

EXPLODED VIEWS
AND PARTS LISTS

LOMBARD MODEL 3 SAW

(Formerly known as the "Wizard" Saw)

Serial Numbers YS-1 to YS-9999

Note: Kindly order by part number. Do not use
illustration reference numbers.

Lombard Governor Corporation
Ashland, Massachusetts

WIZARD GAS SAW
MODEL 3-16

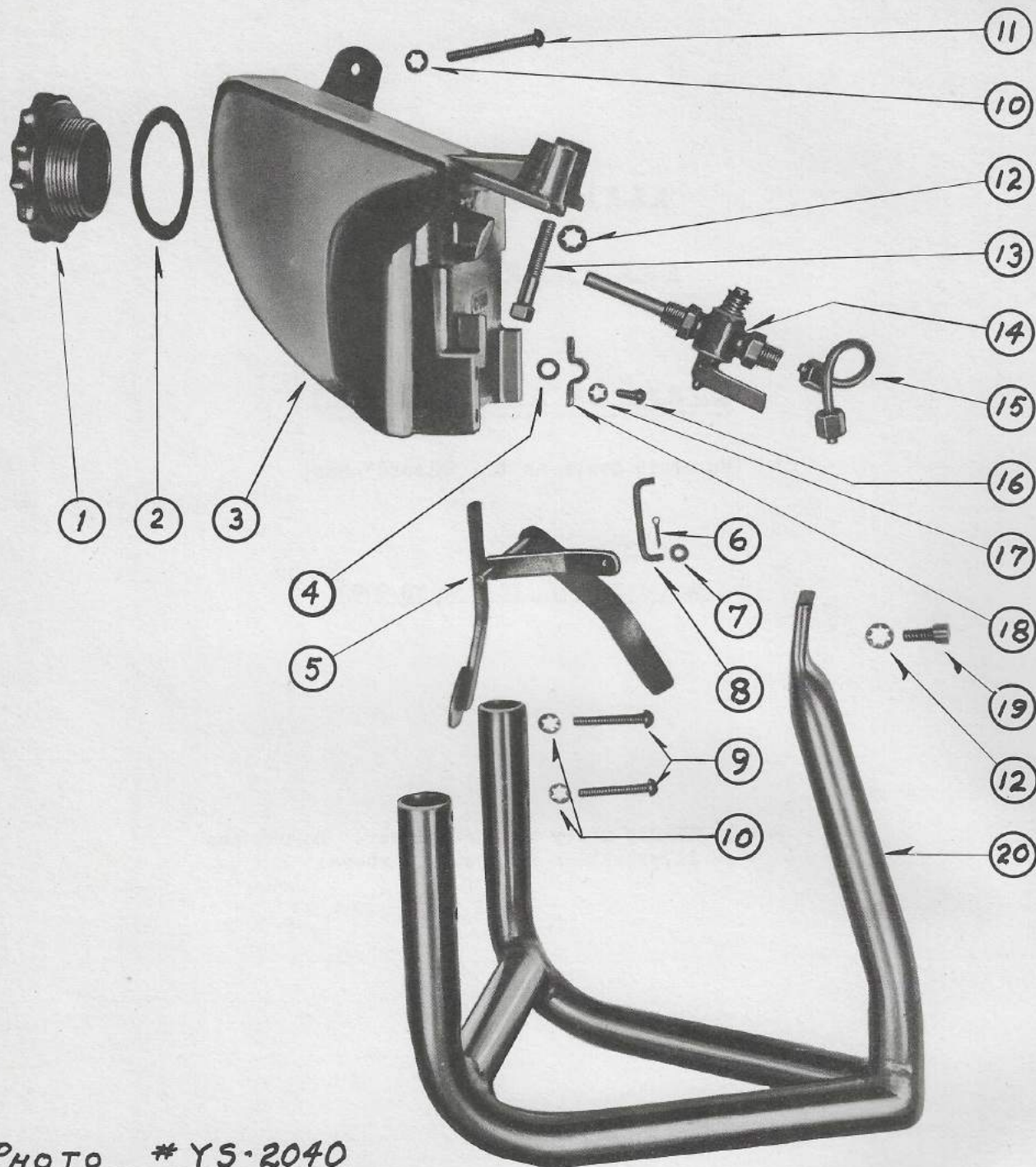


PHOTO #YS-2040
GAS TANK & REAR HANDLE BAR ASSEMBLY
LOMBARD GOVERNOR CORP ASHLAND, MASS.

3/19/51

PARTS LIST YS-2040

For Gas Tank and Rear Handle Bar Assembly

Wonder Model 3-16

Lombard Governor Corporation, Ashland, Mass.

ITEM NO.	PART NO.	PART NAME	QTY. PER UNIT
1	YS-2015	Cap, Gas Tank	1
2	YS-2023	Gasket, Gas Tank Cap	1
3	YS-2020	Gas Tank	1
4	YS-2014	Bushing, Throttle	2
5	YS-2019	Throttle	1
6	PM-144	Cotterpin	2
7	PW-107	Washer, Plain	2
8	YS-2018	Link, Throttle	1
9	PS-315	Screw, Round H'd #10-24 x 1 $\frac{1}{4}$ lg	4
10	PW-210	Lockwasher, Shakeproof #1210-00	5
11	PS-127	Screw, Socket H'd #10-24 x 1 $\frac{1}{4}$ lg	1
12	PW-211	Lockwasher, Shakeproof #1214-00	3
13	PS-109	Screw, Socket H'd Cap $\frac{1}{4}$ - 20 x 1 $\frac{1}{2}$ lg	2
14	YS-2033	Shut-off Valve	1
15	YS-2024	Gas Line	1
16	PS-308	Screw, Round H'd #8-32 x 3/8 lg	4
17	PW-209	Lockwasher, Shakeproof #1208-00	4
18	YS-2017	Clip, Throttle	2
19	PS-106	Screw, Socket H'd Cap $\frac{1}{4}$ - 20 x 5/8 lg	1
20	YS-2021	Handlebar, Rear	1

CAUTION:

When ordering, include serial no. of saw, part number, part name and quantity desired.

WIZARD GAS SAW MODEL 3-16

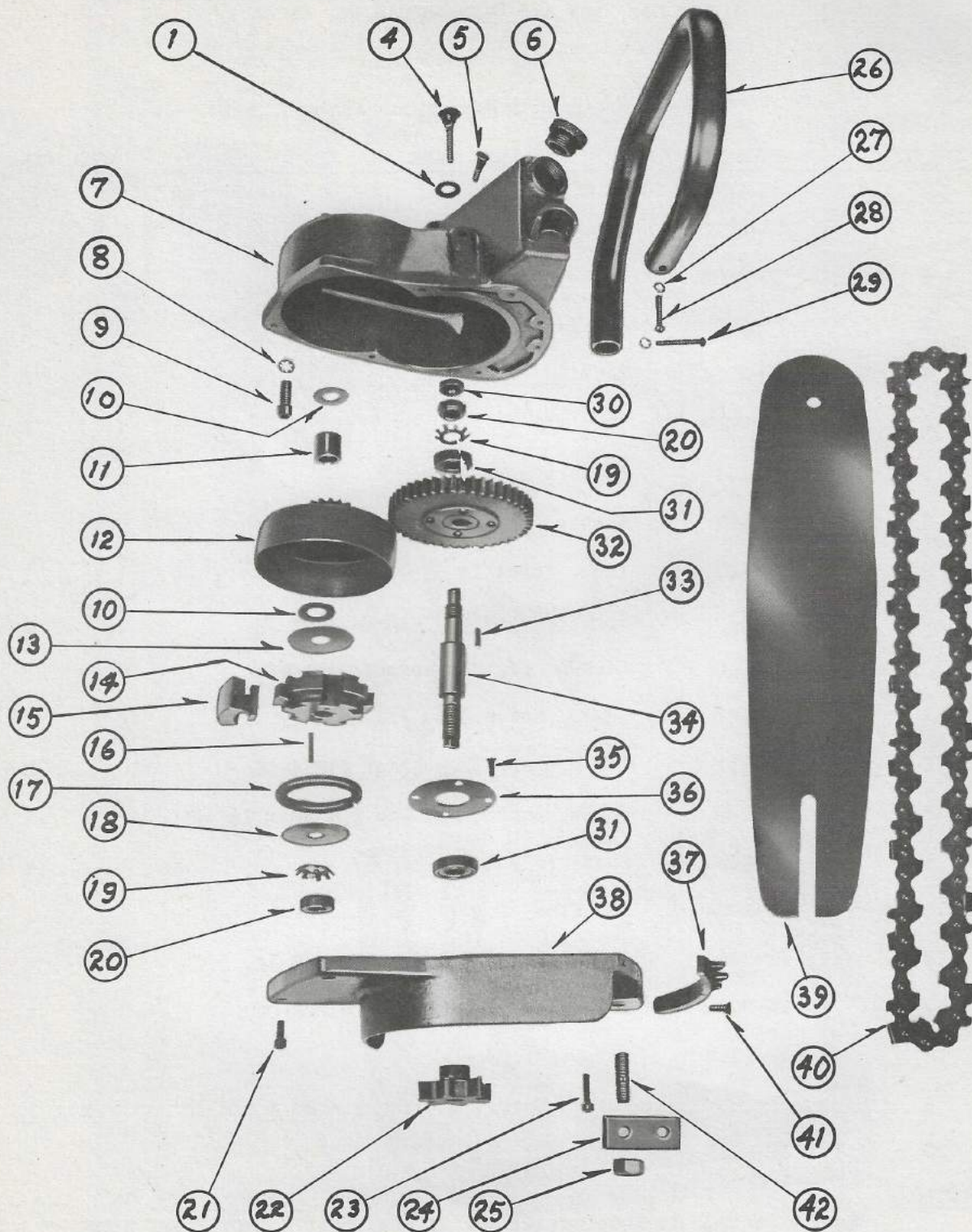


PHOTO # YS-2045 - GEAR CASE ASSEMBLY
LOMBARD GOVERNOR CORP. ASHLAND, MASS.

Date 3/19/51

PARTS LIST YS-2045

For Gear Case Assembly
Wonder Model 3-16

Lombard Governor Corporation, Ashland, Mass.

ITEM NO.	PART NO.	PART NAME	QTY. PER UNIT
1	YS-2031	Gasket, Oil Pump Holder.....	1
4	YS-2051	Oil Pump Assembly.....	1
5	YS-2035	Cover, Oil Hole.....	1
6	GS-1135	Cap, Oil Reservoir.....	1
7	YS-2001	Gear Case.....	1
8	PW-212	Lockwasher, Shakeproof #1218-00.....	3
9	PS-123	Screw, Socket Hd. Cap 5/16-18 x 7/8 lg.....	3
10	YS-2032	Washer, Special.....	2
11	PM-137	Bushing.....	1
12	YS-2008	Gear, Driver.....	1
13	YS-2029-A	Spacer, Special.....	1
14	YS-2010	Spider, Clutch.....	1
15	OMS-76	Shoes, Clutch.....	6
16	YS-2011	Key, Spider.....	2
17	OMS-75	Spring, Clutch.....	2
18	YS-2029-B	Spacer, Special.....	1
19	PM-135	Lockwasher.....	2
20	PM-134	Locknut.....	2
21	PS-124	Screw, Socket Hd. Cap, #10-24 x 1/2.....	6
22	*YS-2053	Sprocket.....	1
23	PS-125	Screw, Socket Hd. Cap, #10-24 x 3/4.....	2
24	YS-2041	Plate.....	1
25	PN-103	Nut, Hex 3/8 - 16 St'd.....	2
26	YS-2016	Handlebar, Front.....	1
27	PW-210	Lockwasher, Shakeproof #1210-00.....	3
28	PS-315	Screw, Round Head #10-24 x 1 1/4 lg.....	1
29	PS-314	Screws, Round Head #10-24 x 1 1/2 lg.....	2
30	PM-132	Grease Seal.....	1
31	PB-110	Bearing.....	2
32	YS-2003	Gear, Driven.....	1
33	YS-2025	Key, Driven Gear.....	1
34	YS-2006	Shaft, Gear Case.....	1
35	PS-210	Screw, Flat Head #8-32 x 1/2 lg.....	4
36	YS-2009	Plate, Bearing Cover.....	1
37	YS-2030	Bumper, Spike.....	1
38	YS-2002	Cover, Gear Case.....	1
39	YS-2022	Cutterbar, 16" Cap.....	1
40	*PM-151	Chain, 16" Cap. #10 Chipper.....	1
41	PS-607	Screw, Button Head #10-24 x 3/4 lg.....	4
42	YS-2012	Stud, Special.....	2

CAUTION:

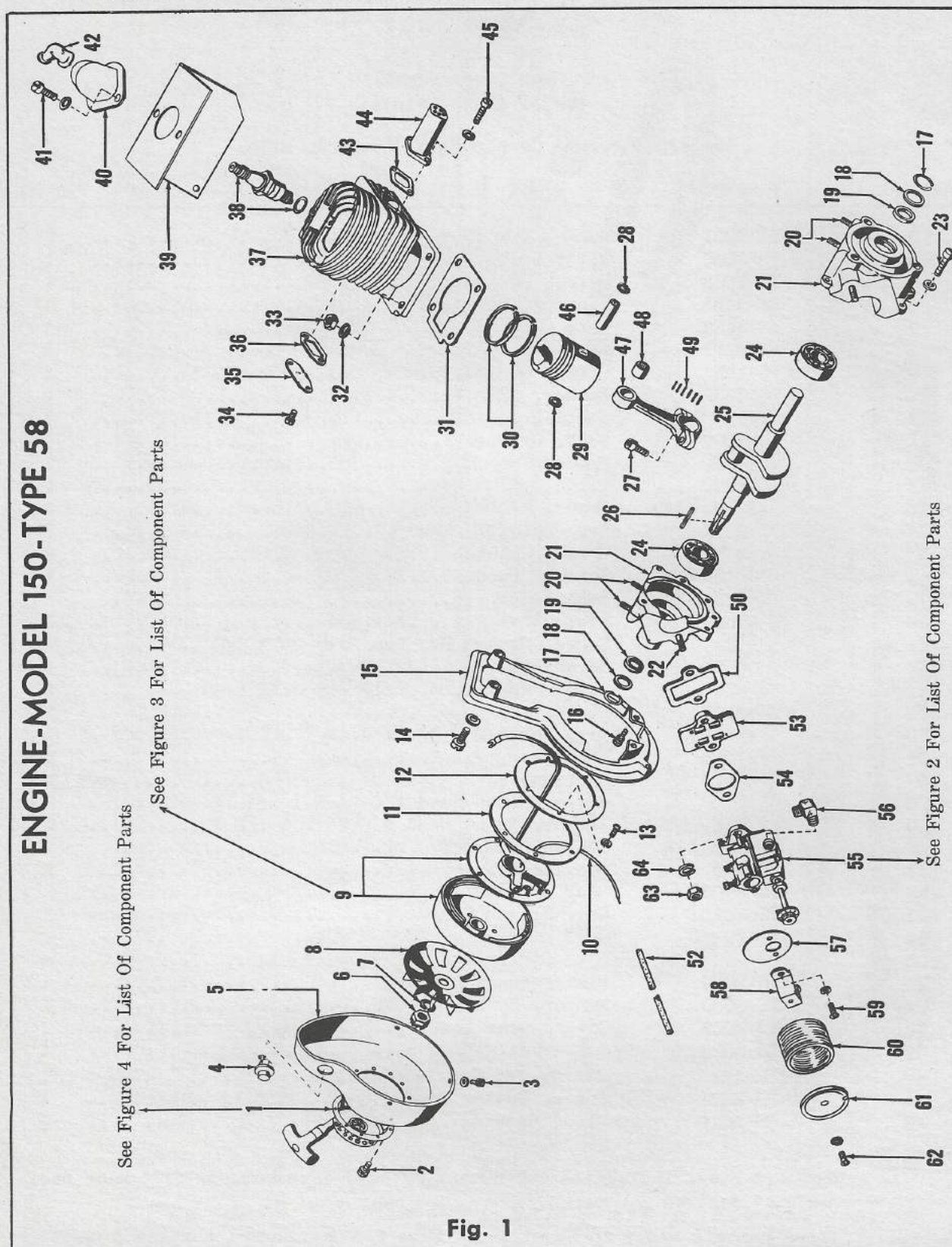
When ordering, include serial number of saw, part number, part name and quantity desired.

*These numbers apply to Model 3-16" Saws bearing serial numbers from YS-6350 on. For saws having earlier serial numbers use Sprocket #YS-2007 and #4-16" Chipper Chain #PM-142.

If in doubt consult your dealer.

ALWAYS SPECIFY ENGINE MODEL & SERIAL NUMBER WHEN ORDERING REPAIR PARTS!

ENGINE-MODEL 150-TYPE 58



ALWAYS SPECIFY ENGINE MODEL & SERIAL NUMBER WHEN ORDERING REPAIR PARTS!

ALWAYS SPECIFY ENGINE MODEL & SERIAL NUMBER WHEN ORDERING REPAIR PARTS!

PARTS LIST

Ref. No.	Part No.	Part Name	No. Req.	Ref. No.	Part No.	Part Name	No. Req.
1	1133-03	Starter - Schnacke Rewind	1	36	1065	Gasket - Transfer Port Cover	1
2	PS-604	Screw - 10-24 x $\frac{1}{2}$ Fil. Hd. Sems	4	37	101008	Cylinder	1
3	1007-01	Screw & #10 Lockwasher	8	38	45M	Spark Plug	1
4	3084-01	Button - Stop	1	39	102301	Cylinder Shroud	1
5	1018-03	Shroud - Air	1	40	YS2013	Shield - Spark Plug Protection	1
6	1133-04	Nut - Schnacke Rewind Starter	1	41	PS-604	Screw - #10-24 x $\frac{1}{2}$ Fil. Hd. Sems	2
7	PW-213	Lockwasher - 7/16 S.A.E.	1	42	227	Nipple - Spark Plug	1
8	1063	Fan - Flywheel	1	43	3014	Gasket - Cylinder Exhaust	1
9	0-124	Magneto - Complete (Without Fan). See Fig. 3 for Details	1	44	105802	Muffler	1
10	3066-01	Ignition Wire - Cut-off	1	45	PS-610	Screw - 1/4-20 x 5/8 Fil. Hd. Sems	2
11	3117	Seal - Magneto Dust	1	46	1016-01	Pin - Piston	1
12	3118	Plate - Magneto Dust Seal Retainer	1	47	005-06	Rod-Connecting Assembly	1
13	PS-605	Screw - #8-32 x 1/4 Fil. Hd. Sems	6	48	GB-08-OH	Bearing - Cartridge	1
14	PS-604	Screw - #10-24 x $\frac{1}{2}$ Fil. Hd. Sems	2	49	Q-4212	Bearing - Needle	30
15	1019-03	Base - Shroud	1	50	1027	Gasket - Reed Plate	1
16	PS-608	Screw - 1/4-20 x $\frac{1}{2}$ Fil. Hd. Sems	2	52	1136	Sleeve - Ignition Cut-Off	1
17	1004	Spring - Crankshaft Seal Retaining	2	53	026-04	Reed Plate Assembly, w/stops	1
18	1003-01	Retainer - Crankshaft Seal	4	54	1009	Gasket - Carburetor	1
19	1002	Seal - Crankshaft	2	55	MD60A	Carburetor - Complete. See Fig. 2 for Parts Listing	1
20	1022	Stud - Cylinder	4	56	1042-05	Elbow - Gas Line Connector	1
21	020-05	Crankcase - Assembly, Complete with 2 Ball Bearings	1	57	1092	Base - Air Filter	1
22	1031	Stud - Carburetor	2	58	1077	Bracket - Air Filter Cover	1
23	PS-606	Screw - #10-24 x 5/8 Fil. Hd. Sems	6	59	PS-609	Screw - #8-32 x $\frac{1}{2}$ Fil. Hd. Sems	2
24	3203	Ball Bearing - N.D.	2	60	1029	Filter - Air	1
25	1001-20	Crankshaft	1	61	104701	Cover - Air Filter	1
26	1062	Key - Flywheel	1	62	PS-604	Screw - #10-24 x $\frac{1}{2}$ Fil. Hd. Sems	1
27	1007-02	Screw - Connecting Rod	2	63	PN-102	Nut - 1/4-20	2
28	1119	Ring - Retainer	2	64	PW-204	Lockwasher - 1/4	2
29	101504	Piston	1				
30	101701	Ring - Piston	2				
31	1012-02	Gasket - Cylinder	1				
32	PW-204	Lockwasher - 1/4	4				
33	PN-102	Nut - 1/4-20	4				
34	PS-604	Screw - #10-24 x $\frac{1}{2}$ Fil. Hd. Sems	2				
35	1064	Cover - Transfer Port	1				

WARNING - Order By Part Number - Do Not Use Illustration Reference Numbers

ALWAYS SPECIFY ENGINE MODEL & SERIAL NUMBER WHEN ORDERING REPAIR PARTS!

ALWAYS SPECIFY ENGINE MODEL & SERIAL NUMBER WHEN ORDERING REPAIR PARTS!

TILLOTSON CARBURETOR MODEL MD 60A

WARNING - Order By Part Number - Do
Not Use Illustration Reference Numbers

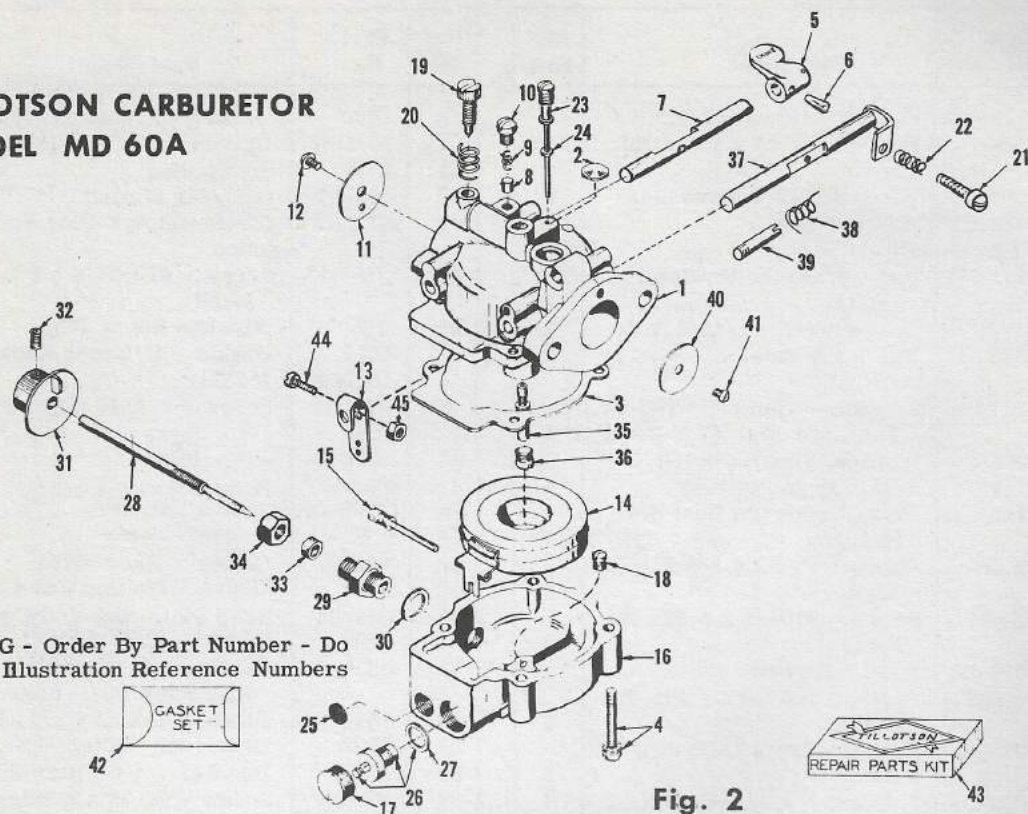


Fig. 2

Ref No.	Part No.	Part Name	No. Req.	Ref No.	Part No.	Part Name	No. Req.
1	09527	Body - Upper Half	1	24	07900	Gasket - Idle Tube	1
2	*02531	Welch Plug - Body Channel	1	25	*07283	Screen - Inlet Connection	2
3	07903	Gasket - Body	1	26	*07895	Seat & Gasket - Needle, Inlet	1
4	08872	Screw & Lockwasher - Body Retaining	4	27	02510	Gasket - Inlet Seat	1
5	05566	Lever - Choke	1	28	*08611	Screw - Main Adjustment	1
6	03208	Pin - Choke Lever Retaining	1	29	0702	Gland - Main Adjustment Screw	1
7	08454	Shaft - Choke	1	30	0676	Gasket - Main Adjustment Screw Gland	1
8	*05454	Pin - Choke Friction	1	31	08612	Knob - Main Adjustment Screw	1
9	*03860	Spring - Choke Friction Pin	1	32	06969	Screw - Set, Main Adjustment Screw Knob	1
10	*07912	Screw - Choke Friction Pin	1	33	09112	Packing - Main Adjustment Screw	1
11	08585	Shutter - Choke	1	34	0703	Nut - Packing, Main Adjustment Screw	1
12	0120	Screw - Choke Shutter	1	35	*07911	Nozzle - Main	1
13	3105	Lever—Clamp On	1	36	02395	Screw - Channel Plug, Main Nozzle	1
14	07804	Float	1	37	09546	Shaft & Lever - Throttle	1
15	*07901	Screw - Float Pinion	1	38	*08647	Spring - Throttle Lever Return	1
16	09529	Bowl - Fuel	1	39	04594	Pin, Stop - Throttle Lever	1
17	07896	Screw - Fuel Bowl Plug (Large)	1	40	08781	Shutter - Throttle	1
18	*03311	Screw - Fuel Bowl Plug (Small)	1	41	*05204	Screw - Throttle Shutter	1
19	*06910	Screw - Idle Adjustment	1	42	*08025	Gasket & Packing Set	1
20	*05725	Spring - Idle Adjustment Screw	1	43	09548	Kit, Repair Parts	1
21	*05095	Screw - Idle Speed Regulating	1	44	PS609	Screw—8-32 x 1/2 Fil. Hd.	1
22	*0788	Spring - Idle Speed Regulating Screw	1	45	PN108	Nut—Hex #8-32	1
23	*07899	Tube - Idle	1				
* Indicates Contents of Designated Repair Parts Kit							

PHELON MAGNETO 0-124

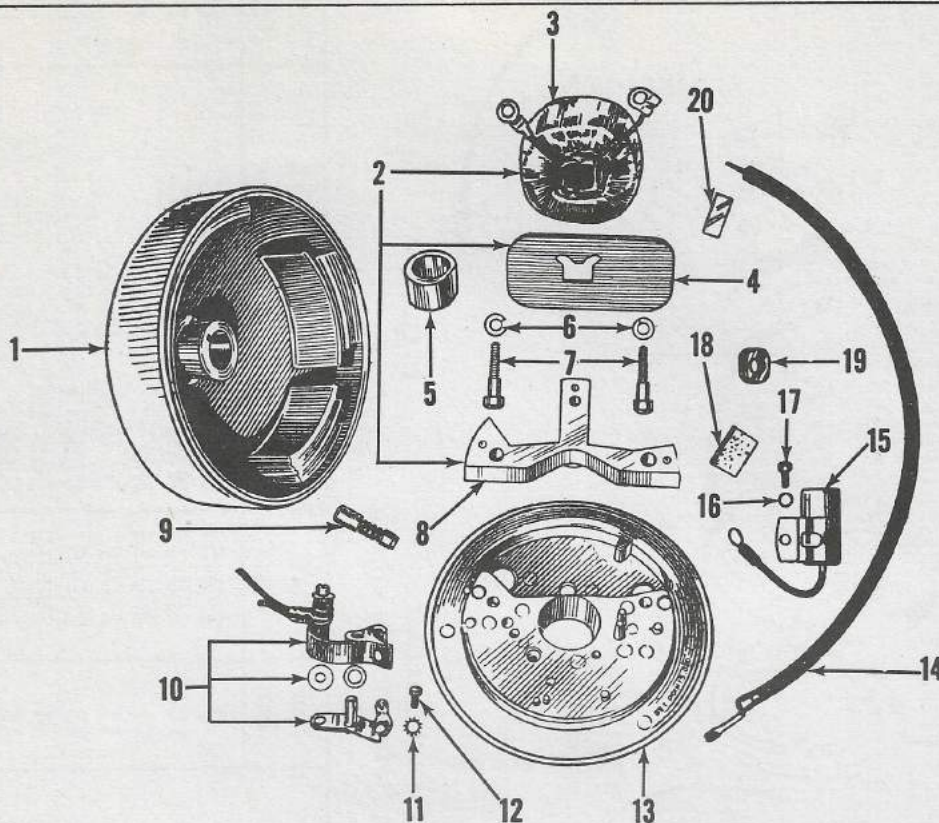


Fig. 3

Ref. No.	Part No.	Description	No. Req.
	0-124	Magneto - Complete (without fan)	1
1	1124-01	Flywheel	1
2	FG-472	Coil & Core Assembly - Includes Items 3, 4, & 8	1
3	FG-470B	Coil	1
4	F-416B	Shield - Coil	1
5	F-111E	Cam - Breaker	1
6	F-148	Lockwasher - Core Screw	2
7	F-130	Screw - Core	2
8	FG-414	Core - Coil	1
9	FG-358	Shoe Group - Friction	1
10	FG-626	Breaker Point Set - Includes plate, arm, pivot, insulator	1
11	F-173	Lockwasher - Fixed Contact Screw	1

Ref. No.	Part No.	Description	No. Req.
12	F-204	Screw - Fixed Contact	1
13	1124-02	Complete Stator Assembly - Includes All Items except Items 1 & 5	1
14	F-240D	Wire - Lead	1
15	FG-471B	Condenser	1
16	F-147C	Lockwasher - Condenser Screw	1
17	F-204	Screw - Condenser	1
18	F-341B	Felt - Cam	1
19	F-503	Grommet - Lead Wire	1
20	F-280	Wedge - Coil	1
	F-422	Screw - Ground Terminal (Not Shown)	1

WARNING - Order By Part Number - Do Not Use Illustration Reference Numbers

STARTER ASSEMBLY No. 1133-03

ALWAYS SPECIFY ENGINE MODEL & SERIAL NUMBER WHEN ORDERING REPAIR PARTS!

STARTER ASSEMBLY
NO. 1133-03

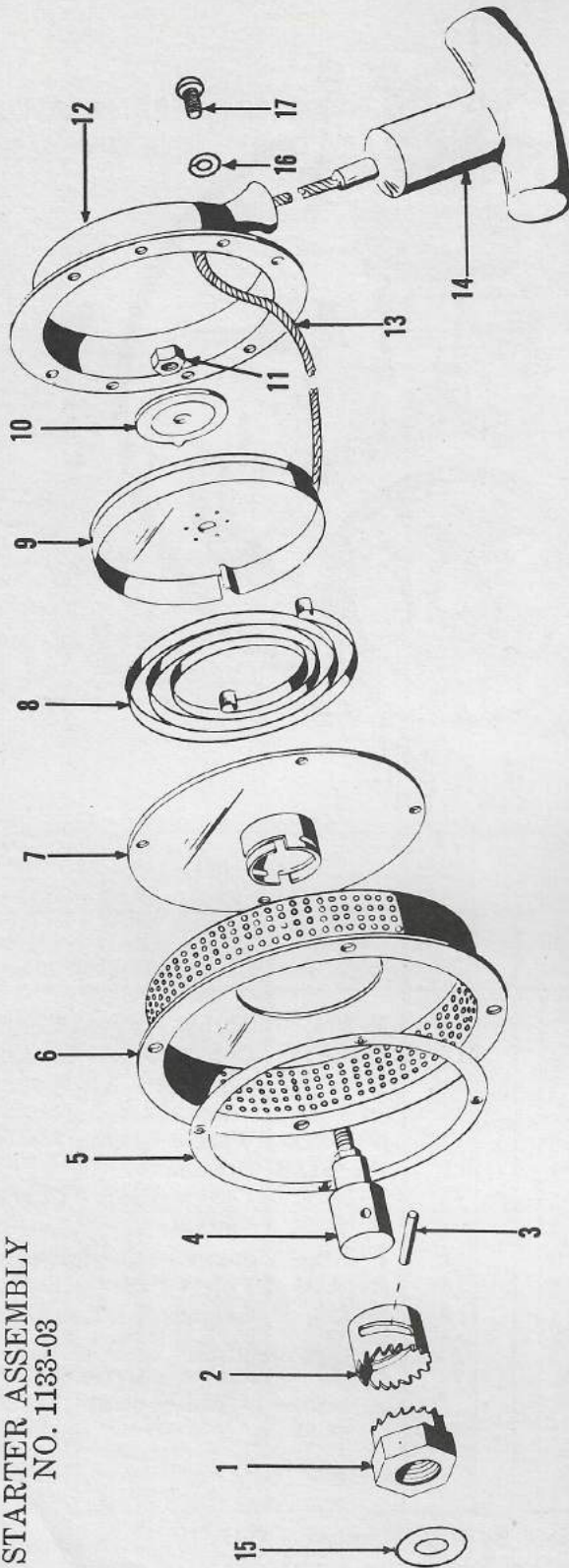


Fig. 4

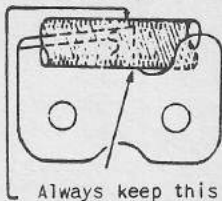
Warning - Order By Part Number - Do
Not Use Illustration Reference Numbers

Ref No.	Part No.	Part Name	No. Req.	Ref No.	Part No.	Part Name	No. Req.
1	1133-04	Nut - Driven Member	1	9	250-5	Sheave - Assembly	1
2	250-9	Clutch - Driving Member	1	10	250-13	Washer	1
3	250-10	Pin	1	11	250-14	Nut	1
4	250-3	Axle - Sheave	1	12	250-7	Housing - Sheave	1
5	250-15	Plate - Nut	1	13	250-6	Cable - 60" Wire	1
6	250-8	Housing - Starter	1	14	250-12	Pull Bar	1
7	250-16	Mounting Plate & Bushing Assembly	1	15	1135	Shim	4
8	250-4	Spring - Recoil	1	16	PW203	Lock Washer	4
				17	PS317	Screw - #10-32 x 3/8 R. Hd.	4

Filing Instructions

"Your file held in one position does the job"

SIDE VIEW

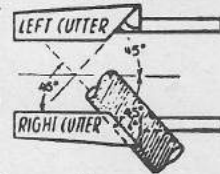


Use only a 1/4 inch round, straight (not rat-tail) file. Draw long, even strokes. Press firmly back and slightly up. Hold one position.

Always keep this edge vertical when viewed from side. Keep 1/5 of file diameter above top plate.

Keep file up. Low filing undercuts side of cutter, causing chain to grab. **Never** use a flat file to sharpen top plate.

TOP VIEW



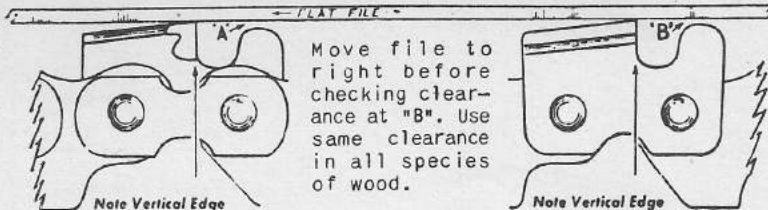
Keep the same 45° angle on both left and right cutters.

END VIEW



Chain Rider Clearance

To check rider clearance place a flat file on two cutters as illustrated...Use a feeler gauge in space "A".



Move file to right before checking clearance at "B". Use same clearance in all species of wood.

Depth gauge clearance should be about .050 inch, or as set at factory.

