

FILE COPY

Operator's Manual

*Model
1321PP*

*Walk-Behind
Self-Propelled
Lawnmower*



5 HP, 21" Cutting Width

MFG. NO. 1691099

Simplicity®



SAFETY PRECAUTIONS

Safety is NO accident..... Be Alert!

This symbol is used to attract your attention to the safety precautions that should be understood by the operator to avoid accidents.

When you see this symbol  **HEED ITS WARNING!**



CAUTION: Always disconnect spark plug wire and place wire where it cannot contact spark plug to prevent accidental starting when setting up, adjusting or making repairs to your lawnmower.

Your lawnmower was built to the highest standards in the industry. However, **a mower is only as safe as the operator.** As with any type of power equipment, carelessness or error on the part of the operator can result in injury. Please read and follow these instructions on safe operation and be certain anyone using this lawnmower is familiar with these simple rules:

Training

1. Read your Owner's Manual and engine instruction manual carefully. Be thoroughly familiar with the controls and proper use of the equipment.
2. Never allow children to operate a power mower.
3. Keep the area of operation clear of all persons, particularly small children and pets.

Preparation

1. Thoroughly inspect the area where the equipment is to be used and remove all stones, sticks, wires, bones and other foreign objects.
2. Do not operate the equipment when barefoot or wearing open sandals. Always wear hard toed or safety footwear.
3. Check the fuel before starting the engine. Do not fill the gasoline tank indoors, when the engine is running, or while the engine is still hot. Wipe off any spilled gasoline before starting the engine.
4. Disengage the self-propelled mechanism or drive clutch (on units so equipped) before starting the engine.
5. Never attempt to make a wheel height adjustment while the engine is running.
6. Mow only in daylight or good artificial light.
7. Never operate the equipment in wet grass. Always be sure of your footing; keep a firm hold on the handle and walk; never run.

Operation

1. Do not change the engine governor settings or over-speed the engine.
2. Do not put hands or feet near or under rotating parts. Keep clear of the discharge opening at all times. Never pick up or carry a mower when it is running.
3. Stop the blade(s) when crossing gravel drives, walks, or roads.

4. After striking a foreign object, stop the engine, remove the wire from the spark plug, thoroughly inspect the mower for any damage, and repair the damage before restarting and operating the mower.
5. If the equipment should start to vibrate abnormally, stop the engine and check immediately for the cause. Vibration is generally a warning of trouble.
6. Stop the engine whenever you leave the equipment, before cleaning the mower housing, or when making any repairs or inspections.
7. When cleaning, repairing, or inspecting, make certain the blade and all moving parts have stopped. Disconnect the spark plug wire, and keep the wire away from the plug to prevent accidental starting.
8. Do not run the engine indoors.
9. Shut the engine off and wait until the blade comes to a complete stop before removing the grass catcher or unclogging chute.
10. Mow across the face of slopes, never up and down. Exercise extreme caution when changing directions on slopes. Do not mow excessively steep slopes.
11. Never operate the mower without proper guards, plates, or other safety protective devices in place.
12. Do not use any attachments unless they are approved by the original manufacturer.

Maintenance and Storage

1. Check the blade and the engine mounting bolts at frequent intervals for proper tightness.
2. Keep all nuts, bolts, and screws tight to be sure the equipment is in safe working condition.
3. 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.
4. **To reduce fire hazard, keep the engine free of grass, leaves, or excessive grease.**
5. Check the grass catcher and control cables for wear or deterioration. Replace with new parts for safety protection.
6. Use only replacement parts made and guaranteed by the original manufacturer.

KNOW YOUR LAWNMOWER



WARNING:

Do not operate this mower without the chute extension or the entire approved grass catcher in place. These guards are for your protection and are required by the American National Standards Institute.

CUSTOMER'S RESPONSIBILITIES

(include but not limited to)

Always use care when operating the lawnmower. Keep clear of moving parts. Do not work on lawnmower with motor running. Avoid striking or running into solid objects or debris in the area to be mowed. Read and observe the rules for safe operation. Keep the lawnmower clean. Follow a regular maintenance and check schedule to provide efficient and safe operation. A well-cared for lawnmower will last longer and operate more efficiently. Always be careful.

Read this Manual in its entirety before attempting to assemble or operate the Lawnmower. The Lawnmower has been assembled at the factory with the exception of those parts left unassembled for shipping purposes.

The manufacturer of this mower is not authorized to do engine warranty repair. If your engine requires expert adjusting and repair service, contact your local factory-approved Tecumseh authorized service station, which you will find listed in the classified section of your telephone directory under "Engines-Gasoline".

NOTE: THIS PRODUCT IS EQUIPPED WITH AN INTERNAL COMBUSTION TYPE ENGINE. DO NOT USE UNIT ON OR NEAR ANY UNIMPROVED FOREST - COVERED OR BRUSH - COVERED LAND UNLESS THE EXHAUST SYSTEM IS EQUIPPED WITH A SPARK ARRESTOR MEETING ANY APPLICABLE LOCAL, STATE OR FEDERAL LAWS. A SPARK ARRESTOR, IF IT IS USED, MUST BE MAINTAINED IN EFFECTIVE WORKING ORDER BY THE OPERATOR. SEE YOUR AUTHORIZED SERVICE CENTER OR ENGINE MANUFACTURER'S SERVICE CENTER.

PLEASE USE CAUTION

**READ THE INSTRUCTIONS IN THIS MANUAL
AND THE ENGINE MANUAL BEFORE STARTING ENGINE**

**This mower was shipped from our factory
without oil in the crank case.**

**Fill this mower with proper oil prior to starting.
*DO NOT MIX OIL AND GAS.***

SET-UP INSTRUCTIONS

Remove spark plug wire and place into spark plug wire holding tab on engine. Refer to engine manual for location.

NOTE: Before Assembling or Operating Unit; Check for damage and/or Missing Parts.

DO NOT OPERATE THIS MOWER UNTIL ALL ASSEMBLY PROCEDURES HAVE BEEN ACCOMPLISHED.

Reference to right or left of mower is from operator's position behind handle, facing forward.

Carefully read and follow instructions to be sure unit is properly assembled.

Following parts for assembling mower handle and controls are found in the parts bag.

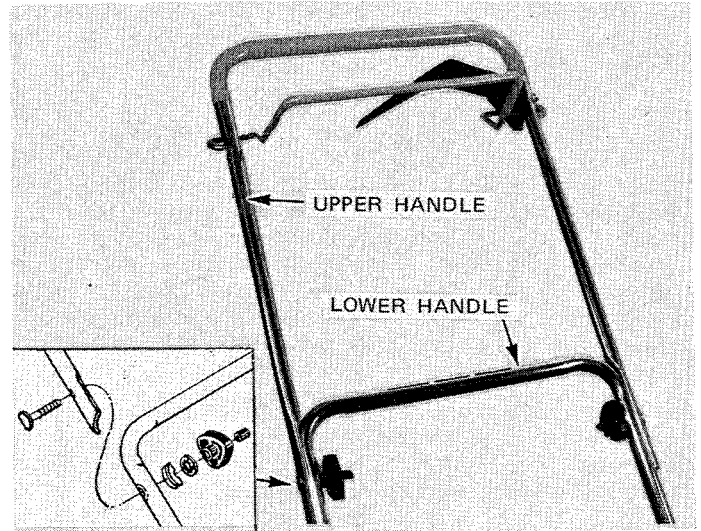
A	1677873	Cap-Bolt End, Plastic	2
B	1677800	Cable Tie	4
C	1664070	Washer-Curved	3
D	1674238	Nut-Hex #8-32 Nylok	1
E	1677804	Bolt-Curved Head 5/16-18 x 2 1/4	2
F	1677811	Eyebolt-Rope Guide	1
G	1677985	Screw-Pan Head #8-32 x 5/8	1
H	1923300	Washer-Shakeproof 5/16	2
I	1928372	Nut-Hex 1/4-20 Keps	3
J	1677817	Knob-Handle Retaining	2

3. While holding upper handle in position, put curved washer (C), flat washer (H), retaining knob (J) on curved head bolt. tighten each knob securely.



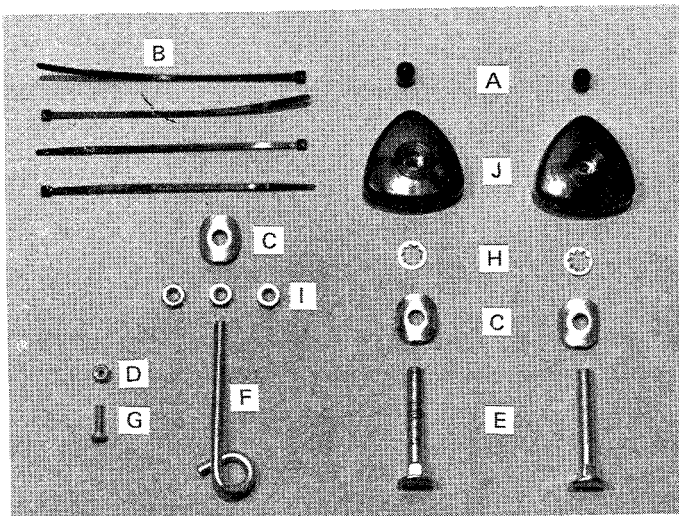
DO NOT operate mower unless handle bolts are in place and tight.

4. Install plastic bolt caps (A) on ends of curved head bolts.



CONTROLS

NOTE: All mower controls have been assembled to engine at factory. If any controls have come loose, contact your dealer for assistance.

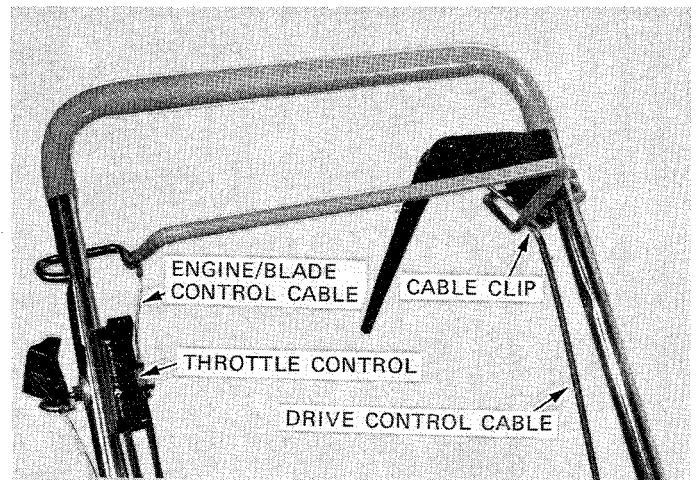


HANDLE



Care should be taken when folding and un-folding the handle to ensure that control cables are not damaged. A damaged control cable can impair operation of engine/blade brake. The mower should not be operated in this condition, and should be repaired immediately by an authorized service center.

1. Pull lower handle toward rear of mower until handle snaps into stop position in handle brackets.
2. Attach upper handle to lower handle by lining up holes and inserting curved head bolt (E) from outside of upper handle through hole in lower handle.



1. Carefully uncoil engine/blade control cable, throttle control, and ground drive control cable. Run all these cables through lower handle.
2. Install nut (I) on rope guide (F) with washer away from eye of rope guide. Turn nut on all the way and install curved washer (C) on rope guide.
3. Position throttle control on right inside of upper handle and slide rope guide through hole in handle and through hole in throttle control.
4. Install "Z" fitting on engine/blade control cable through hole on right side of engine/blade control bail.

5. Slide plastic clip on engine/blade cable over rope guide with cable above mounting hole.
6. Install 1/4-20 nut (I) on rope guide and tighten so cable clip is tight against throttle control.

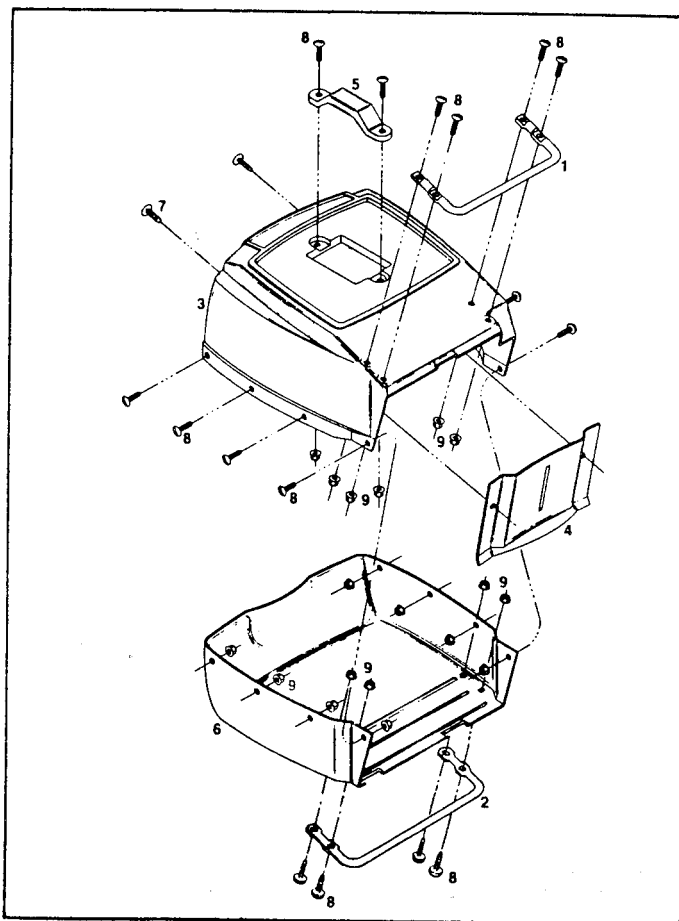
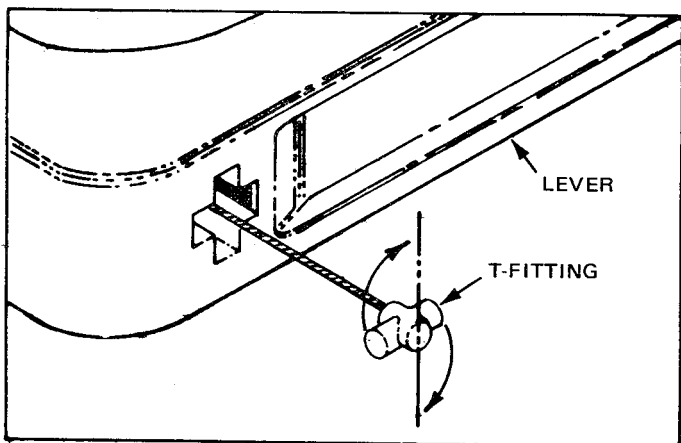


DO NOT overtighten nut on rope guide; damage to throttle may result.

7. Thread starter rope through rope guide eye.

NOTE: Starter rope will not pull out unless engine/blade ball is pulled back to handle.

8. Place cable for ground drive over control bail and insert "T" fitting on cable up through hole in control lever. Rotate cable to secure "T" fitting in lever.



9. Secure cable clip to lever support with #8 x 5/8 screw (G) and nut (D).
10. Secure all cables to handle with cable ties (B)
11. Refer to adjustments and check operation of belt tightener for drive belt.

GRASS CATCHER (1691149)


1. Align holes in baffle (4) with holes in rear of catcher top (3). Push plastic fastener (7) through both pieces. Note: Be sure to put curved end of baffle toward catcher bottom.
2. Put catcher top (3) upside down on flat surface. Set catcher bottom (6) on catcher top. Note: Bottom fits inside flange on top, and between baffle and top.
3. Align holes in top and bottom. Put 1/4-20 screws (8) through holes. Install 1/4-20 locknuts (9) and tighten screws (eight required).
4. Align holes in upper catcher frame (1) with holes in catcher top. Put 1/4-20 screws through holes, install locknuts, and tighten screws. Note: Frame goes on outside of catcher.
5. Align holes in lower catcher frame (2) with holes in catcher bottom. Put 1/4-20 screws through holes, install locknuts, and tighten screws. Note: Frame goes on outside of catcher.
6. Align holes in handle (5) with holes in catcher top. Put 1/4-20 screws through holes, install locknuts, and tighten screws.



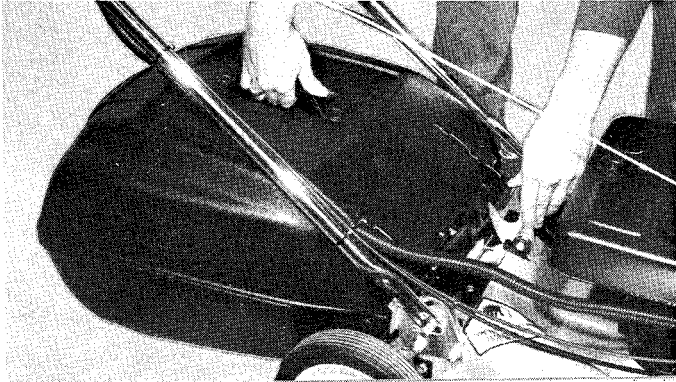
Do not operate mower without chute door or approved grass catcher in place.

Ref No.	Part No.	Description	Qty.
1	1678046	Frame-Upper	1
2	1678047	Frame-Lower	1
3	1677830	Top-Catcher	1
4	1677831	Baffle-Catcher	1
5	1677866	Handle-Catcher	1
6	1677835	Bottom-Catcher	1
7	1678048	Fastener-Plastic	2
8	1678049	Screw-Slotted 1/4-20 x 5/8	18
9	1930641	Nut-Hex 1/4-20 Lock	18

ATTACHING GRASS CATCHER

 Do not attempt to attach or remove grass catcher while engine/blade is turning.

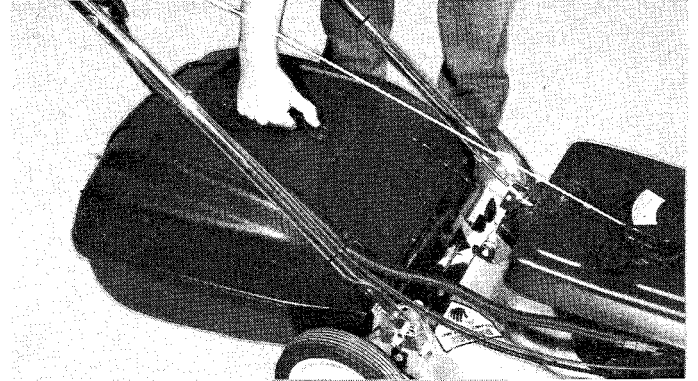
1. Position catcher behind mower with lower catcher frame resting in catcher frame brackets.
2. Place foot on deck and restrict mower from movement. Firmly grasp top catcher handle and push catcher toward front of mower. With free hand push catcher latch toward front of mower.
3. Catcher frame will push open door. Continue to push forward until catcher contacts rear of mower. Release catcher latch and lock catcher in position.



REMOVING GRASS CATCHER

1. Push catcher latch toward front of mower until frame is disengaged.
2. Lift catcher from brackets, set on ground behind mower.
3. Push mower forward to clear the catcher. Remove and dispose of grass clippings.

CAUTION: THE GRASS CATCHER WILL FILL TO NEAR CAPACITY. SINCE CATCHER IS EXTENDED SOME DISTANCE TO REAR OF MOWER, THE ADDED WEIGHT OF A FULLY PACKED GRASS CATCHER MAY TEND TO SHIFT THE BALANCE OF MOWER, ESPECIALLY WHEN MOWING ON HILLY TERRAIN. UNDER THESE CONDITIONS GRASS CATCHER SHOULD BE EMPTIED FREQUENTLY.



CHECK GRASS CATCHER FREQUENTLY FOR WEAR OR DETERIORATION. REPLACE WHEN NEEDED. FOR SAFETY PROTECTION USE ONLY MANUFACTURER'S RECOMMENDED REPLACEMENT CATCHER.

CONTROLS

Spend a few minutes familiarizing yourself with the controls before attempting to operate the mower.

All controls are clearly labeled but a few words of explanation may further clarify their use.

THROTTLE CONTROL

The throttle control is used to choke engine for starting and to increase and decrease engine speed during mower operation.

 Throttle control does not stop engine.

DRIVE SYSTEM CONTROL

The drive control lever engages and disengages self-propelling drive system.

To engage drive to rear wheels, pull control lever back against handle while holding engine/blade control bail against handle.

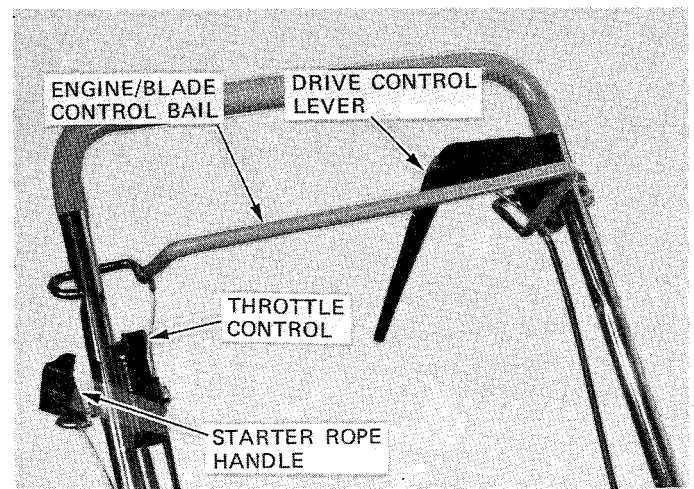
To stop drive mechanism, release drive control lever. The engine/blade will continue turning until control bail is released.

ENGINE/BLADE CONTROL BAIL

The bail controls the operation of the engine/blade. Bail must be held against handle when starting engine and to keep engine/blade operating while mowing.

Releasing control bail will stop engine/blade. Reduce engine speed before releasing bail to stop engine.

In the event engine/blade does not stop when control bail is released, move mower to an area where it can be observed until fuel runs out. Have mower immediately inspected and repaired by an authorized service center.



OPERATION

ENGINE

Before starting engine, carefully read and follow instructions in engine manufacturer's manual provided.

1. Fill engine crankcase with oil as recommended by engine manufacturer.
2. Fill fuel tank with gasoline grade recommended by engine manufacturer. DO NOT mix oil with gasoline.


STARTING ENGINE

Refer to engine manufacturer's manual for engine starting instructions.

1. Move throttle control to "choke" position.
2. While standing in the operating position, squeeze control bail against handle with left hand and grasp starter rope handle with right hand.
3. Pull starter rope rapidly to crank engine. As soon as engine starts, move throttle control to obtain desired engine speed.

DO NOT PULL STARTER ROPE WHILE ENGINE IS RUNNING.


4. To stop engine, reduce engine speed with throttle control and release control bail.

 **Engine operating speed is pre-set at factory. Do not alter speed setting of engine.**

The engine is equipped with a brake system which will stop engine/blade within three seconds when engine/blade control bail is released. The engine/blade stopping time should be checked regularly to ensure that it is within three seconds. If it appears that stopping time is more than three seconds, engine/blade brake should be checked and repaired, if required, by an authorized service center only.

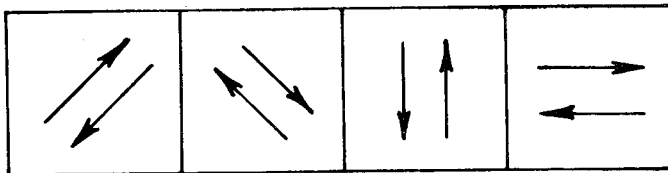
MOWING TIPS

Never run engine at a higher speed than necessary. Excessive cutting speed, or tampering with the engine's governor can be dangerous. Operate engine at slowest speed that provides a satisfactory cutting job.

 **Always mow across the face of slopes, hills, or terraces — never up and down. Avoid situations which require you to pull the mower backward.**

1. When grass is lush, select a mowing pattern that will discharge the grass into the area previously cut.
2. In extremely heavy grass conditions, it may be necessary to reduce the width of cut to $\frac{3}{4}$ or $\frac{1}{2}$ of the normal cutting width by overlapping the cutting row.
3. Maintain a sharp cutting edge on the blade. (Refer to blade sharpening instructions) A dull blade will split or bruise the grass ends, and result in rapid browning of the freshly cut area.

4. When possible, vary your mowing pattern frequently as shown, and try to mow in a different direction each time you cut your lawn. This will eliminate matting, graining and corrugating, and enhance the overall appearance of your lawn.

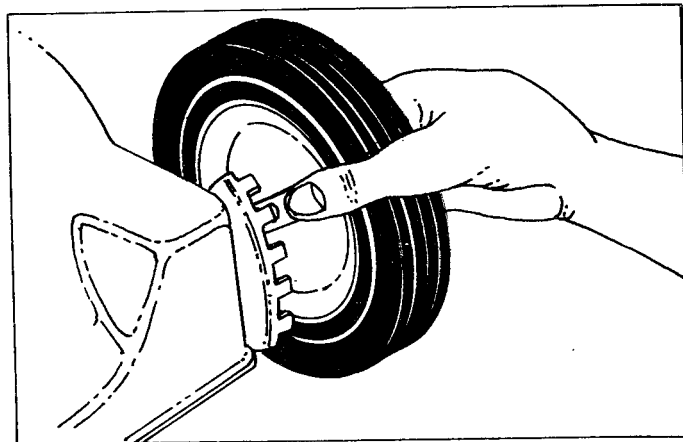


5. Never attempt to cut more than one-third of the grass length.
6. Never mow grass when it is wet, always wait until it has dried. This will improve the bagging characteristics of your mower. You will also lessen the danger of slipping on wet grass.

CUTTING HEIGHT ADJUSTMENT

Each wheel has a lever operated adjuster for changing cutting height. Five lever positions are available. Cutting heights are approximately 1", 1½", 2", 2½", and 3".

To change height of cut, pull adjusting lever away from mower and move it to desired height adjustment. Release lever to lock it in position. Maintain all levers in same relative position so mower will cut even.



 **DO NOT PUT HANDS OR FINGERS UNDER MOWER DECK TO CHANGE CUTTING HEIGHTS.**

 **DO NOT CHANGE CUTTING HEIGHT WHILE ENGINE IS RUNNING.**

ADJUSTMENTS



NEVER MAKE ANY INSPECTIONS, ADJUSTMENTS OR REPAIRS WITHOUT FIRST DISCONNECTING SPARK PLUG WIRE. PLACE WIRE WHERE IT CANNOT COME IN CONTACT WITH SPARK PLUG.

ENGINE/BLADE CONTROL

The engine/blade control is adjusted at the factory and no further adjustments should be required.

If engine/blade fails to stop when control bail is released, move mower to an area where it can be observed until engine runs out of fuel. Have mower immediately inspected and repaired by an authorized service center.

BELT TIGHTENER CONTROL CABLE



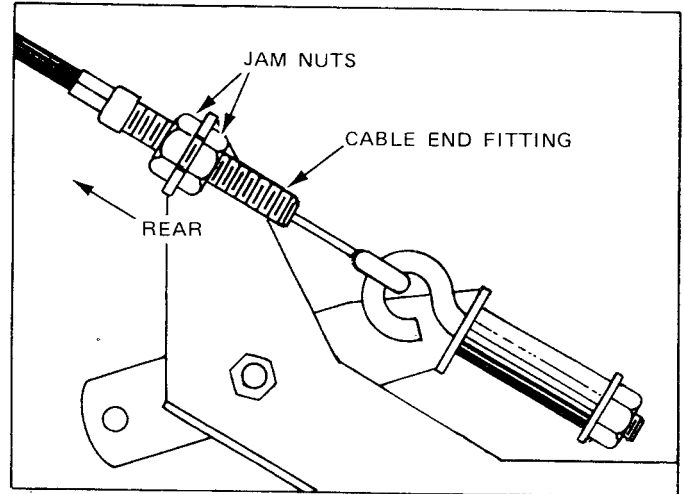
Disconnect spark plug wire when working on mower.

If mower fails to propel or propels at a reduced rate of speed when drive control lever is engaged, it indicates that drive belt may be slipping due to wear or stretching.

To alter belt tightener tension on drive belt, proceed as follows:

1. Loosen jam nuts on cable end fitting and move cable housing toward rear to increase tightener pulley tension on drive belt.

2. Tighten jam nuts finger tight and check operation of drive control. Maintain just enough tension on drive belt to propel mower without permitting drive belt to slip.
3. After proper adjustment has been accomplished, tighten jam nuts securely.



MAINTENANCE

REMOVING BLADE



Before working on blade disconnect spark plug wire!

Most new blades are razor sharp and should be handled with extreme care. Used blades may have sharp edges and burrs also. To protect against cuts, wrap end of blade in cloth. A long 9/16" offset box end wrench is the safest and easiest to use for removing blade bolt. Hold padded blade with one hand while loosening bolt with wrench. When bolt is removed entirely, blade will come loose.

SHARPENING BLADE

(See "Removing Blade")

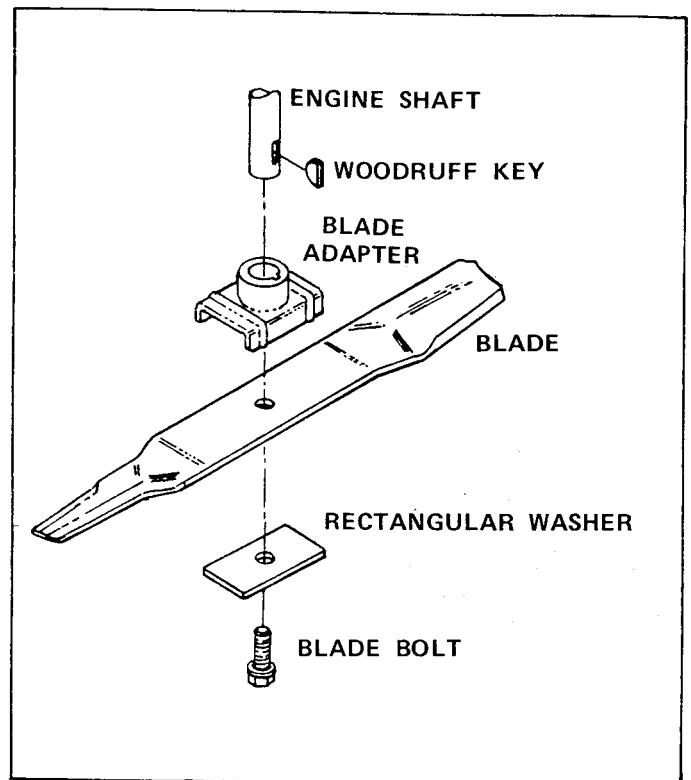
Always disconnect spark plug wire before working on the mower! After removal, blade may be sharpened with a file or grinding wheel. Make sure blade is in balance before use. Balance of blade may be determined by balancing blade on sharp edge or hanging on string or wire through center hole.

After sharpening or when replacing with a new blade, inspect blade adapter for damage. If adapter has been removed, be sure woodruff key is in slot in engine shaft and does not slip out as adapter is slid onto engine shaft. Replace blade with rectangular washer as shown and tighten blade bolt securely. Recommended torque is 40 to 45 ft.-lbs.



AN UNBALANCED OR BENT BLADE WILL CAUSE VIBRATION DAMAGE NOT COVERED BY WARRANTY.

Keeping a spare sharp blade on hand will avoid delay when replacement becomes necessary. (See parts list for ordering instructions.)



CLEANING MOWER

The underside of mower deck should be cleaned after each use. This will minimize the accumulation of grass and debris. Dead clippings tend to rot, invite rust, and create objectionable odors. To clean underside of mower deck, we recommend:

1. Disconnect spark plug wire and attach to holding tab or post.
2. Drain all fuel from tank.
3. Tip mower on its side with muffler side up.

4. Use a putty knife to scrape off accumulated grass and debris.
5. A damp rag may be used to wipe down outside of mower.

⚠ Always disconnect spark plug wire and attach to holding tab or post.

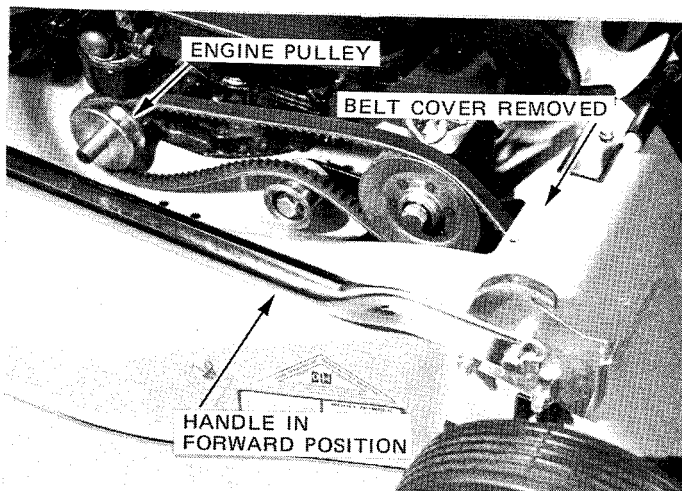
⚠ Always drain fuel from tank and store in a gasoline container.

⚠ Do not touch cutting edge of mower blade. It is sharp and can cause a severe injury.

BELT REPLACEMENT

⚠ Disconnect spark plug wire when working on mower.

1. Remove belt cover by removing two #10 screws and one #6 screw and remove belt from engine pulley.
2. Spread lower handle out past positive up stop on handle bracket and fold assembly toward front of deck as shown. Be careful not to damage cables when folding.



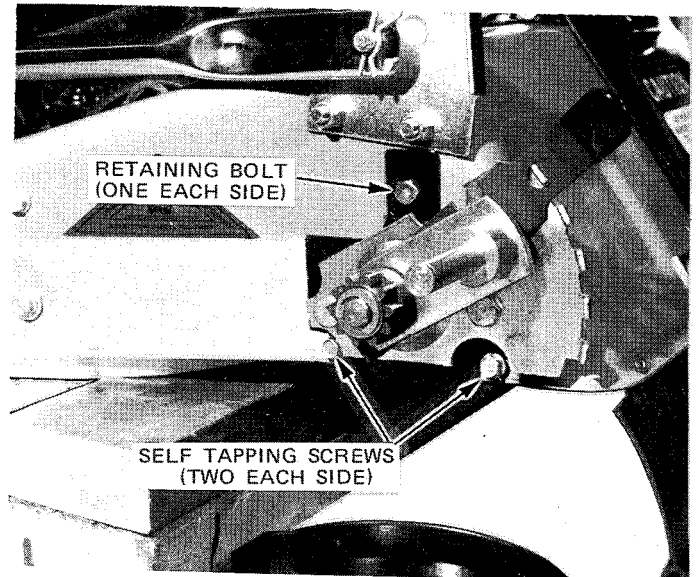
3. Move rear height adjuster setting levers to lowest height of cut.
4. Support rear of mower so rear wheels are off the ground.

⚠ Deck edges may be sharp and could cause severe injury. Be careful when handling.

5. To remove rear wheels, pry off hub cap and remove retaining ring, thrust washers, wheel, and dust cover.

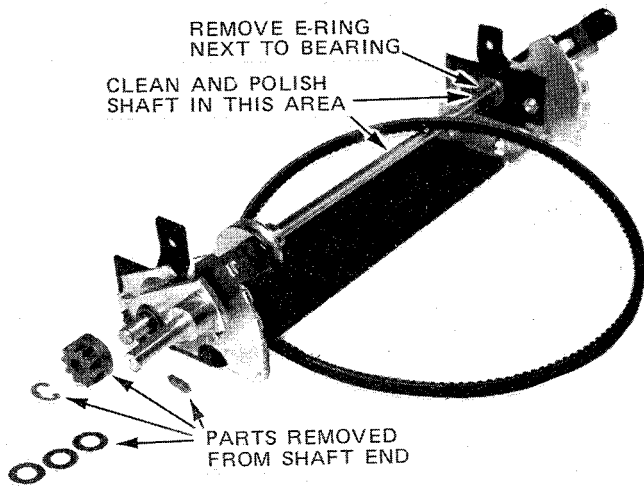
6. Remove two (2) bolts and four (4) self tapping screws shown. Hold drive support bracket in deck until all four screws and two bolts are out.

⚠ Do not touch cutting edge of blade. It is sharp and can cause severe injury.

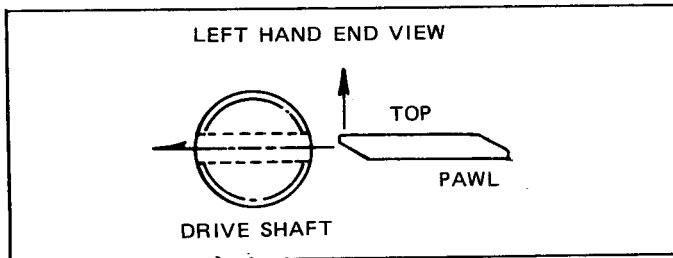


7. Carefully lower drive support bracket out of deck. Remove V-belt from idler pulleys as drive support bracket is lowered.
8. Clean all debris from drive support bracket. Thoroughly clean and polish with emery cloth or steel wool and lubricate areas of shaft shown in illustration on next page.
9. Remove "E-ring", thrust washer, pinion, drive pawl and thrust washer from left hand end of shaft. Remove E-ring next to bearing on right hand end of shaft. Thoroughly clean, polish, and lubricate end of shaft.

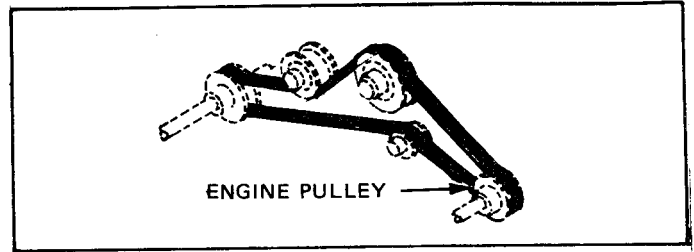
NOTE: Shaft must be free from all high spots caused by dirt or rust in order to slide through bearings. A clean shaft will make removal and reassembly much easier.



10. Slide shaft to right through bearings far enough to remove old belt and install new belt.
11. Reassemble parts in reverse order. Pay special attention to the following:
 - A. Drive pawl must be installed with bevel facing correct direction.



B. V-belt must be routed around idler pulleys, as illustrated.




12. After drive system has been completely re-assembled with wheels and dust covers in place, remove support from under rear of mower and fold handle to rear until it locks into operating position.
13. Refer to drive control cable adjustment and adjust drive control for proper belt tension. Reinstall belt cover when drive control adjustment is complete.

⚠ Never operate without belt cover in place.

For longer life and more trouble free performance, it is recommended that you follow these steps whenever your mower will be stored for a long period of time:

1. Disconnect spark plug wire and attach to holding tab or post.
2. Drain fuel tank completely and store gasoline in an approved container.
3. Reconnect spark plug wire and run engine until any gasoline remaining in carburetor is exhausted.
4. Remove spark plug and pour one ounce of SAE 30 oil into spark plug opening. Then pull starter one full turn to spread oil. Reinstall spark plug, do not reconnect spark plug wire.

5. While engine is still warm, drain oil from crankcase, refill crankcase with fresh oil. Refer to engine manufacturer's operating and maintenance instructions.
6. Clean all dirt and chaff from mower deck, cooling fins and blower housing. Refer to engine manufacturer's operating and maintenance instructions.
7. Check all fasteners for proper tightness.

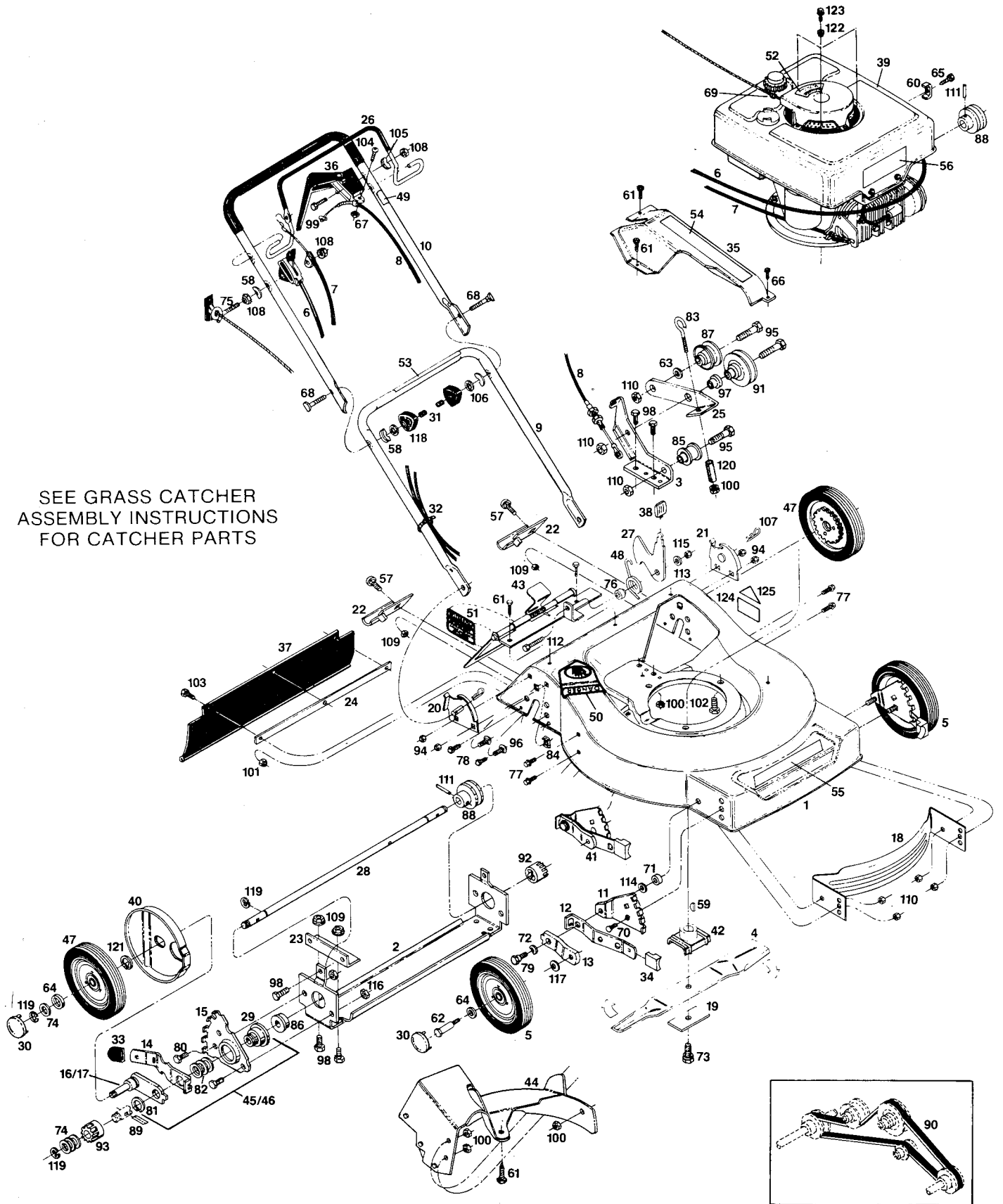
 **Do not touch cutting edge of mower blade. It is sharp and can cause a severe injury.**

Maintenance Record

Date	Hours Used	Oil Change	Air Cleaner Service	Lubrication	Winter Storage	Spring Service	Spark Plug Gap

PARTS ILLUSTRATION FOR MODEL 1321PP (1691099)

SEE GRASS CATCHER
ASSEMBLY INSTRUCTIONS
FOR CATCHER PARTS



PARTS LIST FOR MODEL 1321PP (1691099)

Ref No.	Part No.	Qty.	Description	Ref No.	Part No.	Qty.	Description
1	1677779	1	Deck	64	1677888	4	Washer - Wheel Retaining
2	1677876	1	Bracket - Drive Support	65	1654998	1	Bolt - Hex #10-32 x 1/4
3	1677847	1	Bracket - Idler Mounting	66	1931839	1	Screw - Self Tap #6-20 x 1/2
4	1664041	1	Blade - 21"	67	1674238	1	Nut - Hex #8-32 Nylok
5	1677785	2	Wheel - Front, 8 x 1.75	68	1677804	2	Bolt - Curved Head 5/16-18 x 2 1/4
6	1677788	1	Control - Throttle w/Cable	69	1677809	1	Stop - Rope
7	1677789	1	Cable - Engine/Blade Control	70	1922110	2	Bolt - Carriage 3/8-16 x 3/4
8	1677824	1	Cable - Wheel Drive Control	71	1677843	2	Washer - Plastic, Front Adjuster
9	1677825	1	Handle - Lower	72	1677844	2	Washer - Spring, Front Adjuster
10	1677826	1	Handle - Upper	73	1677810	1	Bolt - Blade w/Washer 3/8-24 x 1
11	1677839	2	Plate - Back, Front Adjuster	74	1677881	8	Washer - Thrust 1/2 ID
12	1677840	2	Lever - Setting, Front Adjuster	75	1677811	1	Eyebolt - Rope Guide
13	1677841	2	Lever, Wheel, Front	76	1677863	1	Spacer - Catcher Latch
14	1677964	2	Lever, Setting, Rear Adjuster	77	1921958	4	Bolt - Hex 1/4-20 x 1/2
15	1677965	2	Plate - Back, Rear Adjuster	78	1923341	4	Bolt - Self Tap 1/4-20 x 3/4
16	1677966	1	Lever - Wheel w/Pin Rear RH	79	1677845	2	Bolt - Shoulder, Front Adjuster
17	1677967	1	Lever - Wheel w/Pin Rear LH	80	1677979	4	Bolt - Hex, 3/8-16 x 1/2
18	1677827	1	Baffle - Front	81	1677980	2	Ring - Retainer 7/8
19	1677792	1	Washer - Blade	82	1677981	6	Washer - Spring, Rear Adjuster
20	1677796	1	Bracket - Handle RH	83	1677982	1	Eyebolt - Idler Cable
21	1677797	1	Bracket - Handle LH	84	1677983	2	Nut 1/4-20 Snap in
22	1677828	2	Hook - Grass Catcher	85	1677850	1	Pulley - Idler
23	1677877	2	Bracket - Drive Support	86	1677984	2	Bearing - Drive Shaft
24	1677829	1	Strip - Backing	87	1677851	1	Pulley - Idler
25	1677848	1	Arm - Idler	88	1677882	2	Pulley - Drive
26	1677799	1	Bail - Engine/Blade Control	89	1677883	2	Pawl - Drive
27	1677968	1	Latch - Grass Catcher	90	1677884	1	Belt - Drive V
28	1677878	1	Shaft - Drive	91	1677852	1	Pulley - Idler
29	1677969	2	Sleeve - Stepped, Rear Adjuster	92	1677885	1	Pinion - Wheel Drive LH
30	1677801	4	Cap - Wheel Hub	93	1677886	1	Pinion - Wheel Drive RH
31	1677873	2	Cap - Bolt End, Plastic	94	1919438	4	Nut - Hex 5/16-18 Nylok
32	1677800	4	Cable Tie	95	1921971	3	Bolt - Hex 3/8-16 x 1-3/4
33	1677970	2	Tip - Adjuster Lever, Rear	96	1931333	4	Bolt - Carriage 5/16-18 x 3/4
34	1677842	2	Tip - Adjuster Lever, Front	97	1677853	1	Spacer - Idler
35	1677832	1	Cover - Belt	98	1921959	8	Bolt - Hex 1/4-20 x 5/8
36	1677833	1	Control - Wheel Drive	99	1922837	1	Bolt - Hex 1/4-20 x 1 1/2
37	1677834	1	Shield - Trailing	100	1916622	7	Nut - 1/4-20
38	1677859	1	Knob - Catcher Latch	101	1677815	3	Nut - Hex #10-24 Nylok
39	1677836	1	Shroud - Engine	102	1927187	3	Bolt - Hex 3/8-16 x 7/8
40	1677971	2	Cover - Dust, Rear Wheel	103	1933737	3	Bolt - Hex #10-24 x 1/2
41	1677838	2	Adjuster - Height, Complete, Front	104	1677985	1	Screw - Pan Head #8-32 x 5/8
42	1664060	1	Adapter - Blade	105	1677890	1	Washer - Curved
43	1677972	1	Door - Catcher Opening	106	1923300	2	Washer - Shakeproof 5/16
44	1677868	1	Baffle Assembly, Rear	107	106787	2	Cotter - Hairpin
45	1677879	1	Adjuster - Height, Complete, LH Rear	108	1928372	3	Nut - Hex 1/4-20 Keps
46	1677880	1	Adjuster - Height, Complete, RH Rear	109	1930641	6	Nut - Hex 1/4-20 Whiz
47	1677887	2	Wheel - Rear w/Gear	110	1930651	7	Nut - Hex 3/8-16 Lock
48	1677861	1	Spring - Torsion, Catcher Latch	111	916001	2	Pin - Roll 3/16 x 1
49	1677899	1	Decal - Drive Control Instructions	112	1921960	1	Bolt - Hex 1/4-20 x 1
50	1677973	1	Decal - Danger, Discharge Chute	113	1917377	3	Washer - Flat 1/4
51	1677974	1	Decal - Caution, Catcher Door	114	1918266	2	Washer - Flat 3/8
52	1677975	1	Decal - Warning, Blade	115	1923358	1	Nut - Hex 1/4-20 Lock
53	1677963	1	Decal - Starting Instructions	116	1917421	4	Nut - Hex Jam 3/8-16
54	1677976	1	Decal - 21" Rear Drive	117	1677816	2	Washer - Belleville
55	1677977	1	Decal - Simplicity	118	1677817	2	Knob - Handle Retaining
56	1677978	1	Decal - 5.0 HP	119	1677986	6	Ring - Retainer
57	1923333	2	Bolt - Carriage 1/4 - 20 x 5/8	120	1678050	1	Sleeve - Idler Cable
58	1664070	4	Washer - Curved 5/16	121	1678205	2	Ring - Retainer, Dust Shield
59	910224	1	Key - Woodruff #6	122	1678206	3	Retainer - Engine Shroud
60	1677808	1	Clamp - Throttle Cable	123	1925003	3	Bolt - Hex 1/4-20 x 1/2 TD FM
61	1677805	5	Screw - Hex Slotted #10 x 5/8	124		1	Decal - Model Number (Not Serviced)
62	1677806	2	Bolt - Wheel, Front	125		1	Decal - OPEI (Not Serviced)
63	1924940	1	Washer - Flat, 3/8 ID, 7/8 OD				

INSTRUCTIONS FOR ORDERING PARTS...MOWER PARTS can be ordered from the dealer from whom your mower was purchased. Be sure to specify the part number, not reference number, and the description of each required item - also, the model and serial number of your mower.

LIMITED WARRANTY

(USA Only)

COVERED BY WARRANTY

Simplicity Manufacturing, Inc., (*Simplicity*), warrants to the original purchaser that each new product listed below is merchantable and free from defects in workmanship and material.

During the warranty period, any authorized *Simplicity* Dealer will provide, at no charge, both parts and labor (except as otherwise noted) necessary to correct any defect in workmanship and material.

WARRANTY PERIOD

The *Simplicity* products listed below are warranted for the stated period from the date of the original purchase.

- (1) Garden tractors, lawn tractors, riding mowers and their implements - 2 years (one year if used for purposes other than personal household use).
- (2) 2 Stage Snowthrowers and accessories - 2 years (90 days if used for purposes other than personal household use).
- (3) Other Walk-Behind products and accessories - 1 year (90 days if used for purposes other than personal household use).
- (4) 9500 Series liquid-cooled diesel tractors - 2 years on the power train (engine, gears, shafts, torque limiters, bearings, housings, oil-cooled clutches and oil-cooled brakes). 1 year on the balance of the tractor and implements.
- (5) Repair Parts (parts only, no labor) are warranted for 90 days (45 days if used for purposes other than personal household use). (See separate warranty for batteries.)

Repair parts installed on products receive the same warranty period remaining for the product or 90 days (45 days if used for purposes other than personal household use), whichever is longer. (See separate warranty for batteries.)

OWNER RESPONSIBILITIES

To qualify for warranty service, the purchaser of a *Simplicity* product must:

- (1) Have sent the Warranty Registration card to *Simplicity* at the time of purchase.
- (2) Notify a *Simplicity* Dealer as soon as possible after discovery of a possible defect. (If you are not aware of your nearest *Simplicity* dealer, write for such information to Simplicity Manufacturing, Inc., Attn: Service Dept., P.O. Box 210, Port Washington, WI 53074.)

NOT COVERED BY WARRANTY

The following are not covered by warranty:

- (1) Transportation charges to and from Dealers: **OR**
- (2) Damage caused by misuse of the product or by operating the product in excess of recommended capacities: **OR**
- (3) Damage caused by negligence or accident: **OR**
- (4) Products which have been altered or repaired in a manner not authorized by *Simplicity*.
- (5) Engines, electric starters and transaxles are warranted separately by their respective manufacturers, except Company agrees to make available to the owners whatever warranty benefits may be made available to the Company by the manufacturers.
- (6) Normal maintenance and/or replacement of maintenance and wear items, such as oil, filters, blades, belts, brake and clutch linings.

ALL IMPLIED WARRANTIES, EXCEPT TO THE EXTENT PROHIBITED BY ANY APPLICABLE LAW, SHALL HAVE NO GREATER DURATION THAN THE WARRANTY PERIOD FOR THE APPLICABLE PRODUCT. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

THE COMPANY'S LIABILITY ARISING OUT OF WARRANTIES, REPRESENTATIONS, INSTRUCTIONS, OR DEFECTS FROM ANY CAUSE, SHALL BE LIMITED EXCLUSIVELY TO REPAIR OR REPLACING PARTS UNDER THE CONDITIONS IN THIS WARRANTY, AND IN NO EVENT WILL COMPANY BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS OR EXCLUSIONS MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

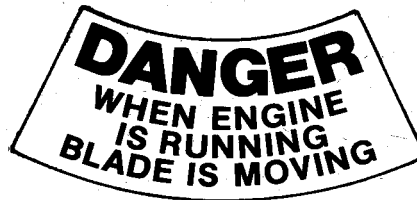
Simplicity
MANUFACTURING, INC.



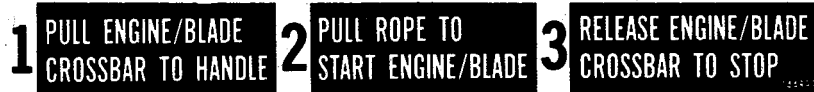
LOCATED NEAR REAR DISCHARGE OPENING



LOCATED ON CHUTE DISCHARGE DOOR



LOCATED ON TOP OF ENGINE



LOCATED ON LOWER HANDLE CROSSBAR

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500 N. Spring Street
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Port Washington, Wi 53074

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