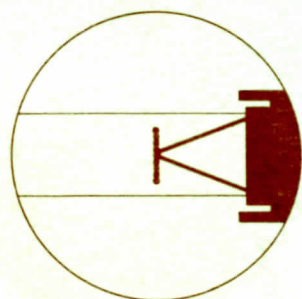




the 1962
SERVICE
SCHOOL



LAWN-BOY

LAWN-BOY

ORIGINAL EQUIPMENT

POPULAR ENGINE PARTS

CARBURETOR PARTS

FLOAT VALVE & SEAT



A-11 & A-12 ENGINES
 PART #677259
 SUGGESTED LIST PRICE - \$1.40
 ALL OTHER ENGINES:
 PART #486218
 SUGGESTED LIST PRICE - \$1.50

FLOAT & ARM



ALL ENGINES
 PART #375919
 SUGGESTED LIST PRICE - \$.85

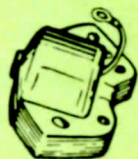
ADJUSTING NEEDLE



ALL ENGINES
 PART #677039
 SUGGESTED LIST PRICE - \$.60

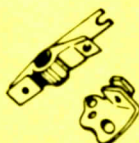
IGNITION PARTS

COILS



ALL LAWN-BOY ENGINES
 PART #580184
 SUGGESTED LIST PRICE - \$6.20

POINT SETS



ALL "C" SERIES ENGINES
 PART #677254
 ALL "A" SERIES ENGINES
 PART #580148
 SUGGESTED LIST PRICE - \$1.45

CONDENSERS



ALL "C" SERIES ENGINES
 PART #677299
 ALL "A" SERIES ENGINES
 PART #510173
 SUGGESTED LIST PRICE - \$1.00

PISTON RINGS

Engine	Part No.	Sugg. List	Engine	Part No.	Sugg. List
ALL "A" MODELS	602069	.40 (EA.)	C-12AA, C-17AA, C-13, C-14, C-15,		
C-10, C-12, C-20, C-21, C-22, C-70,			C-16, C-17, C-41, C-42, C-50,		
C-71, C-72, C-73, C-74	601006	.40 (EA.)	C-51, C-60, C-61, C-80, C-81	603181	.40
C-40	603039	.40 (EA.)	C-18, C-43	604101	.40

GASKETS

GASKET SETS

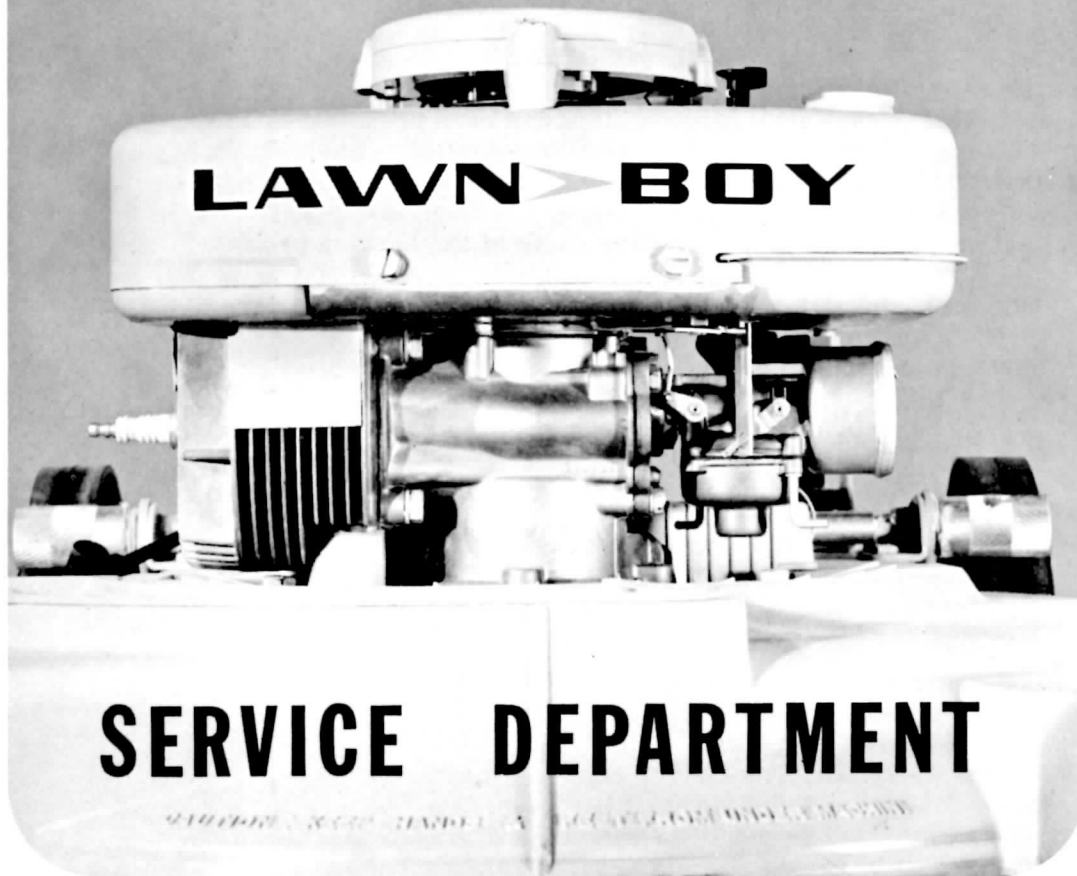


Model No.	Part No.	Sugg. List
ALL "A" ENGINES	677302	.60
C-10, C-12, C-20	677366	1.00
C-12AA, C-13, C-14, C-15, C-21,		
C-22, C-40, C-41, C-50, C-60,		
C-70, C-71, C-75	677481	.80
C-72	677932	.80
C-80	677882	.60
C-81	677934	.85
C-16, C-17, C-17AA, C-42, C-43,		
C-61, C-73, C-74	678071	.80

GASKETS

"A" SERIES ENGINES		Sugg. List
Cylinder Gasket	602049	.20
Carburetor Gasket	602052	.15
Float Bowl Gasket	602850	.15
Reed Plate Gasket	602051	.25
"C" SERIES ENGINES		Sugg. List
Cylinder Gasket		
C-10, C-12, C-20	602591	.20
ALL OTHER	604116	.20
Carburetor Gasket	602052	.15
Float Bowl Gasket	602850	.15
Reed Plate Gasket		
C-16, C-17, C-17AA, C-42,		
C-43, C-61, C-73, C-74	604000	.20
C-72	603851	.20
All Other	603953	.20

1962



SERVICE DEPARTMENT

LAWN  BOY SERVICE DEPARTMENT

LAMAR, MISSOURI



DIVISION OF OUTBOARD MARINE CORPORATION

FOREWORD

This sound-slide presentation has been prepared by the Lawn-Boy Service Department to familiarize you with the 1962 line. The information in it will help you solve some of the service problems that occur, and acquaint you with the improvements made in the new Lawn-Boy equipment.

Since this program has been prepared for your benefit, we hope you will make the most of it by entering into the discussion of the 1962 Lawn-Boy line.

LAWN-BOY SERVICE DEPARTMENT

Lamar, Missouri



1

Lawn-Boy presents.....the 1962 Lawn-Boy Service Program-- designed to familiarize you with the latest improvements and servicing requirements of the 1962 Lawn-Boy line!



2

Yes, Lawn-Boy is "new for '62." One example is this lightweight model--the 3051 Special--powered with the C-73, 2 horsepower Lawn-Boy engine. Ideal for smaller lawns, this rugged power mower is equipped with a needle-bearing engine, a bright new finish, and modern trim.



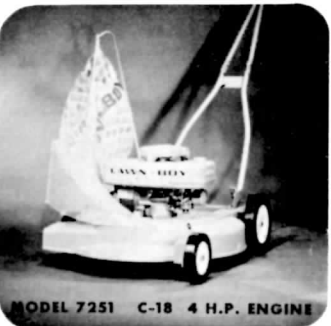
3

This model--5251--is the 19-inch Quietflite...the softest sound in power mowing. This Lawn-Boy Quietflite is similar to previous models except for its lighter weight housing and component parts, and its anti-friction needle-bearing engine. It is powered by a 2-1/2 horsepower engine, with an oversize muffler.



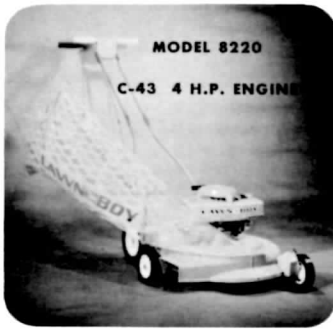
4

Brand new in the Lawn-Boy line this year, this is the dual-purpose model, Number 5230, 19-inch Deluxe Grass-Catcher. It features quick height adjustment levers, and a "Safety-Proved" housing design which meets or exceeds all industry standards approved by the Outdoor Power Equipment Institute and the American Standards Association. A removable plate permits the addition of a catcher chute and bag accessory. This model is powered by the C-17, 3 horsepower Lawn-Boy engine.



5

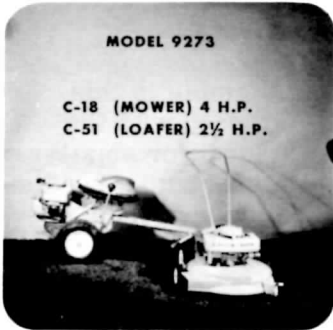
Another new mower for '62 is Model 7251, the 21-inch Deluxe Grass-Catcher, which uses the 4 horsepower, Super-Powered C-18 Lawn-Boy engine. Safety housing design, quick wheel height adjustment, and detachable chute and catcher bag are important features of this durable, lightweight power mower.



MODEL 8220
C-43 4 H.P. ENGINE

6

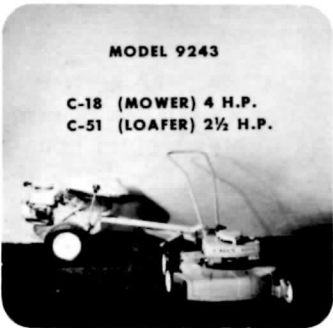
The ultimate in lawn care is the Lawn-Boy 8220, 21-inch Grass-Catcher "Automower." This self-propelled mower features the 4 Horsepower Super-Powered Lawn-Boy Engine, C-43. This Automower has quick height adjustment, a safety proved housing design, and a detachable chute and bag. "Don't push-just stroll" illustrates an important feature of this modern designed and rugged mower.



MODEL 9273
C-18 (MOWER) 4 H.P.
C-51 (LOAFER) 2½ H.P.

7

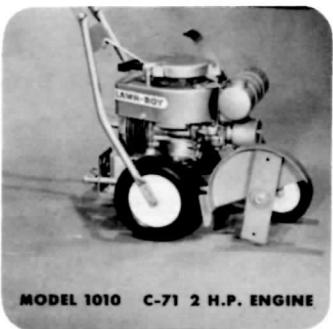
The Rider-Mower, Model 9273, 21-inch, features the 7251 Deluxe Mower 4-horsepower engine. The Riding Loafer is Model 9211, with a 2-1/2-horsepower engine. This 6-1/2 horsepower combination is highly maneuverable. This year, a spring seat and extended shift lever have been added to the Loafer for ease of operation and control. An extra set of wheels is included so that the Loafer can be used separately as a push-or-pull tractor.



MODEL 9243
C-18 (MOWER) 4 H.P.
C-51 (LOAFER) 2½ H.P.

8

This Lawn-Boy Rider Mower, Model 9243, combines the all-new Model 4300, 24-inch mower and the 9211 Loafer. This versatile, 6-1/2 horsepower unit features a deep, non-clogging housing for maximum discharge efficiency. This 24-inch mower is also detachable, allowing the Loafer to be used in other lawn and garden jobs.



MODEL 1010 C-71 2 H.P. ENGINE

9

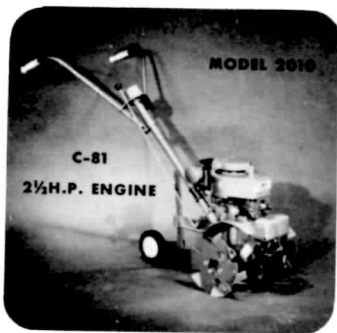
The Lawn-Boy Edger-Trimmer puts the "finishing touch" to a beautiful lawn. This lightweight Edger-Trimmer, Model 1010, permits front wheel adjustment for selective trimming or edging. The Edger-Trimmer is powered by a 2 horsepower C-71 Lawn Boy Engine.



MODEL 1116 C-72 2 H.P. ENGINE

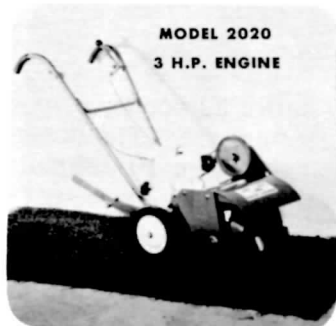
10

The Lawn-Boy Hobby Gardener is a versatile lawn and garden tool designed for the home gardener. Quick change adjustments make the Hobby Gardener a hoe, a weeder, a tiller, or an edger. It is powered by a 2 horsepower C-72 Lawn-Boy Engine. The Hobby Gardener Model 1116 is an efficient handyman for lawn or garden.



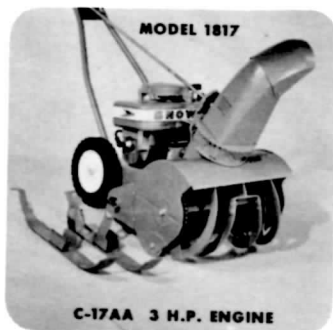
11

The Gardener makes fast and efficient work of soil preparation and cultivation. This lightweight vertical tiller, Model 2010, is powered by a needle-bearing connecting rod engine, the C-81, 2-1/2 Horsepower. The Lawn-Boy Gardener is ideal for city and suburban flower and vegetable gardens.



12

The finest in garden care is the Master Gardener, Model 2020. The 3 Horsepower Engine guarantees fast and efficient soil preparation - a must for demanding gardeners and nurseries.



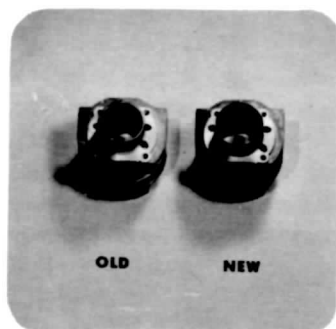
13

The Snow-Boy, Model 1817, features the C-17AA, 3 Horsepower winterized engine. This powerful engine plows through the heaviest snow. The directional chute and snap-on skis guarantee easy and efficient snow removal. Similar to last year's Snow-Boy, this 1962 unit features the anti-friction needle-bearing engine.



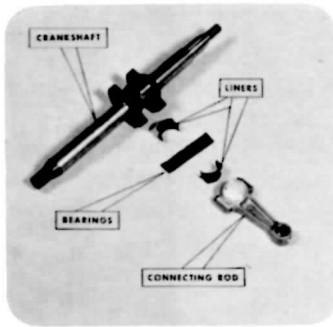
14

This 1962 line of Lawn-Boy equipment--with the mechanical and engineering advancements we have just noted--has brought with it some service and parts changes. Here are a few of these improvements.



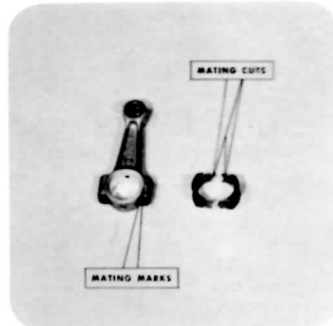
15

For greater horsepower, several models feature increased engine displacement. The Super-Powered C-18 and C-43 engines have a larger piston and cylinder, with a 2-3/8 inch bore--a displacement of 6.645. This increased displacement means added horsepower. The Grass-Catcher Models 7251 and 8220, and the 24-inch Loafer-Mower Model 4300 have this added feature.



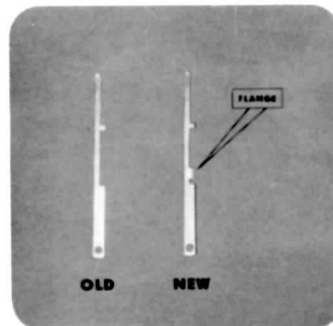
16

A 1961 mid-year engineering change was made on several Lawn-Boy engines. Following through this year, most Lawn-Boy engines are equipped with needle bearings on the crank pin end of the connecting rod. Needle bearing short blocks are available for installation in the older engines.



17

Dove Tail Liners are used to hold a set of 33 needle bearings in the crank pin end of the connecting rod. The connecting rod and cap have "mating marks" to guarantee correct assembly. The Dove Tail Liners have "mating cuts" for proper assembly.



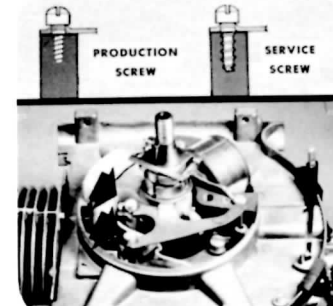
18

An added flange on the new choke bar gives positive stop and reduces choke bar wear. These new bars-Part Number 604055- can be installed on all "C" series engines equipped with an "on-off" switch.



19

An important change has been made in the shut-off switch spring. A tempered one-eighth-inch flat wire spring gives additional strength and more positive shut-off grounding. However, this spring cannot be added to earlier "C" series engines because of the armature plate design.



20

A new Governor Lever Screw will tighten securely in thread-worn holes of the armature plate. This screw, Part Number 604121, differs from the production screw in that, used for service only, it is a self-tapping, coarser-thread screw.



21

The 1962 Lawn-Boy equipment is stronger, but weighs less than earlier models. Mower parts, such as the housing and muffler plate, are made of a new magnesium alloy, called Magnalite. Although this Magnalite casting is one-third lighter than aluminum, it has greater strength. Here is a portion of the new magnesium die-cast installation at the Lawn-Boy factory.



22

The parts shown here are made of Magnalite. These parts have only two-thirds the weight of identical parts cast from aluminum. The magnesium parts have a higher strength per weight ratio. For identification of parts made with this alloy, a label is cast in, as shown.



23

Housing breakage is never covered in warranty except where a definite flaw is found in the metal. Magnalite housings and other component parts may be efficiently welded with a HELIARC* welder or regular acetylene torch with EutecRod Number 1900 and Number 1900 Eutector flux, or their equivalent.



24

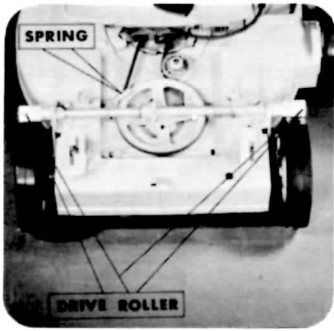
The new steel wheel built by Lawn-Boy is one of the 1962 series of improvements. A one-piece heavy-duty nylon bearing is locked in place. This prevents turning in the hub. However, the bearing is not replaceable.



25

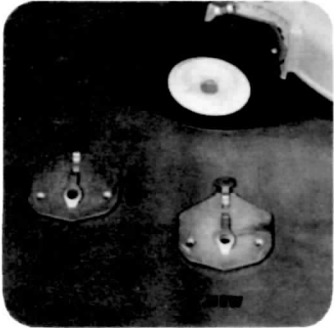
A series of changes has been made in the drive mechanism of the 1962 Automowers. The variable speed nylon pulley has been replaced by a one-piece steel pulley, which is secured to the crankshaft with a metal clip and rivet.

*Trademark of Union Carbide and Carbon Corporation.



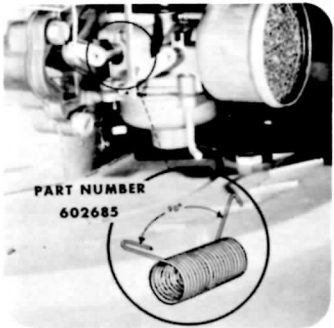
26

So, the speed control rod has been removed this year, and this spring maintains proper belt tension. In the event a slower speed is desired, the drive rollers shown may be replaced by smaller O.D. drive rollers, such as the ones used on the 8200 series. A special service assembly, Part Number 678101, is available for this conversion.



27

There is also an advancement in the height adjustment design. The plate and spring are redesigned on new six-position adjusters. The new spring, now being supplied for all replacements, will work with old plates. However, new plates cannot be installed with the old spring.



28

Distortion of the throttle shaft spring may cause surging of the engine, and, in some cases, excessive r.p.m. To correct this problem, check each spring before and after installation. The ends of Spring Part Number 602685 should form approximately a 90° angle. Also check to see that the spring is not binding on the shaft.



29

Improper lubrication, resulting from the use of incorrect oil, can lead to serious and often permanent damage to Lawn-Boy engines. Rod breakage, crankshaft galling, and piston and cylinder scoring can result from inadequate lubrication. Always use automotive oil, Service MS, 30 weight. Do not use multiple viscosity or outboard motor oils.



30

Accessory items have been developed to increase service efficiency and sales. One special item is this sturdy, all-metal counter file for Service Manuals, Catalogs, and Price Lists. It is available in expandable, overall capacities of 8 inches to 14 inches. The rack is complete with four, one-inch sheet holders, and can be obtained with or without Lawn-Boy Service Manuals.



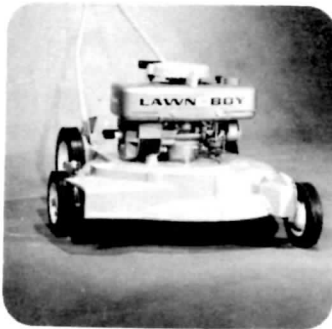
31

Disorganized parts binning costs you money. The Lawn-Boy Parts-Storage Kit gives you detailed inventory control at low cost--a must for successful parts replacement. Drawers and trays are constructed of Super-Fibre craft-board with metal-bound corners to withstand long and hard use. In addition, the drawers are coated for resistance to oil and grease. Trays are readily accommodated in numerous combinations. These Parts-Storage Kits are available from the factory.



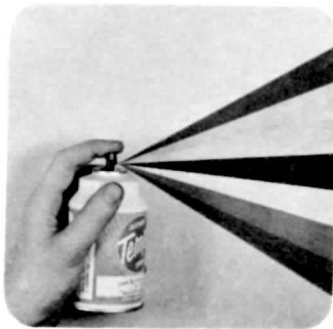
32

Let your customers know that you are an Authorized Lawn-Boy Service Station. These valuable aids--the lighted indoor and clock signs, the window decal, and the outdoor metal sign--mark you as an Authorized Lawn-Boy Service Station. Be sure that you make full use of these aids to promote your service business.



33

To make stocking and distribution of replacement parts easier for you, Lawn-Boy parts are supplied in one universal service color. This color is especially formulated to complement initial model colors of all Lawn-Boy equipment. The shroud mounted on this unit is painted the new universal color.



34

For touchup work, Lawn-Boy paints are available in 12-ounce pressurized spray cans. New Coloramic paints and paint used on previous models can be secured from your Central Parts Distributor.



35

Every year, there are more Lawn-Boy products in use than ever before. Your business can grow along with increased Lawn-Boy sales. Prepare yourself now for better and more profitable service.....



36

.....with Lawn-Boy!

NOTES: