REPAIR PARTS MANUAL 11 H.P. LAWN TRACTOR With 32" Mower Deck MODEL 3554-8100

ONE YEAR LIMITED WARRANTY

For one (1) year from date of purchase by the first consumer for residential use (thirty (30) days commercial use), NOMA Outdoor Products Incorporated warrants that it will replace free of charge, including labor, any original part of any NOMA Outdoor Products Incorporated product found to be defective by any authorized Service Dealer or the factory, except the battery which is warranted for ninety (90) days from date of purchase.

This warranty does not cover engine, transmission, transaxie or differential (these items are covered by their manufacturer's own warranty). This warranty does not cover parts that have failed due to normal wear or parts that have failed subject to misuse or abuse. Transportation of the unit or part to and from an authorized Service Dealer or factory is the responsibility of the owner.

A step by step explanation as to what procedure should be followed for this warranty is:

- If a part becomes defective, contact the store where the unit was purchased for the name and address of the authorized Service Dealer nearest to you.
- If you cannot locate an authorized Service Dealer, write Service Department of NOMA Outdoor Products Incorporated for the name and address of the authorized Service Dealer in your area or call the Service Department at 1-901-422-1690.
- Return the defective product, along with proof of purchase to such authorized Service Dealer for replacement of any defective part where covered by this warranty.

There is no other express warranty. Implied warranties, including those of merchantability and fitness for a particular purpose are limited to one (1) year from date of purchase. Liability for incidental or consequential damages are excluded.

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation and a states do not allow limitations on now long an implied warranty lasts, so the above limitation may not apply to you. Some states do not allow the exclusion of incidental or consequential damages, so the above exclusion may not apply to you. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

NOMA Outdoor Products Incorporated

Caller 8000

Jackson, TN 38308-8000

- UNIT PARTS AND SERVICE -

This manual contains instructions for safety, assembly and maintenance. Read this manual carefully and com-This manual contains instructions for safety, assembly and maintenance. Head this manual carefully and completely so that you will know proper assembly, use and care of your unit. Also fill in and mail the registration card packed with the unit. For service other than covered in this manual, contact an authorized service dealer. A nationwide parts and service organization has been established to provide locally available parts and service. A list of authorized parts distributors has been included in this manual. When ordering repair parts, always give the following information: 1. The Part Name; 2. The Part Number; 3. The Quantity desired; 4. The Full (eight digit) Model Number of the unit. The model number will be found on a click attached to the unit. digit) Model Number of the unit. The model number will be found on a plate attached to the unit.



Look for this symbol. It means - ATTENTION! BECOME ALERT! A HAZARD TO OPERATOR, BYSTANDER, PROPERTY OR EQUIPMENT MAY EXIST.

NOMA Outdoor Products incorporated Caller 8000 Jackson, TN 38308-8000

Part No. 309319



OPERATIONAL PRECAUTIONS

THESE INSTRUCTIONS ARE FOR YOUR PROTECTION. PLEASE READ THEM CAREFULLY.



- Know the controls and how to stop quickly. READ THIS OPERATOR'S MANUAL and instructions furnished with attachments.
- Wear safety glasses or eye shields when assembling or operating riding mower.
- Do not allow children to operate the machine. Do not allow adults to operate it without proper instruction.
- Do not carry passengers. Do not mow when children and others are around. Disengage power to blades(s) or attachment(s) and stop the engine while others are in the vicinity of the mower.
- 5 Battery fluid (electrolyte) is an ACID and is extremely dangerous. Do not smoke while servicing the battery. Do not service the battery near a open flame or spark.
- 6. Handle gasoline with care, it is highly flammable.
 - A. Use approved gasoline container.
 - B. Never remove the fuel cap of, or add gasoline to, a running or hot engine, or an engine that has not been allowed to cool for several minutes after running. Never fill the tank indoors and always clean up spilled fuel immediately.
 - C. Do not smoke while filling fuel tank.
 - D. Do not run the engine indoors. Open doors if engine must be run in garage. Exhaust furnes contain CARBON MONOXIDE, an ODORLESS and DEADLY GAS.
- Check fuel supply before each use allowing space for expansion as the heat of the engine and/ or sun can cause gasoline to expand.
- Do not operate mower when barefooted. Always wear substantial footwear, preferably steel-toed shoes. Do not wear loose fitting clothing that could get caught in moving parts.
- Clear the work area of objects (wire, rocks, etc.) which might be picked up and thrown. Check all controls for proper function.
- 10. Disengage all attachment clutches, shift to neutral, and set parking brake before attempting to start the engine (motor). When starting engine equipped with a pull starter, stand firm and make sure your feet are well away from the blade(s).
- Disengage power to blade(s) or other attachments(s) and stop the engine (motor) before leaving the operator's position. Always dismount from the left side.
- Disengage power to blade(s) or other attachment(s) and stop the engine (motor) before making any repairs or adjustments.
- Disengage power to blade(s) or other attachment(s) when transporting or not in use.
- 14. Take all possible precautions when leaving the vehicle unattended, such as disengaging power to blade(s) or attachment(s), lower the attachment(s), setting the parking brake, stopping the engine (motor), and removing the key.
- Do not stop or start suddenly when going uphill or downhill. Mow up and down the face of steep slopes; never across the face.

- Reduce speed and exercise extreme caution on slopes and in sharp turns to prevent tipping or loss of control. Be especially cautious when changing direction on slopes.
- 17. Stay alert for holes, rocks, and roots in the terrain and other hidden hazards. Keep away from drop-off. Never operate your riding mower on wet or slippery grass or at a speed which could cause a skid. Exercise care when mowing around a fixed object to prevent the blade(s) from striking it. Never deliberately run over any foreign object.
- Always disengage blade control lever before attempting to remove the mower from a hole or other obstruction.
- Use care when pulling loads or using heavy equipment.
 A. Use only approved drawbar hitch points.
 - B. Limit loads to those that you can safely control.
 - C. Do not turn sharply. Use care when backing.
 - Use counterweight(s), wheel weights or tire chains when suggested in attachment(s) instructions.
- 20. Watch for traffic when crossing or near roadways.
- When using attachment(s), never direct discharge of material toward bystanders nor allow anyone near the vehicle while in operation.
- Keep the vehicle and attachments in good operating condition, and keep safety devices in place and in working condition.
- 23. Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
- 24. Never store the equipment with gasoline in the tank inside a building where fumes may reach an open flame or spark. Allow the engine to cool before storing in any enclosure.
- To reduce fire hazard, keep the engine free of grass, leaves or excessive grease.
- 26. The vehicle and attachments should be stopped and inspected for damage after striking a foreign object, and the damage should be repaired before restarting and operating the equipment.
- Do not change the engine governor settings or overspeed engine.
- 28. When using the vehicle with mower, proceed as follows:
 - A. Mow only in daylight or in good artificial light.
 - Never make a cutting height adjustment while the engine (motor) is running if the operator must dismount to do so.
 - Shut the engine (motor) off when removing the grass catcher or unclogging chute,
 - D. Check the blade mounting boits for proper tightness at frequent intervals.
- 29. Under normal usage, the grass catcher bag material is subject to deterioration and wear. Check the bag frequently for deterioration and wear and replace worn bags. Check that replacement bags comply with the original manufacturer's recommendations or specifications.
- Disengage power to mower before backing up. Do not mow in reverse unless absolutely necessary and then only after careful observation of the entire area behind the mower.

2

 OWNER'S INFORMATION
Record the following information about your unit so that your will be able to provide it in case of loss or theft. MODEL NUMBER: / / CODE NO.: SERIAL NO.: DEALER'S NAME AND ADDRESS:
 CITY: STATE: TELEPHONE:

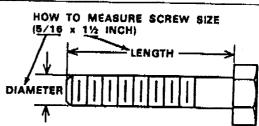
CONTENTS OF SHIPPING CARTON

- Tractor (with 32 inch deck) Operator's Manual
- Repair Parts Manual
- Engine Manual
- Steering Wheel (with roll pin partially installed)
- 1 Seat
- 1 Battery
- 1 Battery Acid Pack
- 1 Bag of Assembly Parts Containing:
 - 1 Oil Drain Trough
- 1 Battery Hold-Down Bracket
- 1 Battery Hold-Down Rod
- 1 Bag of Battery Hold-Down Parts Containing:

 - 1 9/32 inch Flatwasher 1 1/4 inch Split Lockwasher
 - 1 1/4 20 inch Hex Nut
- 1 Bag of Battery Cable Installation Parts Containing:
- 2 1/4 20 x 5/e inch Hex Head Screws
- 2 1/4 inch Keps, Nuts (Star Washer attached)
 1 Bag of Seat Mounting Parts Containing:
 - 4 5/16 18 x 3/4 Inch Hex Head Screws
 - 4 5/16 inch Split Lockwashers
- 4 11/32 inch Flatwashers

TOOLS REQUIRED FOR ASSEMBLY

- 1 7/1e inch Wrench (or adjustable wrench)
- 1 1/2 inch Wrench (or adjustable wrench)
- 1 Hammer





DANGER



This riding mower can be dangerous if carelessly

Read your Owner's Manual thoroughly before operating your riding mower.

Always wear safety glasses or eye shields while assembling or operating your riding mower.

DO NOT carry passengers at any time.

Keep your hands, feet, hair and loose clothing away from the discharge area, the underside of the mower deck or any moving parts while the engine is running.

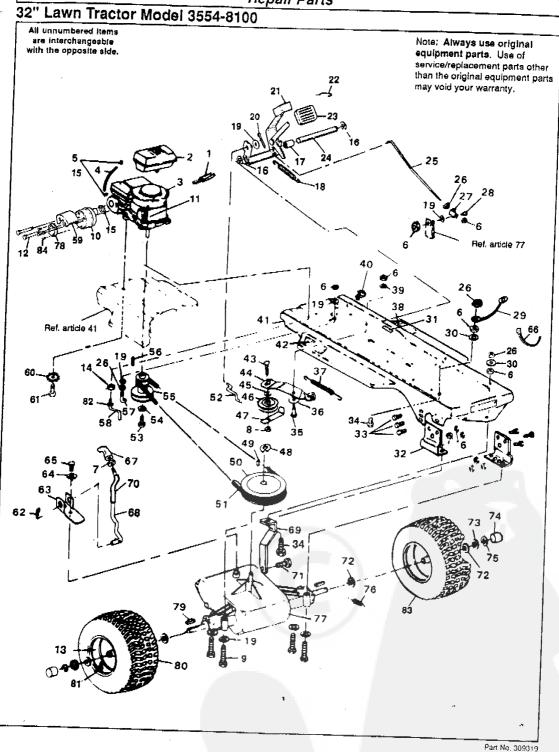
DO NOT allow children or young teenagers to operate or be near your riding mower while it is operating.

NOTICE

For packaging purposes, the knob may have been removed from the mower clutch lever and placed in the parts bag. Please screw the knob onto the mower clutch lever and tighten it securely.

For packaging purposes, the battery may have been installed on your unit. The battery must be removed from your machine to be serviced. See the Battery Removal paragraph in your Operator's Manual for removal instructions.

Repair Parts



32" Lawn Tractor Model 3554-8100

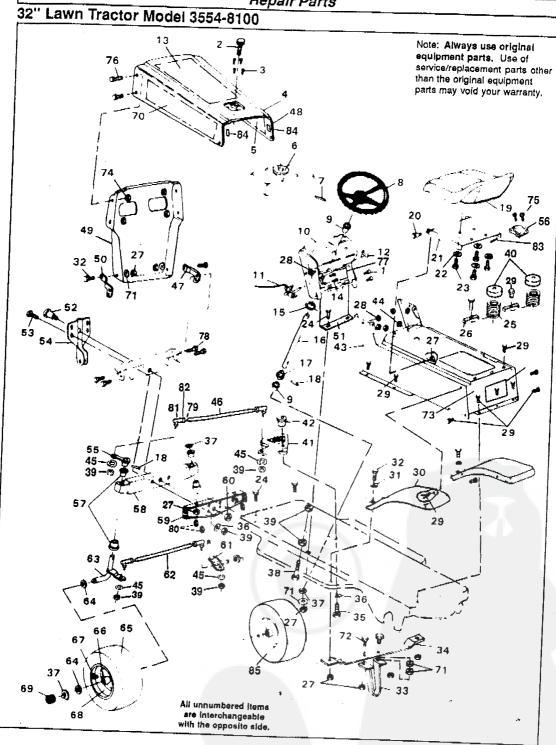
Always give the following information when ordering repair parts:

1. The PART NUMBER;
2. The PART NAME;
3. The QUANTITY DESIRED;
4. The MODEL NUMBER (As shown on Model Plate).

Send your part orders per the instructions on the front page.
To tell if a part is the left or right handed one, stand behind your mower.
Do not use the key numbers when ordering repair parts, always use the part numbers.
All replacement parts will be supplied in current production colors or in a neutral color.
A handling fee is applicable to small parts orders.

Key No.	Part No.	Description	Ke Ne		. Description
1	54873	Trough, Oil Drain	4		the state of the s
2	302579		48		- went retained
3	Engine	~ See Footnote Below	49		
4	47452	Gas Line	50		
5	41008	Clip, Gas Line	51		
6	1498	Locknut, Hex 5/16-18 Thd.	52		- 1
7	120238	Lockwasher, Split 5/16 In.	53		
8	1499	Locknut, Hex 3/8-16 Thd.	54		
9	180089	Screw, Hex Hd 5/16-18 x 2-1/4 ln.	55		
10	57908	Muffler	56	1	
11	302967	Speed Reducer	57	1	
12	173063	Bolt, 5/16-18	1. 1	1	
13	36182	Wheel	58	1	
14	271190	Nut, Keps 3/8-16 Thd.	59		Transmit the title
15	46708	Gasket, Muffler	60	13848	
16	20864	"E" Ring	61	5094	
17	302601	Spacer	62	13718	Pin, Cotter 1/8 x 1 in.
18	50562	Spring, Clutch Pedal	63	12616	1
19	120393	Flatwasher, 5/16 In.	64	57157	
20	121222	Pin, Cotter 3/32 x 3/4 In.	65	56255	1
21	302603	Brake Pedal Assembly	66	57444	Wire Tie
22	55024	Retainer, Brake Pad	67	304438	1,
3	53979	Rubber Pad, Brake Pedal	68	302283	
4	302600		69	54713	Bracket, Stabilizer
5	54715	Shaft, Brake-Clutch Pedal	70	302445	Tube, Clear Plastic
6	271184	Rod, Brake	71	35498	Screw, Hex Wa. Tap 5/16-18 x 3/4 in
7	54723	Nut, Hex Keps 5/16-18 Thd.	72	642	Flatwasher
8	20507	Bracket, Brake Rod	73	42815	Flatwasher
9		Shoulder Boit	74	40394	Hub Cap
0	55511	Ground Wire	75	36625	
1	138485	Washer, Shakeproof	76	35410	Spring, Brake Return
2	68903	Decal, Caution	77	Transaxle	^ Peerless 3 Speed Model 900
3	7707	Bracket, Axle	78	56472	Deflector, Side Out
- 1	120228	Screw, Hex Hd 5/6-18 x 5/8 in.	79	39628	Key, 3/16 x 3/16 x 2-1/2 in.
4	122017	Screw, Hex Hd 5/16-18 x 1-1/4 ln.	80	42091	Tire
5	41890	Shoulder Balt	81	24167	Vaive Stem
3	4107	Washer	82	41529	Jam Nut, 3/8-16
"	49276	Spring, Main Drive	83	42090	Wheel Assembly
3	304032	Foot Pad, Right	84	35287	Screw, Hex Wa Tap #8-32 x 3/8 in.
1	45602	Washer	85	307127	Operator's Manual (Not Illustrated)
۱ ۱	54888	Retainer, Wire	86	309319	Parts Manual (Not illustrated)
	9753	Main Frame	1 "	000013	r ans manual (Not illustrated)
	304033	Foot Pad, Left			
	45892	Carriage Bolt, 3/8-16 x 1-1/2 in.			
٠	1306	Idler Arm		- 1	(*) Standard hardways its
	274517	Flatwasher, 25/64 in.] - [(*) Standard hardware items - may be purchased locally.
	303031	Pulley, idler	1 1		/A\ Contact Topumed @
1	i				(^) Contact Tecumseh/Peerless author-
	1	1	1 1		ized service dealer for parts and
]	l				warranty.
1				1	(~) Contact engine manufacturer's author-
1					ized service dealer (see engine
5. 309	0.40				manual) for parts and warranty.

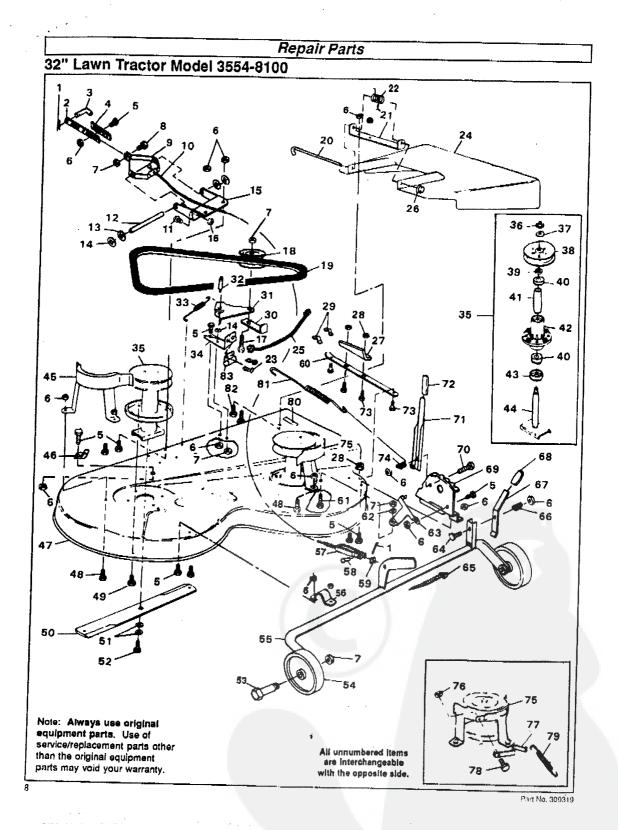
Repair Parts



Part No. 309319

32" Lawn Tractor Model 3554-8100

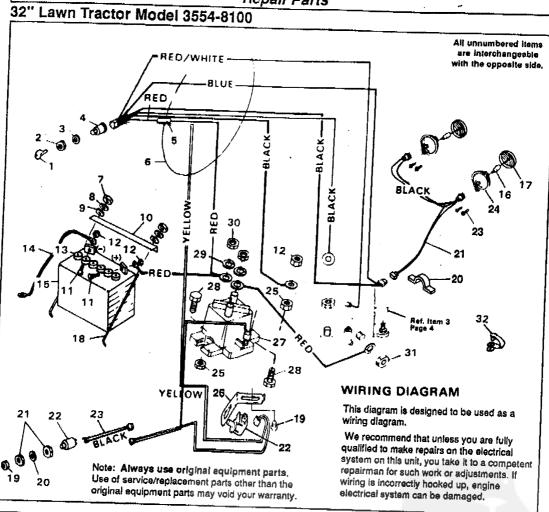
ζey	-	Tactor Model 3554-8100			
No.	Part No.	Description	Ka) No		Description
1	274672	Screw, Hex Hd 1/4-20 x 3/4 In.	46		
2	50988 49050	Gas Cap w/Gauge	47		Drag Link Assembly Bracket, Grille Support R.H.
4	307609	Screw, Plastite, 1/4-10 3/4 In.	48		Edging, Hood
5	55931	Hood Food Bad Hay 15 H	49	56673	Grille
6	54885	Foam Pad, Hood R.H. Pad, Vibration	50	5729	Bracket, Grille Support L.H.
7	456378	Spring Pin, 1/4 x 2-1/4 in.	51	8261	Bulkhead, Console
8	301251	Steering Wheel	52	50720	Shoulder Bolt Axle Pivot
9	54902	Bearing, Steering	53	122201	" Screw, Hex Hd 3/8-16 x 2-3/4 in
10	306316	Dash Assembly	54	8541	Bracket, Deck Hanger
11	50117	Lever, Throttle Control	55	49447	Arm, Steering
12	50607	Knob, Throttle Control Lever	56	122145	Screw, 3/8-16 x 2-1/4 in.
ıз į	55930	Foam Pad, Hood Top	57	50546	Bearing, Spindle
4	35287	Screw, Taptite #8-32 x 3/8 In.	58	9766	Front Axle Assembly
5	39492	Retaining Ring	59	56362	Bracket, Front Axie Support
6	44008	Shaft, Steering Assembly	60	274654	Locknut, Hex 1/4-20 Thd
7	44009	Pinion Gear	61	302668	Spindle, Right
8	454565	Roll Pin	62	302691	Tie Rod
9	304314	Seat	63	302667	Spindle, Left
۱ د	20507	Shoulder Bolt	64	642	Flatwasher, 3/4 in.
Н	8889	Seat Bracket	65	41060	Tire
2	120638	* Lockwasher, Split 5/16 In.	66	39979	Bearing
1	122007	Screw, Hex Hd, 5/16 - 18 x 3/4 In.	67	24167	Valve Stem
1	120228	Screw, Hex Hd 5/16-18 x 5/8 In.	68	39937	Wheel /Bearing
	56220	Spring, Seat	69	40394	Hub Cap
	1341	Clip, Seat Spring	70	55932	Foam Pad, Hood L.H.
1	1498	Locknut, Hex 3/16-18 Thd.	71	120393	Flatwasher, 11/32 in.
	51335	Locknut, Wide Flange 1/4 - 20 Thd.	72	120233	Screw, Hex Hd, 3/8 - 16 x 1 In.
	995346	Screw, Taptite 1/4-20 x 1/2 in.	73	8521	Cover, Console Rear
	3606	Fender !	74	50352	Locknut, Flange 1/4 - 20 Thd.
1	446363	Flatwasher, 5/16 In.	75	302444	Pads, Adhesive (4)
	122017	Screw, Hex Hd 5/16-18 x 1 In.	76	273243	Screw, Hex Hd, 1/4 - 20 x 3/4 ln.
1	49899	Bracket Deck Guide	78	307022	Decal, Lower Dash
	43964	Bracket, Deck Guide Support	79	56030 120369	Screw, Hex Hd, 5/16 - 18 x 3/4 In.
	39573	Screw, Hex Hd Lock 3/8-24 x 1 in	80	55273	Nut Hex 3/8 - 24 Thd.
	2483	Spring Washer	81	21275	Locknut, Flange 5/16 - 18 Thd.
	36625	"E" Ring	82		Ball Joint
1	49930	Upstop Boit	83	124925	Nut, Hex 3/8 - 24 Thd.
ı	1499	Locknut, 3/8-16 Thd.	84	41482 302444	Press Clip
1	302099	Spring Cover	85	41059	Pad, Mount to Hood
	304245	Sector Gear	86		Wheel and Tire Assembly
١.	44011	Shoulder Bolt, Sector Gear	87	57547 160505	Seat Switch
	306959	Console Assembly	1 "	100000	Screw, 1/4 - 20 x 3/8 in.
	1502	Locknut, Hex 1/4-20 Thd			
	120382	Lockwasher, Split 3/8 In.			
	- 1				
	1				
	- 1				
	- 1				
	1				
	j				
	İ	-			
	- 1				
	1				
	ſ				
	Ī	1			
	1				-
	.]			1	*
				(*) \$	Standard hardware items - may be ourchased locally.



32" Lawn Tractor Model 3554-8100

	52	LAWII	ractor Model 3554-8100			
	(ey No.	Part No.	Description	Key No.	Part No.	Description
	1 2 3 4	56180 49059 47816 49058	Hairpin Cotter Bar Hitch Pull Pin Lock Bracket	46 47 48 49	57569 306277 122017 50634	Retainer, Wire Mower Deck Screw, Hex Hd, 5/18 - 18 x 1 ln, Screw, Taptite, 5/16 - 18 x 7/8 ln.
	5 6 7 8	120228 1498 1499 120918	Screw, Hex Hd, 5/16 - 18 x 5/8 in. Locknut, 5/16 - 18 Thd. Locknut, 3/8 - 16 Thd. Screw, Hex Hd, 3/8 - 16 x 1-1/2 in.	50 51 52	56820 2483 39573	Blade, 16 In. Spring Washer Screw, Taptite, 3/8 - 24 x 1 In
	9 10 11	.50613 57511 55686	Pivot Bracket Lift Cable Screw, Truss Hd, 1/4 - 20 x 5/8 In,	53 54 55 56	23763 52584 12561	Shoulder Bolt Wheel Assembly, Deck Pivot Tube Assembly
	3	55724 996425 20864	Pivot Rod Flatwasher, 33/64 In. Retaining Ring "E"	57 58 59	51985 9405 39522 120372	Support, Pivot Tube Clevis, Lift Cable Pin, Clevis Nut, Square, 1/4 - 20 Thd,
1	5 6 7 8	48676 271172 122181 39498	Lift Support Plate Keps Nut, 1/4 - 20 Thd. Screw, Hex Hd, 3/8 - 16 x 2 in.	60 61 62	55370 180120 120394	Skid Bar Screw, Hex Hd, 3/8 - 16 x 3/4 in. Flatwasher, 13/32 in.
1	9 0	45186 57430 57432 57431	Idler Pulley, Drive V-Beit Rod, Chute Pivot Pivot Bracket Spring, Chute Pivot	63 64 65 66	53781 120696 57444 53246	Brace, Height Adjust Bracket Screw, Hex Hd, 5/16 - 18 x 2-1/4 In. Wire Tie Spring, Height Adjust Lever
2:	4 5	57220 8905 57564 57507	Screw, No. 12 x 1/2 In. Chute Guard Wire Assembly, Deck Switch Push Nut	67 68 69 70	8903 53995 12559 122040	Lever, Height Adjust Hand Grip, Height Adjust Lever Bracket, Height Adjust Screw, Hex Hd, 5/16 - 18 x 3/4 in.
28 28 29 30	7	55648 271184 41482 3382	Nut, Hex Keps, 5/16 - 18 Thd. Wire Clip, Press Belt Retainer	71 72 73 74 75	9126 55213 126216 29170 307653	Lever, Deck Engage Hand Grip, Deck Engage Lever Carriage Bolt, 5/16 - 18 x 3/4 ln. Spring, Deck Engage Lever
31 32 33 34 35 36		304883 40305 41357 57519 56283	Bracket, Throwout Shoulder Bolt Spring, Blade Throwout Return Mounting, Bracket, Switch Quill Assy. (Includes Nos. 36-44)	76 77 78 79 80	997316 44992 443874 12556 68901	Belt Guard, R.H. Pulley Locknut, No. 10-24 Thd. Spring, Belt Brake Screw, Hex Hd. No. 10-24 x 1/2 In. Spring, Brake Release Decal, Height Adjust
37 38 39 40		1282 56365 56391 56280 49562	Flange Nut, 7/16 - 20 Thd. Washer, Special Pulley Spacer Bearing	81 82 83	12557 122007 57476	Spring, Blade Throwout Screw, Hex Hd, 5/16 - 18 x 3/4 In. Switch, Lockout
41 42 43 44		50818 55547 50618 56623	Spacer, Tube Quill Casting Dust Shield, Quill Saddle and Shaft Assembly			
45		307652	Beit Guard, L.H. Pulley		1	
) 1	
i						
rt No.	3093	19				

Repair Parts



	Key No.	Part No.	Description
.	1	300626	Key, Ignition
	2	48140	Locknut (Switch Part)
1	3	138557	Lockwasher (Switch Part)
1	4	300687	Switch, Ignition
١	5	302031	Fuse
١	6	57642	Wire Harness Assembly
1	7	120375	Nut, Hex, 1/4 - 20 Thd.
ı	8	120380	Lockwasher, Split
1	9	120392	Flatwasher
ı	10	56360	Bracket, Battery, Hold-Down
1	11	120854	Screw, Hex Hd, 1/4 - 20 x 5/8 In.
ı	12	271172	Nut, Keps, 1/4 - 20 Thd.
ı	13	40892	Cap, Battery
ı	14	55511	Ground Wire
ı	15	302257	Battery
L	16	52572	Bulb, Headlight

Key No.	Part No.	Description
17 18 19 20 21 22 23 24 25 28 27 28 29 30 31	52570 40234 995346 41482 56189 300220 50668 52571 1502 302610 53716 187745 138485 120368	Lens, Headlight Battery Rod Screw, Taptite, 1/4 - 20 x 1/2 ln. Wire Clip, Press Lead Wire, Headlight Switch, Lockout Screw, Hex Wa Tap No. 10-14 x 1/2 ln. Bezel, Headlight Locknut, Hex, 1/4 - 20 Thd. Bracket, Switch Mounting Solenoid Screw, Hex Hd, 1/4 - 20 x 3/4 ln. Washer, Shakeproof, 5/16 ln. Locknut, Hex, 5/16 - 24 Thd. Engine Part