	Jackscrew	1	A-83952-B	Pulley & Cup	1	A-85284-A	Cap-oil (vented)	1	*A-88438	Piston & Pin	1
24054	Plug	1	A-83955-A	Filter Element	1	85321	Screw	6	*A-88439	Crankcase & Tank	1
24055	Plug	1	84001	Screw	2	85364-A	Gasket-fuel tank	1	*A-88465	Sprocket & Drum	1
A-24057	Bearing Remover	1	84083-1	Filter-felt	1	85365	Pin-dowel	2	*88466	Grip	1
24078	Sleeve	1	84085	Screw-cover	2	85385	Repair Kit	1	*88467	Grip	1
A-24138	Reamer	1	84086	Condenser	1	85491	Screen	1	*A-88468	Handle-throttle	1
24173	Driver	1	A-84087	Point	1	85522	Screw	1	*A-88492	Carburetor	1
24230	Driver	1	84088	Block	1	85543-1	Heat Exchanger	1	*A-88493	Roller-needle	1
A-24287-A	Kit-starter rope	1	84090	Retainer-felt	1	85586	Plate	1	*A-88498	Rod-connecting	1
A-24273	Kit-ignition	1	84090	Screw-terminal	2	85582	Pin	1	*88730	Crankshaft	1
24304	Bit-posidriv #2	1	84091	Coil-ignition	1	85670	Plate-handle bar	1	*88730	Plate-circuit	1
A-24450	Kit-guide bar plate	1	84102-A	Screw-sam	1	85696	Fitting-straight	1	*88781	Gasket-circuit	1
25038	Gasket	1	84124	Bearing-cage	1	85708-1	Pin-bar	1	71430	Pin-dowel	2
25008	Clip-post	1	84144	Decal	1	*A-85795-1	Cylinder	1	72094-A	Nut	1
28028	Washer-post	1	84154-A	Insert	1	85823	Gasket-cylinder	1	72489	Insert-faplock	6
31734	Connector-elbow	1	84155-A	Grip-rope	1	85822	Spring-clutch	3	75078	Key-woodruff	1
A-33056	Terminal	1	84158	Washer	1	85888	Revet-accordion	4	75120	Ring-retaining	1
54422	Core-oil	1	84221	Ring	1	85844	Screw	1	75421	Screw-clamp	2
54423	Clip-coil	1	84224	Cover	1	A-85845	Valve-check	1	FASTENING PARTS		
55411	Screw-clamp	2	84226	Shaft	1	85949-2	Clamp-oil	1	80541	8-32 x 1/2	2
55871	Stud-cylinder	3	84228	Valve-choke	1	85955	Race-inner	1	80560	8-32 x 1/2	2
58308-A	Seal	1	84228	Valve-needle	1	A-85958	Drum & Hub	1	80568	8-32 x 7/8	3
58319-A	Ring-retaining	2	84231	Gasket	1	87000-1	Rod-choke	1	80571	8-32 x 3/8	4
58338	Gasket-valve	1	84233	Diaphragm	1	87002	Cover	1	80572	10-32 x 5/8	2
58338	Cap-valve	1	84235	Diaphragm	1	87003	Spring	1	80576	8-32 x 1/4	2
58408	"O" Ring	1	84236	Spring-needle	3	87004	Gasket	1	80548	10-32 x 1/2	1
58638-A	Seal	1	84237	Spring	1	87016	Gasket Set	1	80576	12-24 x 5/8	6
88758-2	Spring	2	84238	Spring	1	A-87023	Pump	1	80621	12-24 x 1/2	4
*88785	"O" Ring	1	84240	Spring	1	A-87079	Line-oil	1	80691	12-24 x 7/8	1
88833-1	Washer-thrust	1	84241	Needle-idle	1	87109	Choke Shaft	1	80619	4-40 x 1/4	2
88851	Washer-flat	2	84242	Needle	1	87177	Bushing	1	80663	8-32 x 1/2	4
88858	Grommet	1	84243	Sprocket	1	87188	Washer	1	81085-2	Nut-1/4-28	4
88857	Gasket	1	84244	Pin	1	87197	Cover	1	81069	Nut-12-24	2
88868	Lead	1	84245	Lever	1	87188	Diaphragm	1	81108-2	Nut-10-32	9
88974	"O" Ring	2	84252-A	Retainer	1	87181	Stud-drive	4	81112	Nut-5/16-24	1
89438	Piston Ring	2	84253-A	Retainer	1	A-87192-A	Housing-fan	1	81128	Nut-8-32	4
89571	Flag-pipe	1	84258	Gasket	1	87183	Bolt-guide bar	2	81196	Nut-5/16-18	2
89675-B	Reed-valve	4	84267	Gasket	1	87197	Repair Kit	1	81211	Nut-10-32	1
89704	Screw	2	A-84268	Filter-oil	1	87222	Ring-air flow	1	82126	10-32 x 1	1
89736	Gasket	1	84301	Retainer-lead	1	87265	Gasket-oil tank	1	82151	8-32 x 15/16	2
89851	Ball-choke	1	84366	Lune	1	87289	Plate-(outer)	1	82159	8-32 x 1-1/4	1
89813	Screw-aal	1	84374	Bushing	1	87300	Plate-(inner)	1	82153	8-32 x 1-5/8	3
89893-4	Cover-air filter	1	84383	Seal-felt	1	87386	Button	1	82154	8-32 x 1-7/8	3
89912-A	Trigger-throttle	1	84442	Pawl-starter	2	87394	Reed-muffler	1	82155	8-32 x 2-3/16	7
89928	Worm-oil pump	1	84474	Grommet	3	87395	Bearing-roller	1	82156	8-32 x 3/4	3
89990	Washer-felt	1	84588-3	Shoe-clutch	3	87408	Bearing-needle	1	82179	8-32 x 1	1
89944	Lune-fuel	1	84610	Pad-bracket	1	87413-1A	Stop-lead	1	82174	8-32 x 1-1/4	2
89947-B	Spark Plug	1	84618	Shield	1	A-87445-1A	Body-muffler	1	82179	10-32 x 1-7/8	2
*89993-5	Cover	1	A-84620-1	Cover	1	87450	Baffle-muffler	1	83009	Washer-1/4	4
89906	Washer-retaining	1	84646	Bushing	1	A-87482	Pin	1	83046	Washer-#10	2
89937	Rotor	1	84658	Spring	1	A-87502-A	Manifold-intake	1	83058	Washer-#12	2
89971	Cover-clutch	1	84654-B	Lever	1	A-87527-1B	Cap-muffler	1	84018	Washer-#8	2
89713	Shield-sprung	1	84655-2	Clamp-lever	1	87506-2	Stop-handle bar	1	84032	Washer-5/16	2
89714	Shield-sprung	1	A-84656-2	Pivot Pin	1	A-87527	Nut	1	84055-1	Washer-5/16	1
89716	Valve-vent	1	84677	Spring	1	87581	Gasket	1	84081	Revet-oval head	2
									85301	Pin-cotter	1
									85324	Pin-cotter	1

* Denotes new parts

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