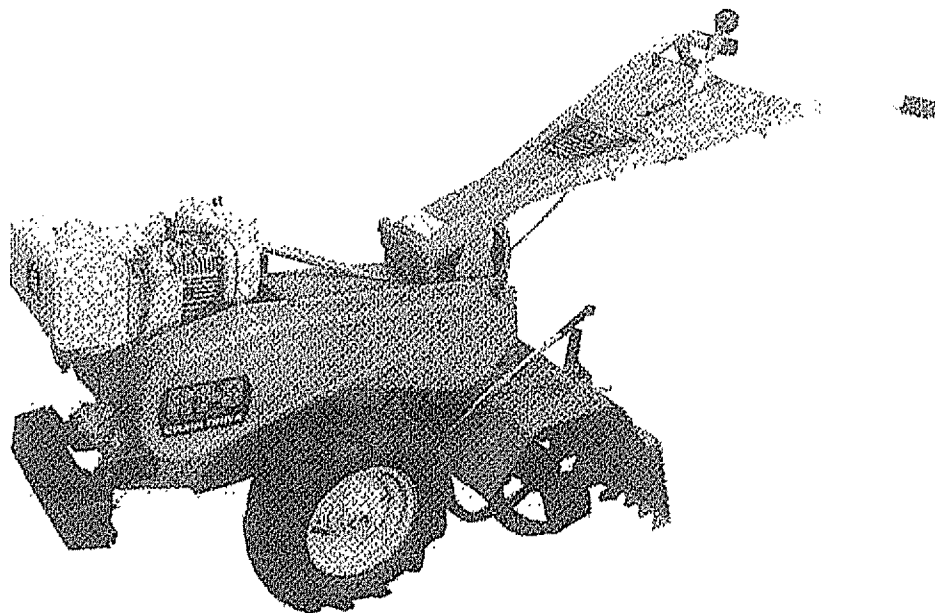


Sears

**owners
manual**

**MODEL NO.
247.298780**

CAUTION:
Read **SAFETY
RULES** and
INSTRUCTIONS
carefully



Sears CRAFTSMAN®

**8 H.P. CHAIN DRIVE
REAR TINE TILLER**

- Assembly
- Operating
- Maintenance
- Repair Parts

SEARS, ROEBUCK AND CO., Chicago, ILL. 60684 U.S.A.

FULL ONE YEAR WARRANTY

For one year from the date of purchase, Sears will repair any defect in material or workmanship in this TILLER at no charge.

If the TILLER is used for commercial or rental purposes, this warranty applies for only thirty days from the date of purchase.

Warranty service is available by contacting the nearest Sears store or Service Center throughout the United States.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Sears, Roebuck and Co.
Sears Tower
BSC 41-3
Chicago, IL 60684

IMPORTANT

It is suggested that this manual be read in its entirety before attempting to assemble or operate. Keep this manual in a safe place for future reference and for ordering replacement parts.

This unit is shipped WITHOUT GASOLINE or OIL. After assembly, see operating section of this manual for proper fuel and amount.

Your tiller is a precision piece of power equipment, not a play thing. Therefore, exercise extreme caution at all times.

SAFE OPERATION PRACTICES FOR TILLERS

1. Read the Operating and Service Owner's Manual carefully. Be thoroughly familiar with the controls and the proper use of the equipment.
2. Never allow children to operate a power tiller. Only persons well acquainted with these rules of safe operation should be allowed to use your tiller.
3. Keep the area of operation clear of all persons, particularly small children and pets.
4. Do not operate equipment when barefoot or wearing open sandals. Always wear substantial footwear.
5. Do not wear loose fitting clothing that could get caught on the tiller.
6. Do not start the engine unless the shift lever is in the neutral (N) position.
7. Do not stand in front of the tiller while starting the engine.
8. Do not place feet and hands on or near the tines when starting the engine or while the engine is running.
9. Do not leave the tiller unattended with the engine running.
10. Do not walk in front of the tiller while the engine is running.
11. Do not fill gasoline tank while engine is running. Spilling gasoline on hot engine may cause a fire or explosion.
12. Do not run the engine while indoors. Exhaust gases are deadly poisonous.
13. Be careful not to touch the muffler after the engine has been running, it is hot.
14. Before any maintenance work is performed or adjustments are made, remove the spark plug wire and ground it on the engine block for added safety.
15. Use caution when tilling near buildings and fences, rotating tines can cause damage or injury.
16. Before attempting to remove rocks, bricks and other objects from tines, stop the engine and be sure the tines have stopped completely. Disconnect the spark plug wire and ground to prevent accidental starting.
17. Check the tine and engine mounting bolts at frequent intervals for proper tightness.
18. Keep all nuts, bolts and screws tight to be sure the equipment is in safe working condition.
19. Never store the equipment with gasoline in the tank inside of a building where fumes may reach an open flame or spark. Allow the engine to cool before storing in any enclosure.

A spark arrest muffler is available as an accessory part. The part number is listed in the parts section of this manual. Check muffler legal requirements in your area.

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INTRODUCTION

This Product has been designed, engineered and manufactured to give you the best possible dependability and performance.

Should you experience any problem you cannot easily remedy, please contact your nearest Sears, or Simpson-Sears Service Department. They have well qualified, competent trained technicians and the proper tools to service or repair this unit.

PRE-ASSEMBLY



NOTE

The right and left side of your tiller is determined from operator's position.

Before any step is undertaken, the instructions for that step should be read through.

TOOLS REQUIRED:

1. (2) 7/16" Socket, open or box wrench.
2. (1) 9/16" Socket, open or box wrench.
3. (1) 1/4" Flat Screwdriver.
4. (1) Adjustable Wrench.

MATERIALS REQUIRED:

1. Funnel (for gas and oil— **NOTE: DO NOT MIX**)
2. S.A.E.-30 Oil—2 3/4 pints

3. Gas (regular)
4. Cleaning rag

PARTS IN CARTON

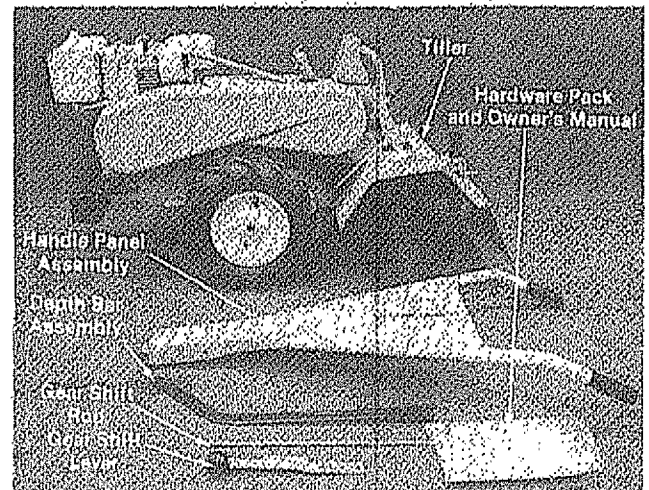


FIGURE 1.

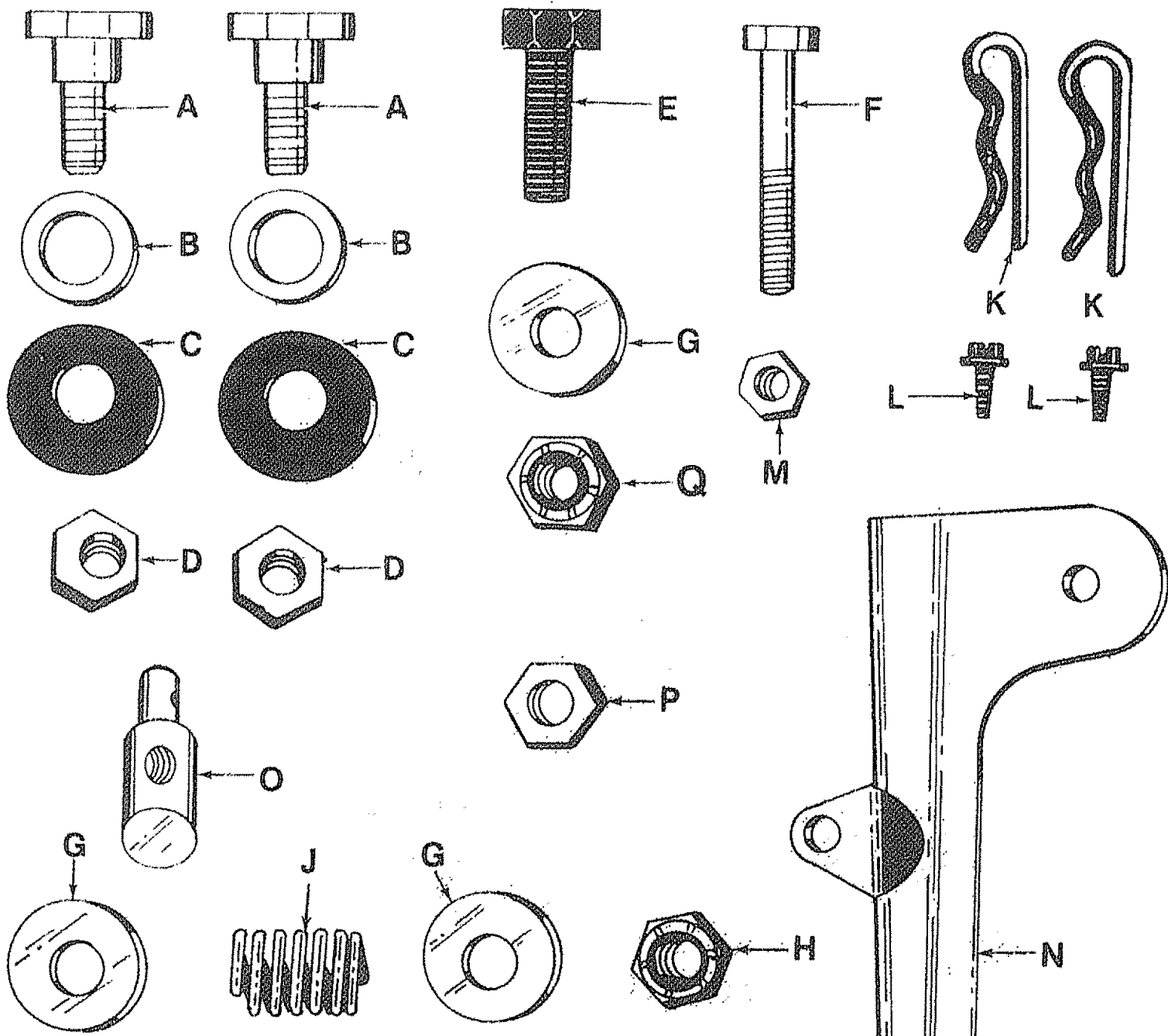


FIGURE 2. (SHOWN IN FULL SCALE)



NOTE

THE LETTERS LISTED BELOW WILL BE REFERRED TO THROUGHOUT THE FOLLOWING TEXT FOR EASIER HARDWARE IDENTIFICATION.

LIST OF CONTENTS IN HARDWARE PACK:

- | | |
|-------------------------------------|---------------------------------|
| A (2) Shoulder Bolts | J (1) Compression Spring |
| B (2) Flat Washers | K (2) Hair Pin Cotter |
| C (2) Belleville Washers | L (2) Self Tapping Screws |
| D (2) Hex Nuts 3/8-16 Thread | M (1) Hex Nut 1/4-20 Thread |
| E (1) Hex Screw 3/8-16 x 1.50" Long | N (1) Lever |
| F (1) Hex Screw 1/4-20 x 1.75" Long | O (1) Ferrule |
| G (3) Flat Washers 3/8" | P (1) Hex Jam Nut 3/8-24 Thread |
| H (1) Hex Locknuts 3/8-24 Thread | Q (1) Hex Locknut 3/16 Thread |

TILLER IDENTIFICATION

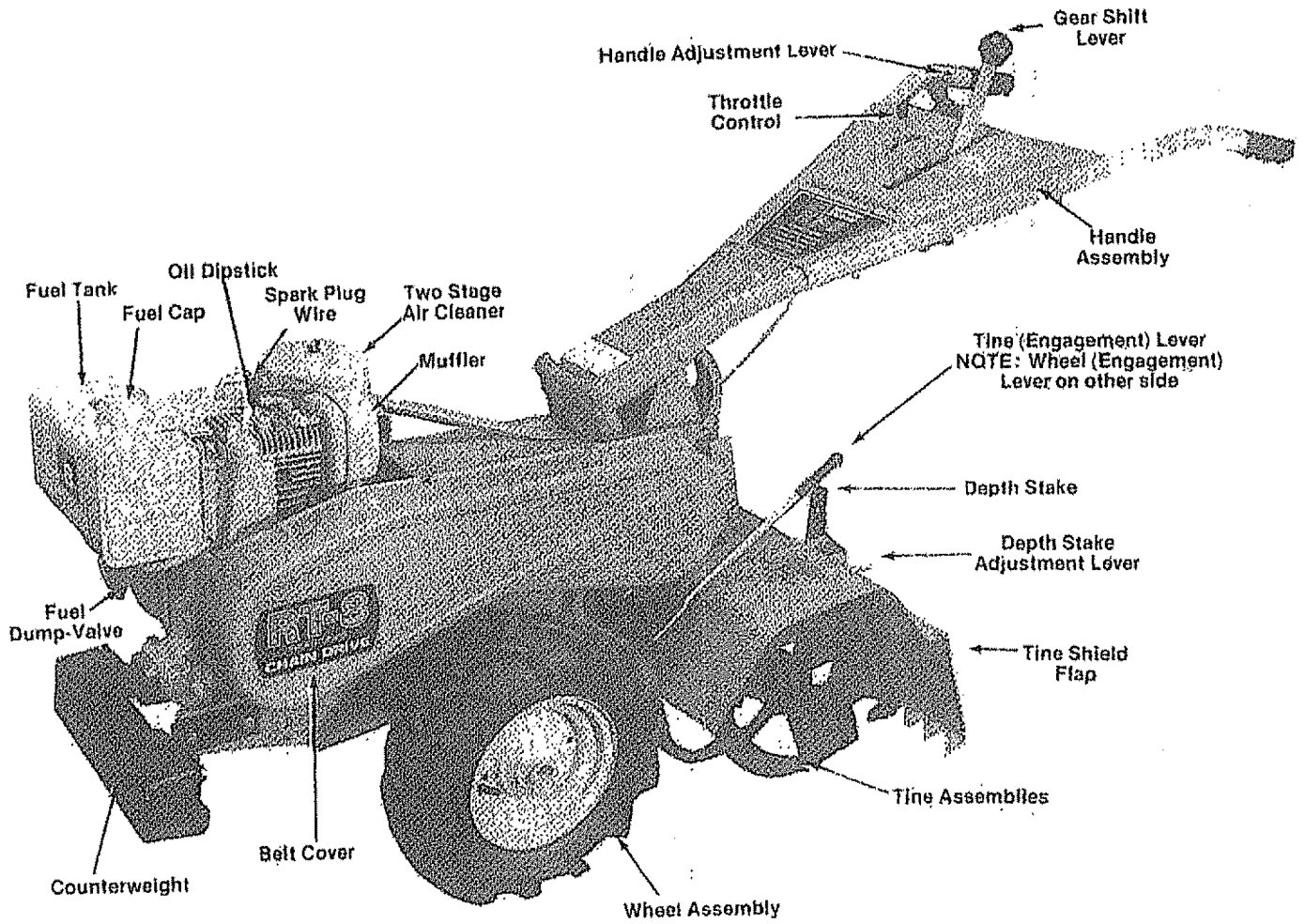


FIGURE 3.

ASSEMBLY INSTRUCTIONS

1. Handle Assembly

- A. Place the handle assembly in position on the tiller so that the holes in handle line up with holes in mounting bracket.
- B. Place flat washer (B) and belleville washer (C) over shoulder on shoulder bolt (A). Place shoulder bolt and two washers through handle mounting holes and secure with hex nut (D) from the inside of handle. See figure 4.

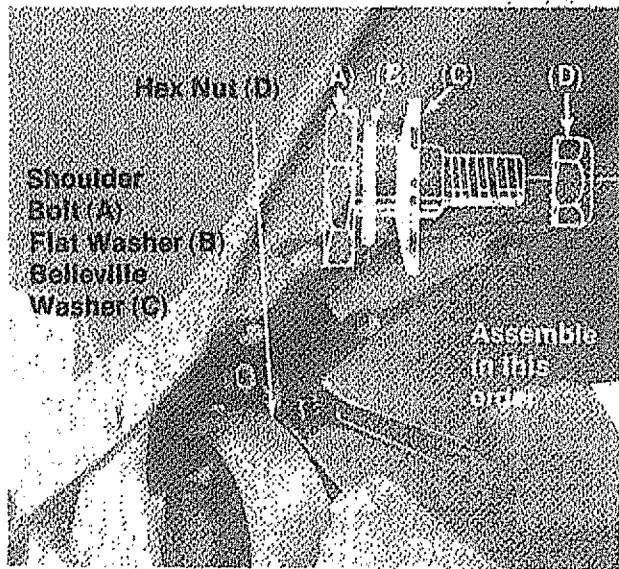


FIGURE 4.

- C. Preassemble depth stake to depth bar assembly with hex screw (E), flat washer (G) and hex locknut (Q). See figure 5. Tighten nut and bolt, but do not over tighten. Parts must pivot.



Flat washer must go against slot on depth bar assembly.

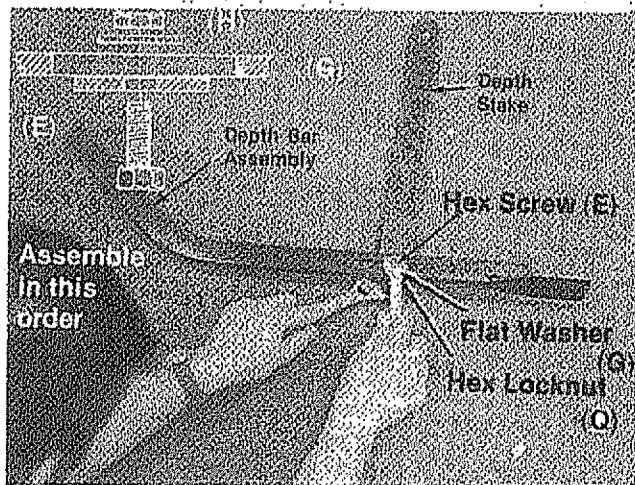


FIGURE 5.

- D. Tip the tiller forward, so it rests on counterweight. Slide depth stake up through tiller as shown in figure 6. Pull release pin on tiller to lock in place.

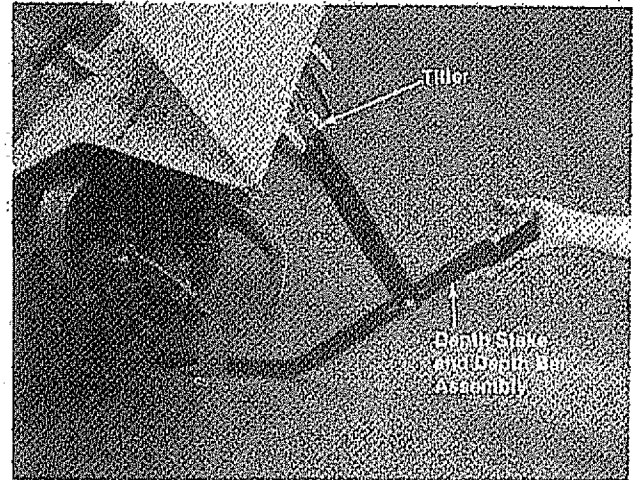


FIGURE 6.

- E. Attach front end of depth bar assembly to transmission housing. Slip depth bar over bolt and secure with hair pin cotter (K). See figure 7.

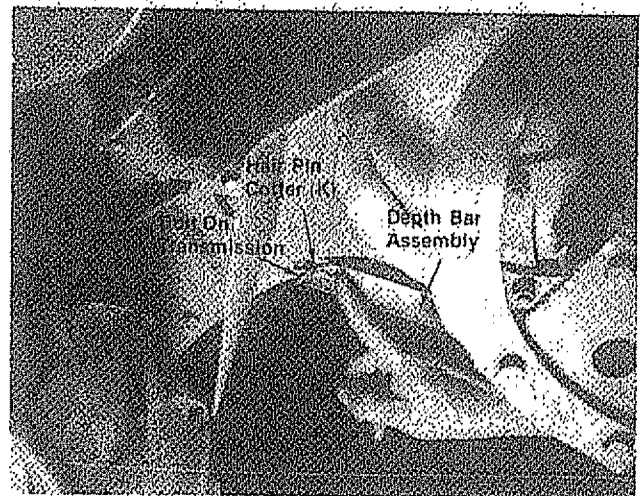


FIGURE 7.

- F. Assemble notched edge of gear shift lever so notch faces forward. Place gear shift lever through slot in handle panel and bottom hole over weld stud. Secure with flat washer (G), compression spring (J), another flat washer (G) and hex locknut (H). See figure 8.

- G. Tighten hex locknut until nut is flush with stud. See figure 8.

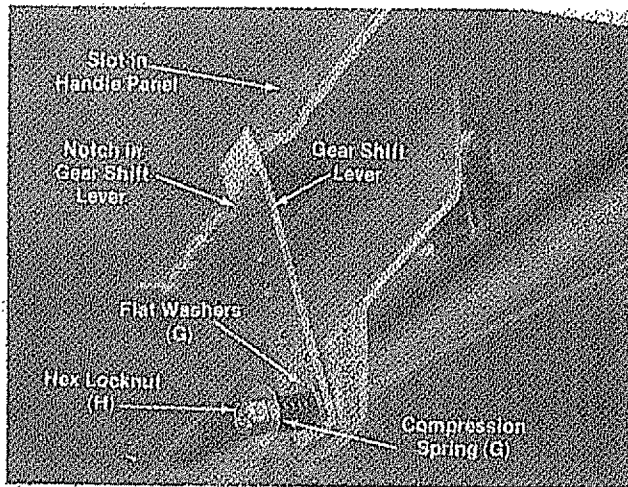


FIGURE 8.

H. Thread hex jam nut (P) on one end of gear shift rod; then thread gear shift rod into ball joint on the top of pivot horn assembly, 10 to 12 complete turns, approximately 1/2 inch; See figure 9.

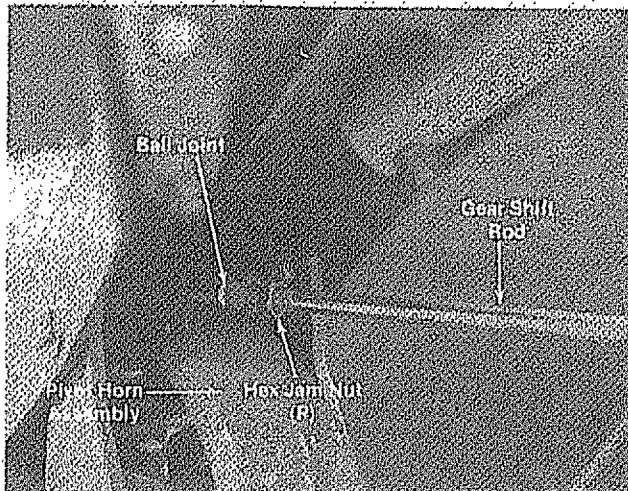


FIGURE 9

I. Thread ferrule (O) on other end of gear shift rod. See figure 10.

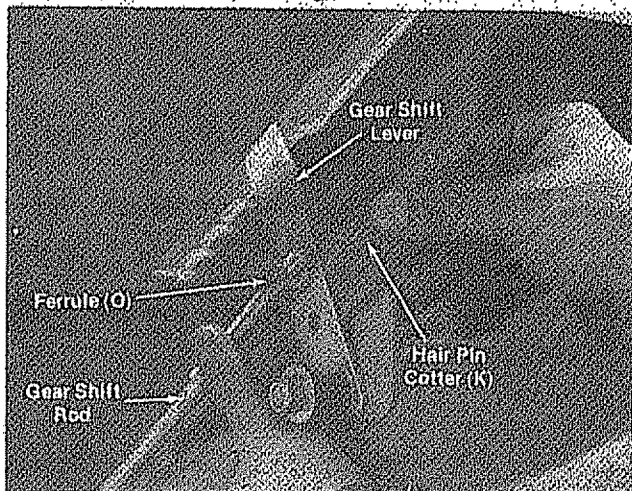


FIGURE 10.

- J. Secure ferrule in gear shift lever (as shown in figure 10) with hair pin cotter (K).
- K. To assemble the handle adjustment lever, hook handle adjustment rod (already on handle) into lever. Hook to the outside. See figure 11.
- L. Place handle adjustment lever in place on handle and secure with hex screw (F) and locknut (M). See figure 11. Do not over tighten handle adjustment lever must pivot freely.

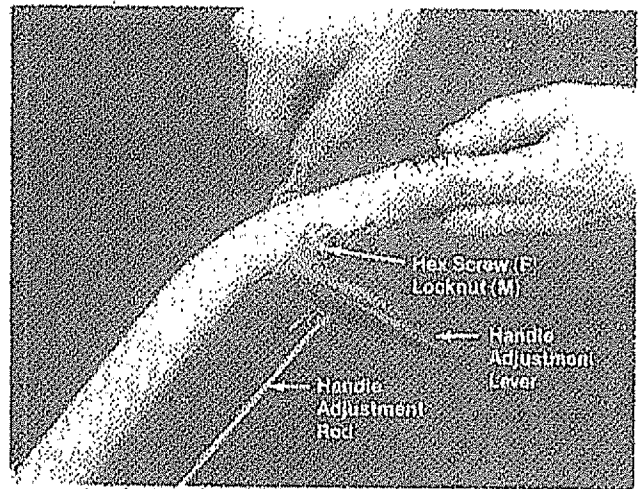


FIGURE 11.

M. Throttle Control Lever.



The throttle control may have four holes in the lever bracket. The holes on the outside edge are to be used for mounting on this unit. See figure 12.

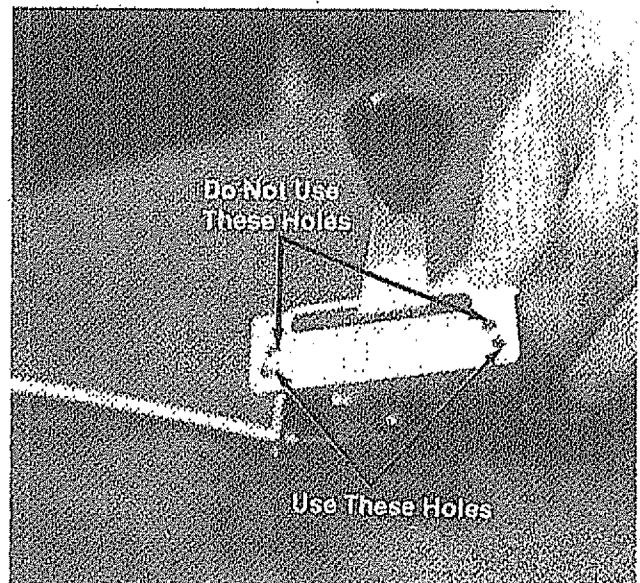


FIGURE 12.

Place throttle control lever up through the handle panel and secure with two self tapping screws (L), using a 1/4" flat screwdriver. See figure 13.

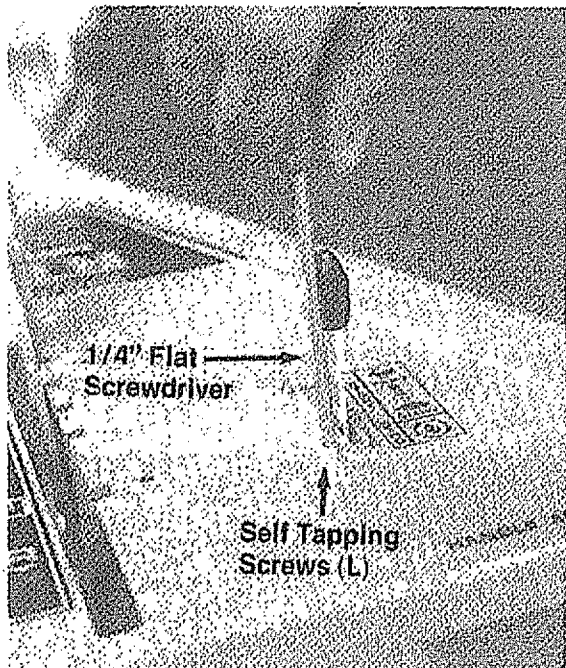


FIGURE 13.



WARNING

Engine is shipped without oil.

ENGINE PREPARATION

1. Before starting. Fill crankcase with 2 3/4 pints of SAE 30 heavy duty detergent oil or to full mark on dipstick. Be sure that engine is level. See figure 14.
2. Change oil after first 2 hours of operation and every 25 hours thereafter. Check oil every 8 operating hours.

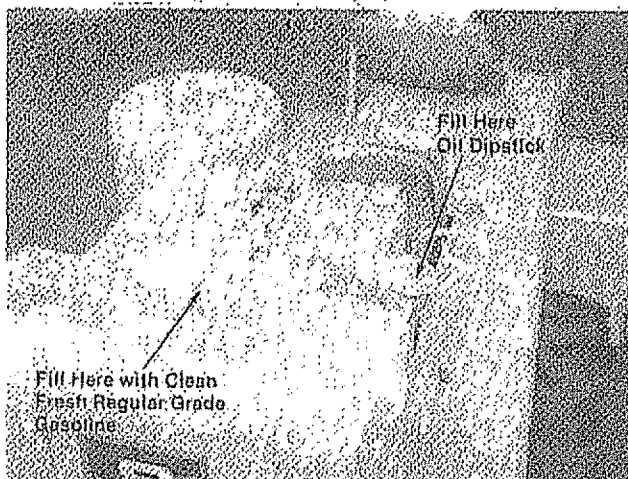


FIGURE 14.

3. Fill fuel tank with clean fresh regular grade of gasoline. See figure 14.
4. Open gas valve.

ADJUSTMENTS

Handle Adjustment Lever. (See figure 15.)



NOTE

Figure 15 is viewed from the bottom of handle panel.

- A. Use if not enough free play.
- B. Normal setting.
- C. Use if pin will not withdraw completely from bracket.

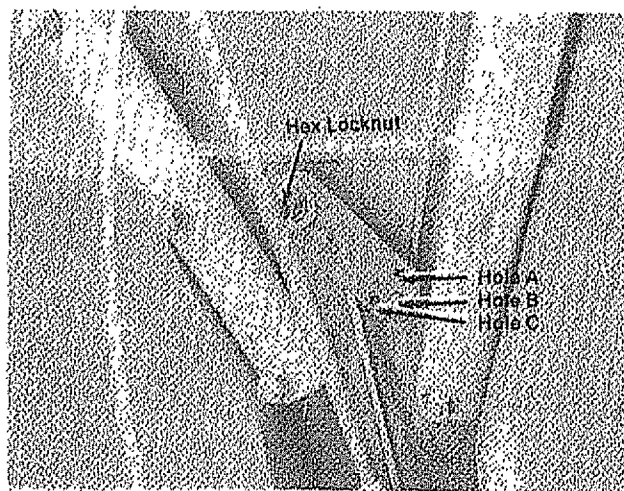


FIGURE 15.

To make the above adjustment loosen hex locknut and reposition the rod in Hole A, B or C.

CONTROLS

Location and Use.

1. **Gear Shift Lever:** The gear shift lever is located in the center of handle panel.

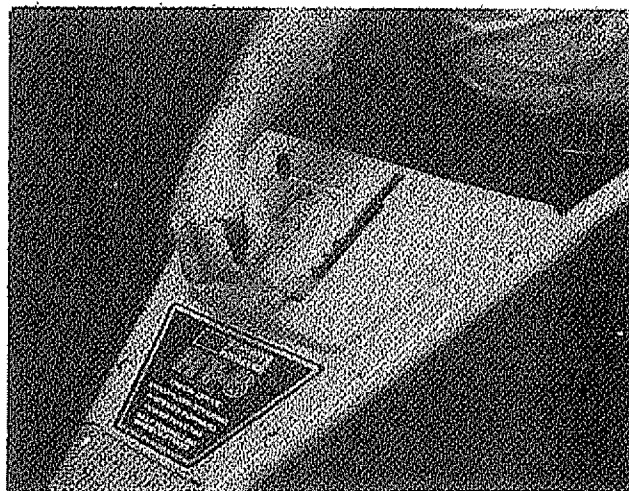


FIGURE 16.

- A. Forward (1 thru 5)—Move the lever to the left and forward for each gear. See figure 16.



NOTE

The engine must be running to move the gear shift lever.

- B. Use (1) first and (2) second gears when breaking the sod for the first time.
- C. Use (3) third and (4) fourth gears when tilling soil which has been tilled before.
- D. Use (5) fifth gear for pulverizing soil or for transporting the tiller.
- E. Neutral (N)—Move lever to detent marked "N." See figure 17.

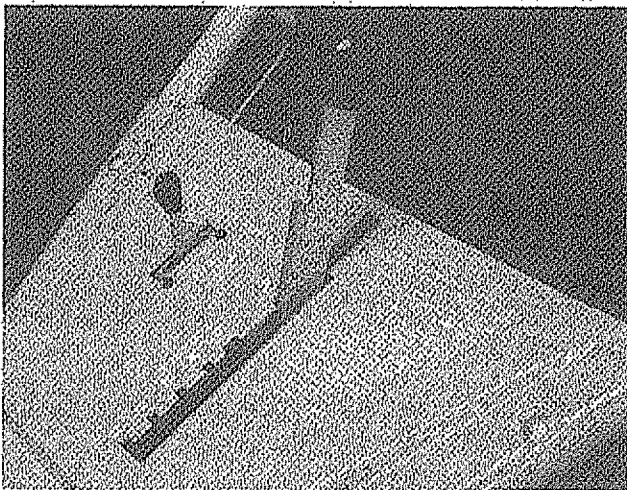


FIGURE 17.

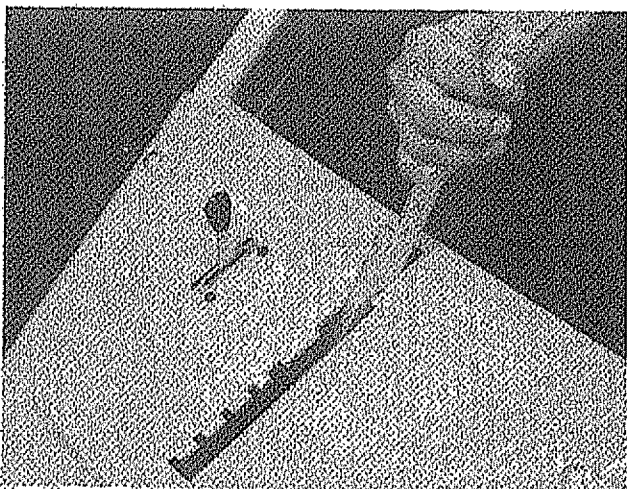


FIGURE 18.

- F. Reverse (R)—Pull the gear shift lever back (upward) slowly to obtain reverse. Always use caution when using the reverse. When using reverse, if gear shift lever is released it will snap back into neutral (N). See figure 18.

2. Throttle Control: The throttle control lever is located on the right hand side of handle panel and controls the engine speed.

- A. Stop—Pull lever back (upward) to stop the engine. See figure 19.
- B. Start—Push throttle control lever forward (down) to start position. See figure 20.

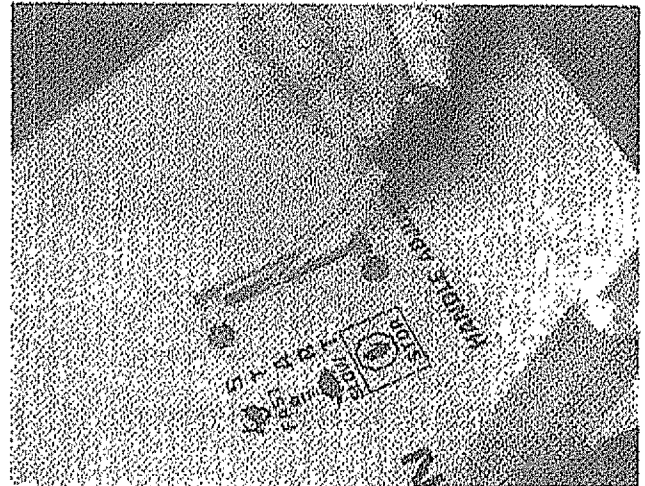


FIGURE 19.

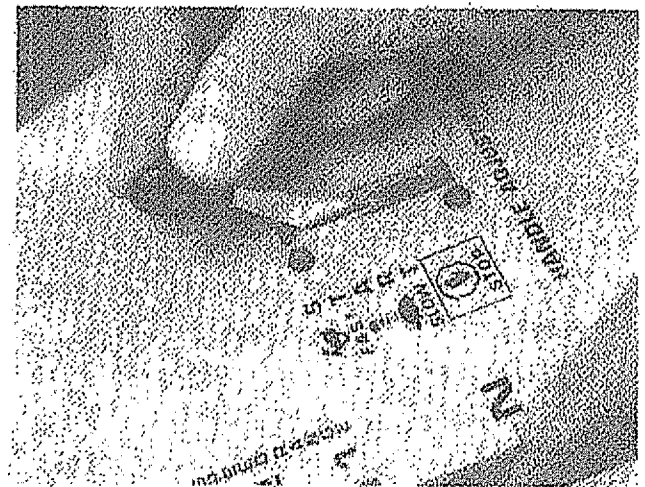


FIGURE 20.

3. Choke: The choke is located on the engine just below the air cleaner. To choke the engine move the lever down. See figure 21.

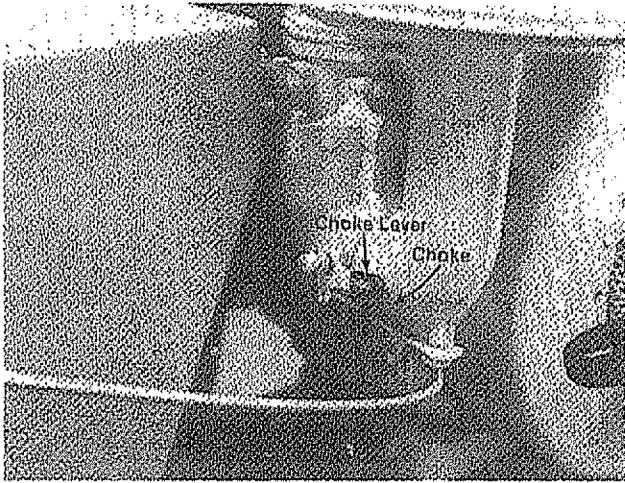


FIGURE 21.

4. **Handle Adjustment:** The handle adjustment release is located on the right hand handle bar. See figure 22.

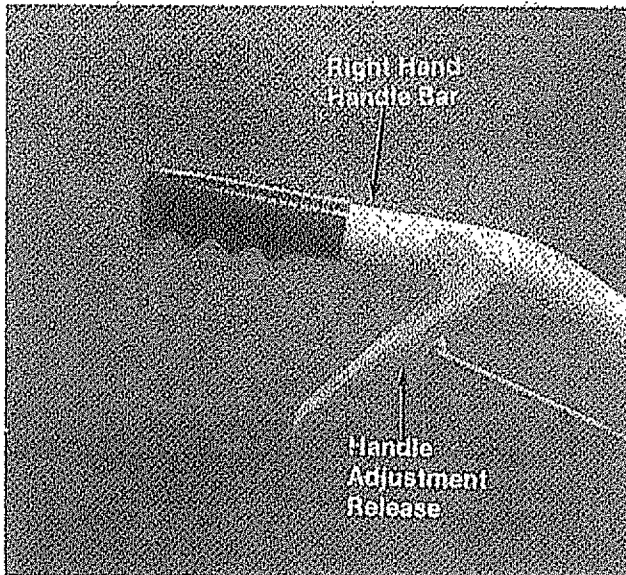


FIGURE 22.

A. Squeeze up on handle adjustment lever and place the handle in one of nine (9) positions. See figures 23, 24, 25 and 26.



Figure 23 is viewed from the front of tiller for clarity.

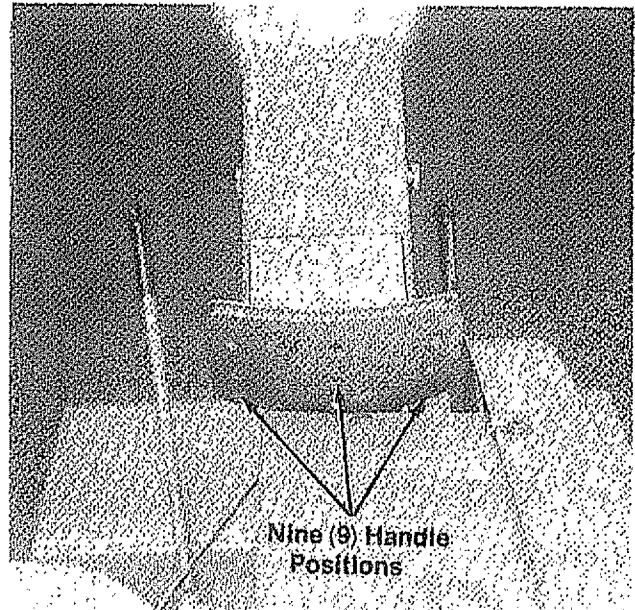


FIGURE 23.

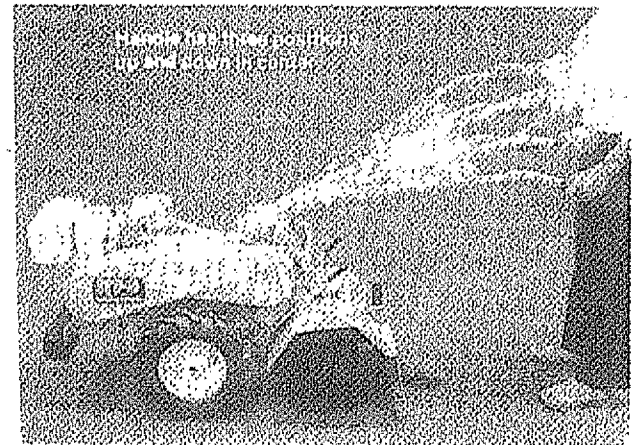


FIGURE 24.

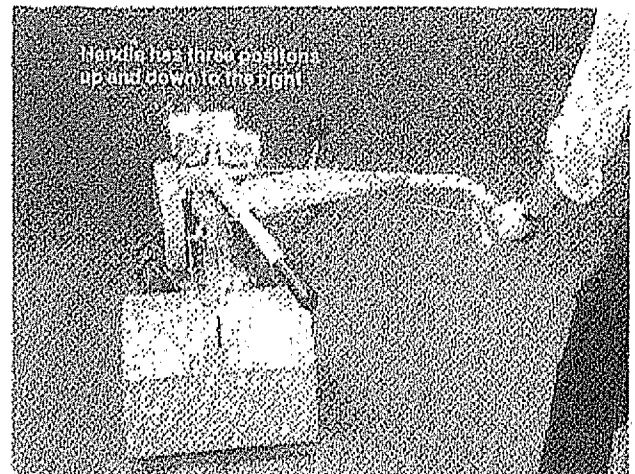


FIGURE 25.

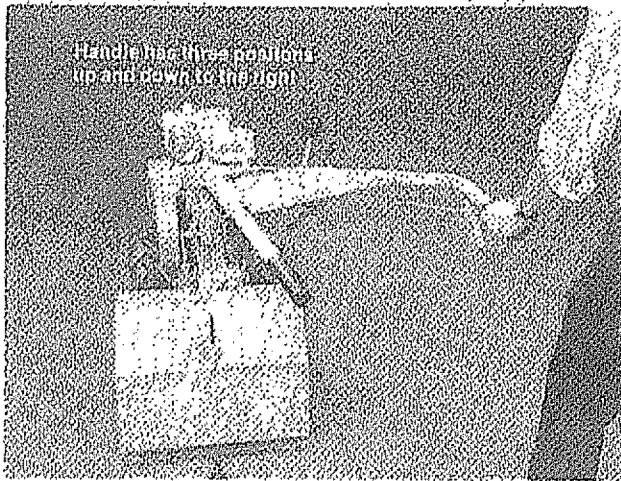


FIGURE 26.



WARNING

The gear shift lever must be in **Neutral (N)** position before engaging or disengaging the tine and wheel engagement levers.

5. **Tine Engagement Lever:** The tine engagement lever is located on the left side of tiller.



NOTE

It may be necessary to slightly engage gear shift lever to operate.

- A. To engage tines move the lever outward. To disengage tines move lever inward. See figure 27.

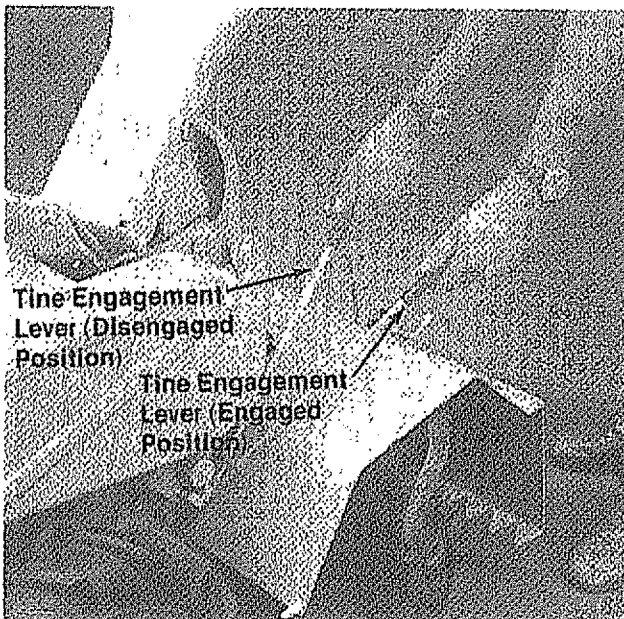


FIGURE 27.

6. **Wheel Engagement Lever:** The wheel engagement lever is located on the right side of tiller.

- A. To engage wheels move the lever outward. To disengage or stop wheels move lever inward. See figure 28.

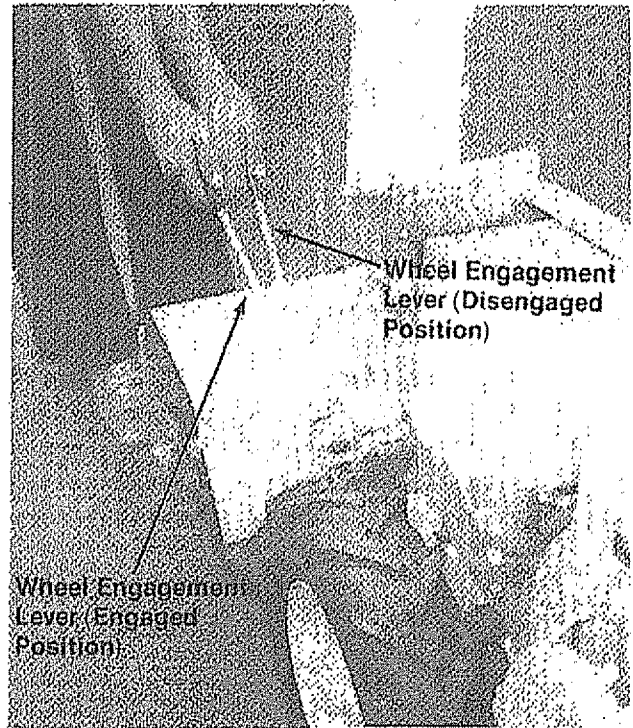


FIGURE 28.

OPERATION

TO START ENGINE:



CAUTION

BE SURE NO ONE IS STANDING IN FRONT OF THE TILLER WHILE THE ENGINE IS RUNNING OR BEING STARTED.

1. Place the gear shift lever in neutral (N) position. See figure 17.
2. Place the tine engagement lever in the disengaged position. See figure 27.
3. Place the wheel engagement lever in the disengaged position. See figure 28.
4. Place the throttle control lever in **FAST** position. See figure 20.
5. Choke engine. Move choke lever down. See figure 21. Once the engine starts, move the lever up.
6. Stand at side of tiller, grasp the starter handle and pull out rapidly. Return it slowly to the engine. Repeat as necessary. See figure 29.

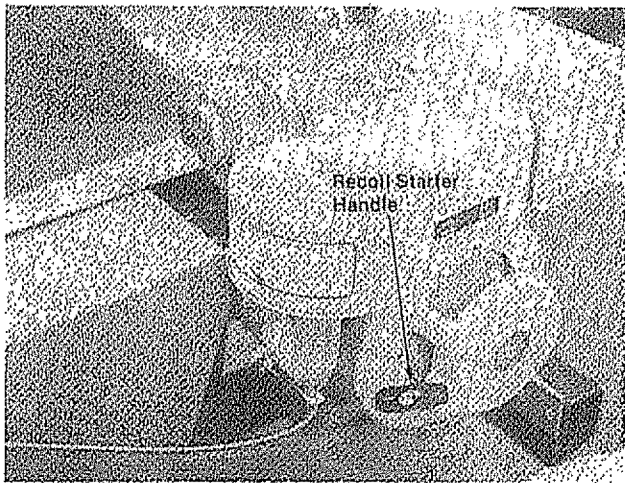


FIGURE 29.

TILLING

1. Adjust the depth stake by pulling the depth stake adjustment pin. Release the depth stake. See figure 30.

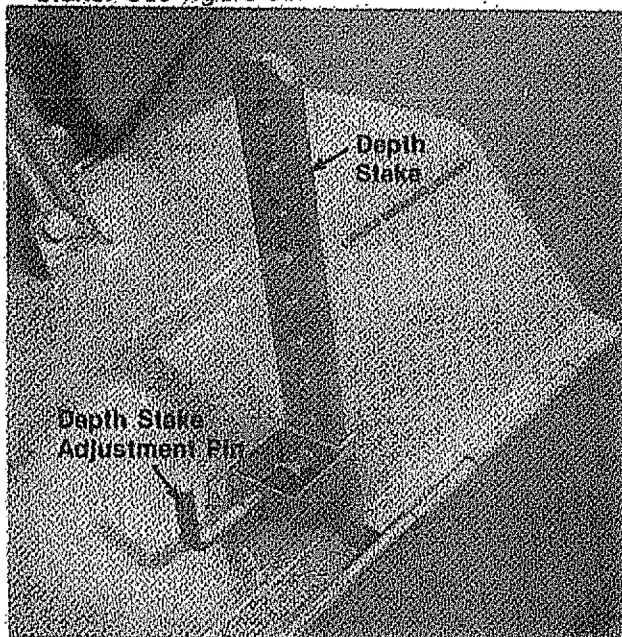


FIGURE 30.

2. Lower the depth stake for transporting the tiller.
3. Engage wheel engagement lever, select gear on handle panel and tiller will propel itself.
 - A. For tilling in sod, raise the depth stake so the depth bar is one to two inches above the tines. This setting is used for breaking up the sod and shallow cultivation. For further depth raise the depth stake and make one or two more passes over the area.
 - B. For tilling loose and sandy soil, further depth in tilling can be achieved by raising the depth stake to its highest setting.



WARNING

When tilling, if a hard spot or rock is encountered, the tines may lift the back of the tiller out of the ground and start to walk across the ground. To correct this problem raise up on the handles.

TILLING HINTS

Soil conditions are important for proper tilling.

The tines will not readily penetrate dry, hard soil. This may contribute to excessive bounce and difficult handling of the tiller. Hard soil should be moistened prior to tilling.

Extremely wet soil will cause soil to ball up or clump.

When tilling in the Fall, all vines and long grass should be removed. This will prevent vines from wrapping around the tine shaft which slows tilling operation.

The best method will be determined by the soil condition. In some soils, the desired depth is obtained the first time over the garden. In other soils, the desired depth is obtained by going over the garden two or three times. In the latter case, the depth stake should be raised (raising the depth stake increases digging depth) before each succeeding pass over the garden, and passes should be made across the length and width of the garden alternately. Rocks which are turned up should be removed from the garden area.

Handle Pressure: Further control of tilling depth and travel speed can be obtained by variation of pressure on the handles.

When using the depth stake a downward pressure on the handles will increase the working depth and reduce the forward speed. An upward pressure on the handles will reduce the working depth and increase the forward speed. The type of soil and working conditions will determine the actual setting of the depth stake.

MAINTENANCE

BELT REPLACEMENT:



CAUTION

Do not use an off-the-shelf belt.

If belt replacement is required, order belt or belts by part number from your nearest Sears Service Center.

Part No. 754-0220
5/8" x 27" Short Belt

Part No. 754-0221
5/8" x 52" Long Belt

Your tiller has been engineered with the above belts and should not be replaced with an off-the-shelf belt. The above belts are made of special material (Kevlar Tensile) for longer life and better performance.



Upon reassembly make sure the belt is inside the guide pins. See figure 34.

REMOVING AND REPLACING BELTS.

1. Remove belt cover, remove two bolts, two nuts and four flat washers. See figure 31.

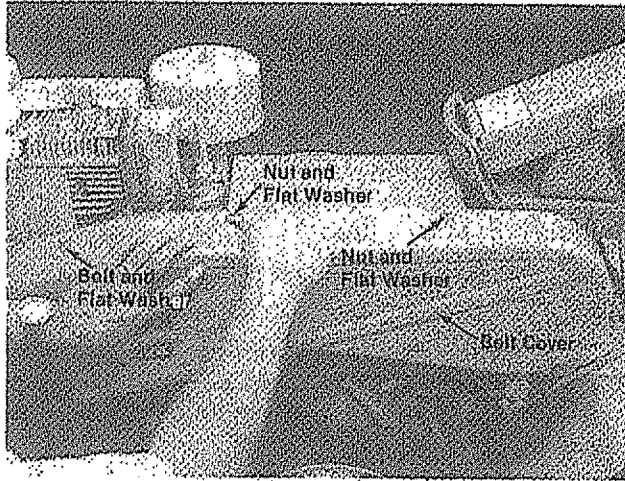


FIGURE 31.

2. To remove the front belt (short) pull gear shift lever back to reverse (R) position. Slip the belt off engine pulley towards the engine, See figure 32.

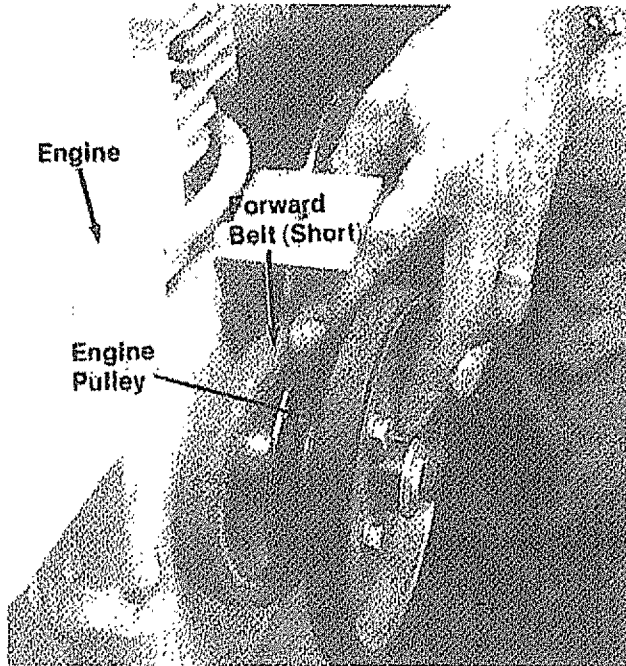


FIGURE 32.

3. Slip the belt off variable speed pulley, remove and replace with new belt. See figure 33.

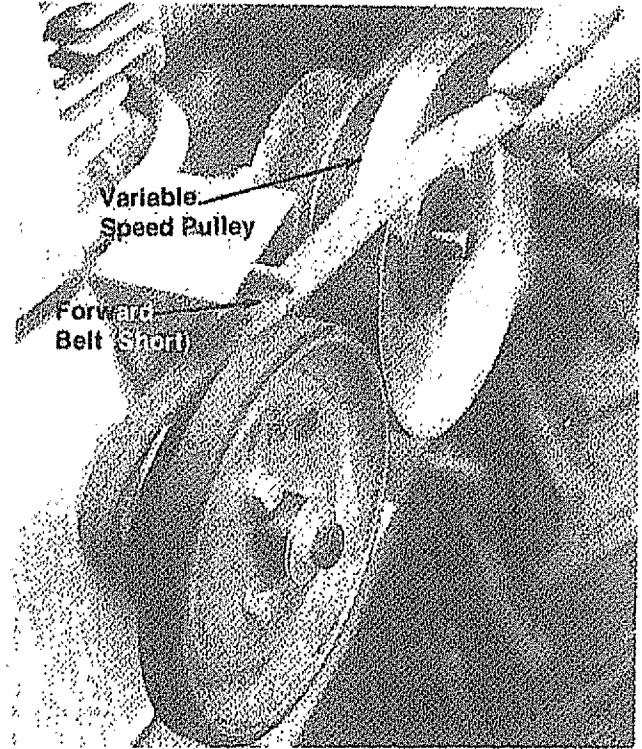


FIGURE 33.

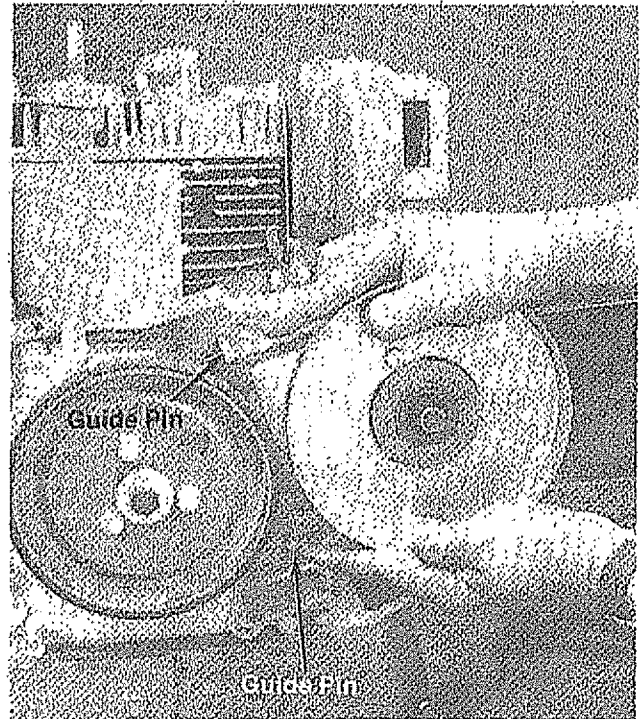


FIGURE 34.

4. To remove the rear belt (long). Remove the small belt first, follow steps 1, 2 and 3 on pages 14 and 15.

Move gear shift lever to the second (2) speed position. Slip the belt off the transmission pulley. Pull the idler pulley down and remove the belt. See figure 35.

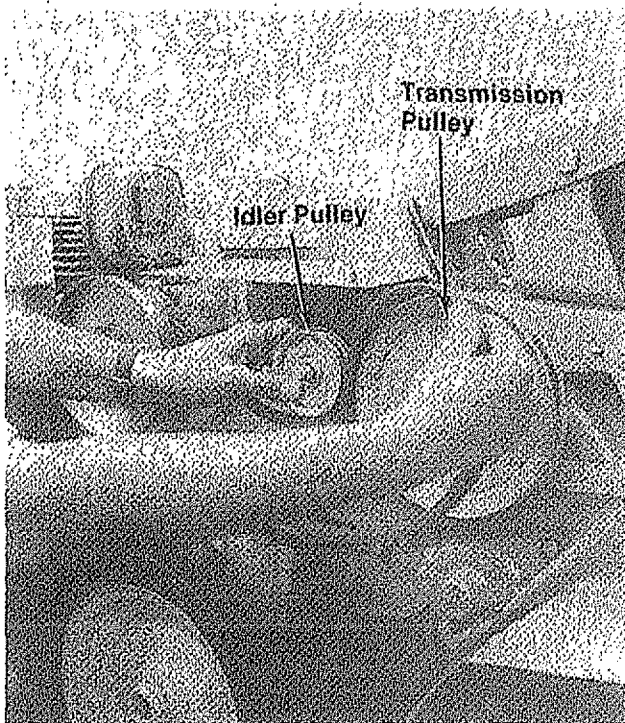


FIGURE 35.

CARE AND MAINTENANCE:

Transmission:

The transmission is pre-lubricated and sealed at the factory. It requires no additional lubrication unless the transmission is disassembled. To fill with grease, lay the left half of the transmission on its side, add 28 ounces of Plastilube #1 grease and assemble the right half to it. This grease can be purchased from your nearest Sears Service Center. (Order Part No. 737-0133.)

Air Filter:

Under normal operating conditions, the air cleaner, located on top of the carburetor, must be serviced after every ten hours of use. Under extremely dusty operating conditions, the air cleaner must be serviced after every hour of operation. See figure 36.

1. Remove the wing nut and cover.
2. Remove the second wing nut and metal disc holding the foam and paper element.
3. Remove the two elements from the support base.
4. To clean, tap the paper element (either top or bottom) on a flat surface.

5. To clean foam element, wash in detergent and solution by squeezing similar to a sponge. Wrap foam in cloth and squeeze dry. Coat element with two tablespoons of engine oil. Squeeze to distribute and remove excess oil.

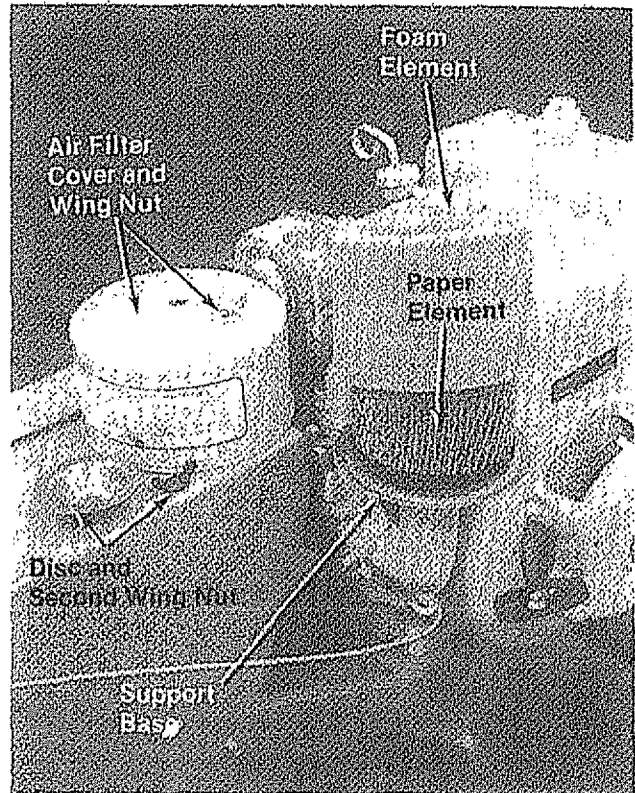


FIGURE 36.

CLEANING ENGINE AND TINE AREA

Any fuel or oil spilled on the tiller should be wiped off promptly. Dirt, leaves and other debris must not be left to accumulate around the cooling fins (figure 37) or the engine or on any part of the tiller. Clean the underside of the tine shield after each use. The dirt washes off the tine easier if washed off immediately instead of after it dries.

The blower housing is held in place with three screws, One on the top of the engine and two on the bottom. See figure 37.

SPARK PLUG

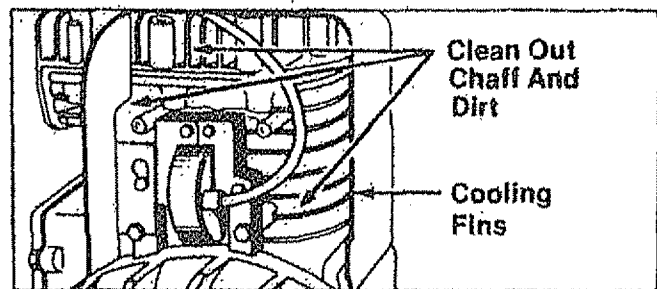


FIGURE 37.

The spark plug gap should be cleaned and reset to a 0.030-inch clearance every 25 hours of engine

operation. See figure 38. Spark plug replacement is recommended at the start of each tiller season; check engine parts list for correct plug type.

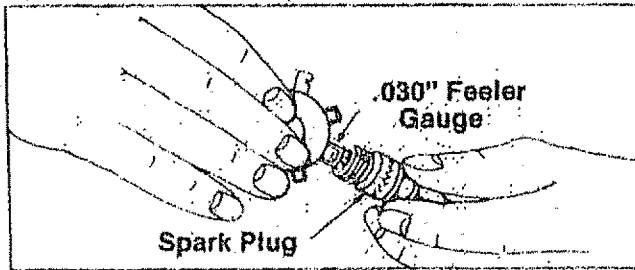


FIGURE 38.

GASOLINE FILTER AND SHUT-OFF VALVE

Refer to figure 39.

1. Close the shut-off valve.
2. Loosen the thumb screw below the bowl.
3. Remove and clean the screen.
4. Open the shut-off valve to see if gasoline flows freely from the gasoline tank.
5. Clean the bowl and screen. Use alcohol or acetone to clean the parts if you find a gummy, varnish-like substance in the bowl.
6. Reassemble.
7. Open the shut-off valve.

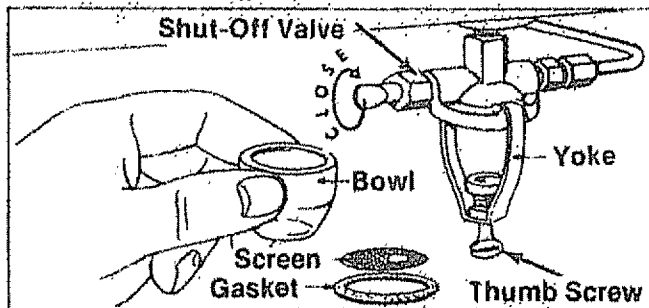


FIGURE 39.
Oil Change

To avoid spilling gasoline on your lawn or driveway, plan to change the oil when the gasoline tank and carburetor are empty.

After the first two hours of operating a new engine, drain the oil from the crankcase while the engine is still hot and refill the crankcase with new oil; thereafter change the oil after every 25 hours of operation. This procedure ensures for minimum wear of engine parts and provides for virtually trouble-free operation. To change the oil, proceed as follows:

1. With the tiller on level ground, place a suitable metal container under the oil drain plug, then remove the drain plug. See figure 40.

2. After the oil has been drained completely from the crankcase, replace the drain plug and tighten.

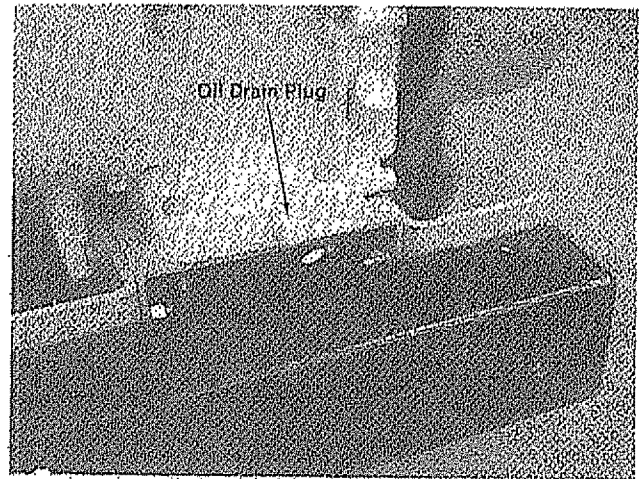


FIGURE 40.

3. With the tiller on level ground, remove the dipstick. See figure 14: Fill the crankcase until the oil reaches full mark. Fill slowly to avoid air locks. The crankcase should hold approximately 2¾ pints of SAE 30 type engine oil. Replace the dipstick.

ADJUSTMENT OF THROTTLE CONTROL CABLE

1. Place the throttle control lever in STOP position.

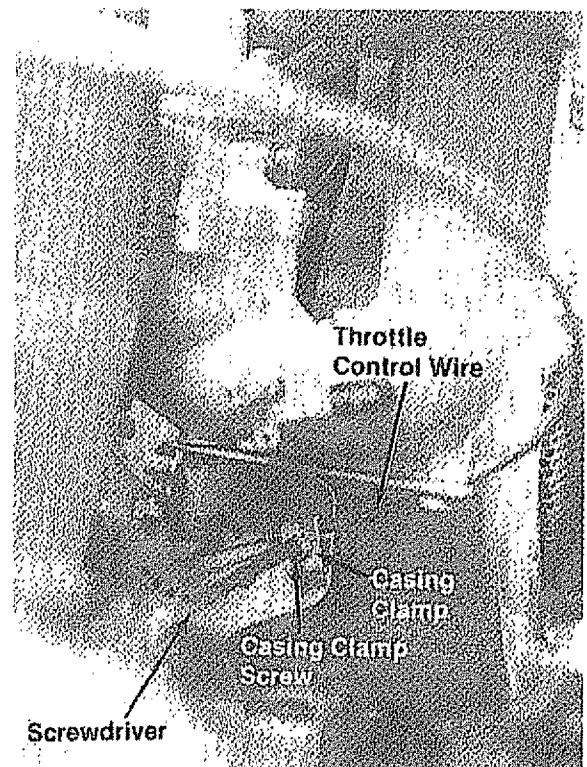


FIGURE 41.

- Loosen the casing clamp screw and move the throttle control wire in as far as possible.
- Tighten the casing clamp screw. See figure 41.

CARBURETOR ADJUSTMENT See figure 42.

Minor carburetor adjustment may be required to compensate for differences in fuel, temperature, altitude and load. To adjust:

- Turn needle valve clockwise until it just closes.



CAUTION

Valve may be damaged by turning too far.

- Open needle valve 1-1/8 turns counterclockwise.
- Close the idler valve in the same manner and open 1-1/8 turns.
- Start the engine.
- Turn the needle valve in until the engine misses.
- Then turn it out past smooth operating point until the engine runs unevenly.
- Turn the needle valve mid-point between the two settings so the engine runs smoothly.
- Set the throttle in the idle (slow) position and set the Idle speed adjusting screw until a fast idle is obtained.
- With the throttle still in the idle position, turn the Idle valve in and out until the engine idles smoothly.

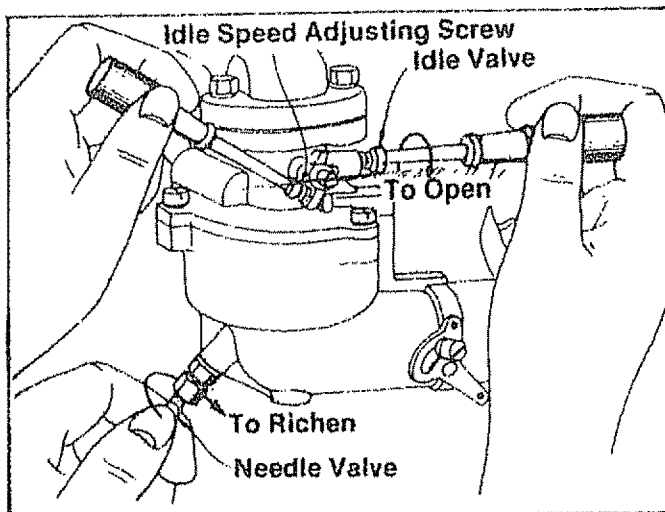


FIGURE 42. CARBURETOR ADJUSTMENT

ADJUSTING THE CARBURETOR CHOKE

Proper choke and stop switch operation is dependent upon proper adjustment of remote controls on the powered equipment.

To check the Operation of the Choke:

- Remove the air cleaner.
- Push the throttle control all the way forward to the START position. See figure 20. The choke should be closed. See figure 43.
- The engine should shut off when the throttle control is all the way back (STOP position).

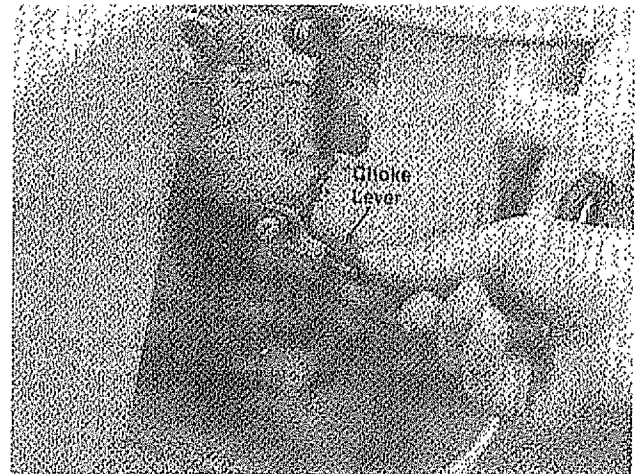


FIGURE 43.

TIRE PRESSURE

Tires should be inflated from 8 to 15 p.s.i.



CAUTION

Do not exceed 30 p.s.i.

OFF-SEASON STORAGE

If the tiller is to be inoperative for a period longer than 30 days, the following precautions are recommended. Keep your tiller in a weatherproof dry area. If stored for over 30 days the following steps will protect the essential engine parts from gum deposits.

- Working outdoors, drain all fuel from the fuel tank. Use a clean dry cloth to absorb the small amount of fuel remaining in the tank, then run the engine until all fuel in carburetor is exhausted.



DO NOT DRAIN FUEL WHILE SMOKING, OR IF NEAR AN OPEN FIRE.

2. Drain all the oil from the crankcase (this should be done after the engine has been operated and is still warm) and refill the crankcase with clean new oil. See figure 40.
3. Disconnect the spark plug wire and remove the spark plug from the cylinder. Pour about six drops of engine oil into the cylinder, and then pull the recoil starter several times to spread the oil on the cylinder wall. Replace the spark plug, but DO NOT connect the wire.
4. Clean the engine and the entire tiller thoroughly.
5. Wipe tines with oiled rag to prevent rust.

TILLER INSTRUCTIONS FOR WINTER OPERATION (under 40°F.)

Engine Lubrication. Drain the summer engine oil while engine is warm. Refill with new "winter grade" oil. Run engine until warm to distribute the new winter oil.

Use oil "for service" SC, SD, or SE. Use 5W-20 or 5W-30. If not available, use 10W, or 10W-30.

Fuel. Replace any summer gasoline on hand or in the fuel tank with fresh winter-grade gasoline. Use lead-free or leaded "regular" grade automotive gasoline. Winter fuels have additives for faster starting. Keep fuel tank full.



Many automotive gasolines no longer contain "de-icer." A can of gasoline de-icer fluid added to your gasoline supply will help maintain the engine's winter reliability.

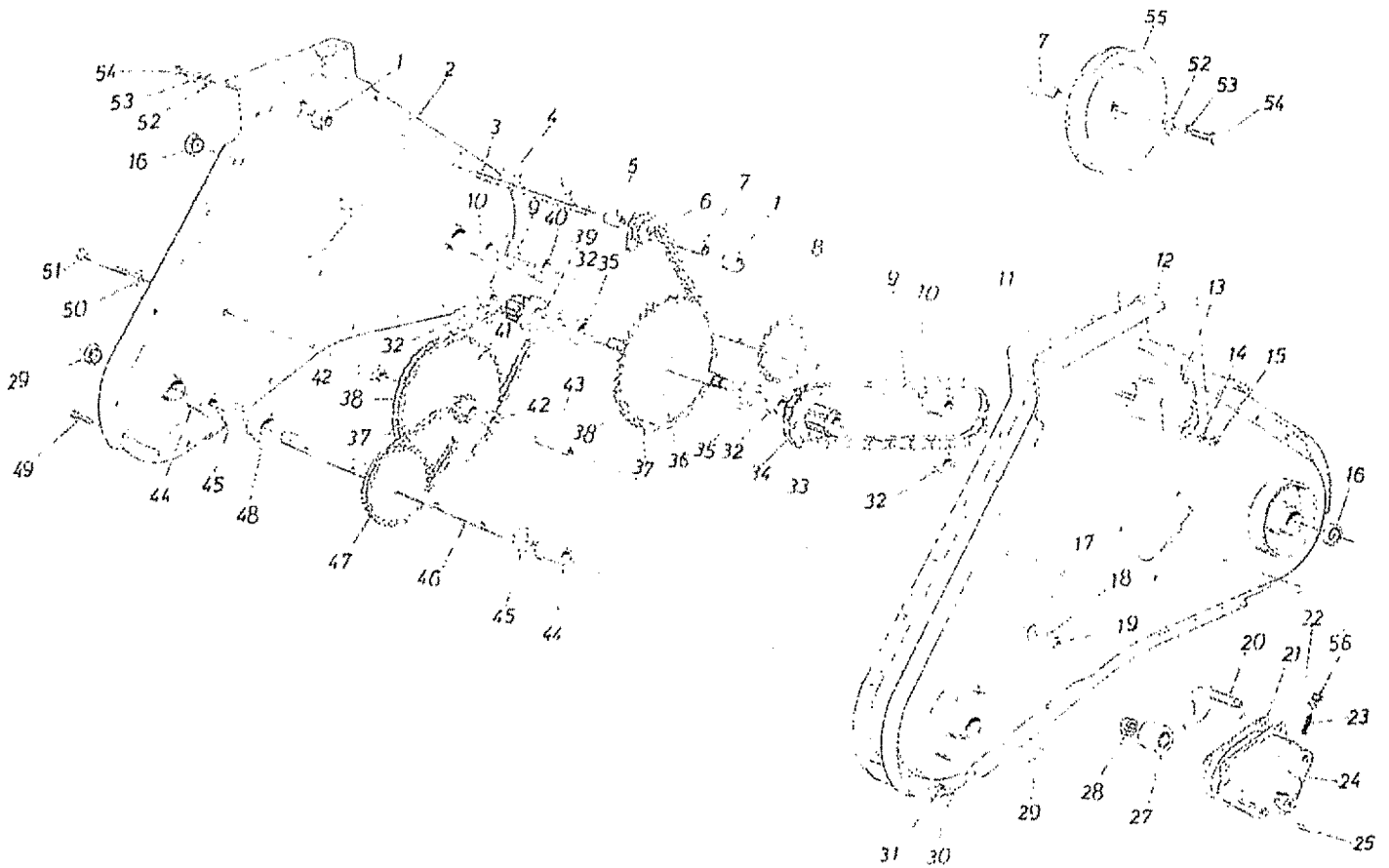
Cold Starting Hints

1. Be sure to use proper winter-grade oil and gasoline.
2. Declutch all possible external loads.
3. Set governor control at low-speed position.
4. Turn carburetor needle valve approximately 1/8 turn counterclockwise. (Richer fuel mixture) This will improve cold weather starting and operation.

NOTES

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Repair Parts 8 H.P. Tiller Model 247.298780



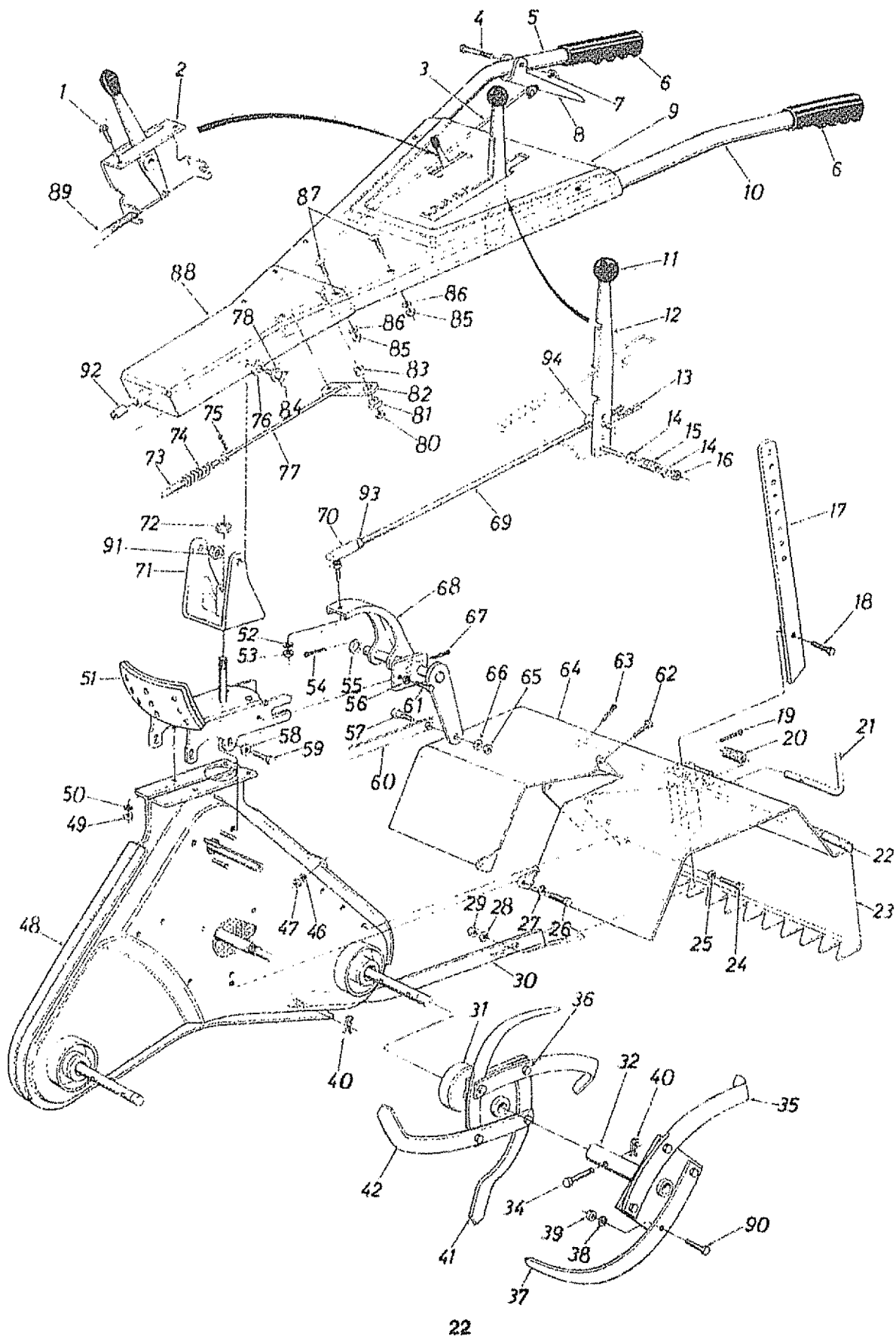
NOTE: Use 28 ounces of Plastilube #1 grease. Order part no. 737-0133.

Repair Parts Transmission 04820

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	741-0155	Ball Bearing	28	717-0382	Clutch Dog Driver
2	04822	Transmission Ass'y. —R.H.	29	721-0102	Seal 1.0" I.D. x 1.38 O.D.
3	738-0379	Input Shaft 5/8" Dia.	30	712-0138	Hex Nut 1/4-28 Thd. *
4	714-0122	Sq. Key 3/16 x .75" Lg.	31	736-0329	L-Wash. 1/4" Scr. *
5	750-0379	Spacer .637 I.D. x .781 O.D. x .85	32	741-0229	Flange Brg. 1.00" I.D.
6	717-0210	Sprocket 9 Tooth .50" Pitch	33	04826	Sprocket Brg. Sleeve Ass'y.
7	750-0378	Spacer .637 I.D. x .781 O.D. x 1.44	34	713-0226	Chain #50 5/8 Pitch x 52 Links Endless
8	06800	Tine Shaft Ass'y.	35	750-0352	Stepped Spacer 1.0" I.D. x 1.75 O.D.
9	736-0259	Fl-Wash. 1.0" I.D. x 1.62 O.D. x .090	36	04823	Clutch Shaft Ass'y.
10	741-0189	Flange Brg. 1.00 I.D. x 1.188 O.D.	37	713-0165	#420 Chain 1/2" Pitch x 57 Links
11	721-0163	Gasket—Housing	38	713-0154	Master Link 1/2" Pitch
12	04821	Transmission Ass'y.—L.H.	39	04829	Sprocket Brg. Sleeve Ass'y.
13	05034	Bearing Housing	40	750-0314	Spacer 1.0" I.D. x 2.0" O.D. x .68
14	736-0329	L-Wash. 1/4" Scr. *	41	713-0222	Sprocket Ass'y.
15	712-0138	Hex Nut 1/4-28 Thd. *	42	748-0184	Flange Brg. .628 I.D. x .753 O.D.
16	721-0102	Seal 1.0" I.D. x 1.38 O.D.	43	750-0374	Hub Sleeve .38 I.D. x .625 O.D.
17	736-0219	Belleville Wash.	44	741-0189	Flange Brg. 1.00" I.D. x 1.188 O.D.
18	736-0169	L-Wash. 3/8" Scr. *	45	736-0259	Fl-Wash. 1.0" I.D. x 1.62 O.D.
19	712-0214	Hex Cent. L-Nut 3/8-24 Thd.	46	04835	Axle Shaft Ass'y.
20	04859	Shift Yoke Ass'y.—L.H.	47	713-0225	Chain #420 1/2 Pitch 42 Links Endless
	04858	Shift Yoke Ass'y.—R.H. (Not Shown)	48	750-0314	Spacer 1.0" I.D. x 2.0" O.D.
21	721-0162	Gasket—Shift Housing	49	710-0195	Hex Scr. 1/4-28 x .62" Lg.
22	741-0862	Ball Detent .250 Dia.	50	736-0219	Belleville Wash.
23	732-0863	Compression Spring	51	710-0629	Hex Scr. 3/8-24 x 2.75" Lg. *
24	719-0237	Shift Housing—L.H.	52	736-0159	Fl-Wash. 5/16" Scr.
	719-0238	Shift Housing—R.H. (Not Shown)	53	736-0119	L-Wash. 5/16" Scr. *
25	710-0601	Hex Tap Tite 5/16-18 x .75" Lg.	54	710-0627	Hex L-Scr. 5/16-24 x .75" Lg.
27	717-0383	Clutch Dog	55	756-0297	Input Pulley—Transmission
			56	721-0165	Cap Plug .250" Dia.

*Standard Hardware Items—May Be Purchased Locally.

Repair Parts 8-H.P. Tiller Model 247.298780



Repair Parts 8-H.P. Tiller Model 247.298780

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	710-0227	Hex Wash. Hd Tap Scr. #8 x 50" Lg. *	51	04850	Handle Positioner Ass'y.
2	746-0304	Throttle Control Ass'y. Comp.	52	736-0169	L-Wash. 3/8" Scr. *
3	747-0255	Handle Lock Rod	53	712-0116	Hex Ins. L-Nut 3/8-24 Thd.
4	710-0136	Hex Scr. 1/4-20 x 1.75" Lg. *	54	714-0474	Cotter Pin 1/8" Dia. x .75" Lg. *
5	749-0268	Handle—R. H.	55	736-0290	Fl-Wash. .630 I.D. x 1.0" O.D. x .063
6	720-0180	Grip	56	736-0119	L-Wash. 5/16" Scr. *
7	712-0107	Hex Cent L-Nut 1/4-20 Thd.	57	738-0258	Shld. Scr. .50 x .25
8	04830	Clutch Grip	58	736-0105	Bell. Wash.
9	04831	Handle Panel Ass'y.	59	710-0623	Hex Wash. Hd. Self Tap Scr.
10	749-0269	Handle—L. H.	60	04841	Control Brkt.
11	720-0183	Ball Knob	61	710-0601	Hex Wash. Hd. Self Tap Scr.
12	04892	Clutch Handle Ass'y.	62	710-0216	Hex Scr. 3/8-16 x .75" Lg. *
13	714-0145	Hair Pin Cotter	63	714-0115	Cotter Pin 1/8" Dia. x 1.00" Lg. *
14	736-0101	Fl-Wash.	64	04796	Tine Shield Ass'y.
15	732-0193	Compression Spring .88 O.D. x .81 Lg.	65	712-0130	Hex Ins. L-Nut 3/8-16 Thd.
16	712-0214	Hex Nut 3/8-24 Thd. *	66	736-0169	L-Wash. 3/8" Scr. *
17	04833	Depth Bar	67	714-0115	Cotter Pin 1/8" Dia. x 1.00" Lg. *
18	710-0344	Hex Scr. 3/8-16 x 1.50" Lg. *	68	04806	Pivot Horn Ass'y.
19	714-0115	Cotter Pin 1/8" Dia. x 1.00" Lg. *	69	747-0278	Gear Shift Rod
20	732-0306	Compression Spring	70	723-0156	Rod End 3/8-24 Thd.
21	747-0256	Depth Bar Adjustment Pin	71	04812	Pivot Brkt. Ass'y.
22	747-0252	Hinge Rod	72	712-0221	Hex Ins. L-Nut 5/8-16 Thd.
23	04804	Tine Shield Hinge Flap Ass'y.	73	711-0663	Locking Pin
24	710-0623	Hex Wash. Hd. Self Tap Scr.	74	732-0132	Compression Spring
25	736-0169	L-Wash. 3/8" Scr. *	75	714-0474	Cotter Pin 1/8" Dia. x .75" Lg. *
26	710-0623	Hex Wash. Hd. Self Tap Scr.	76	736-0253	Bell. Wash. .505 I.D. x 1.00" O.D.
27	736-0169	L-Wash. 3/8" Scr. *	77	747-0254	Lower Handle Control Rod
28	736-0101	Fl-Wash.	78	736-0192	Fl-Wash. .50" I.D. x 1.00 O.D. x .090
29	712-0130	Hex Ins. L-Nut 3/8-16 Thd.	80	712-0158	Hex Nut 5/16-18 Thd. *
30	04861	Drag Bar Ass'y.	81	748-0516	Pivot Handle Brg
31	04673	Inner Tine Adapter Ass'y.	82	04819	Pivot Handle Link
32	04683	Outer Tine Adapter Ass'y.	83	736-0289	Bushing Wash.
34	711-0599	Clevis Pin 3/8" Dia. x 1.75" Lg.	84	738-0148	Shld. Scr. .500" Dia. x .660
35	742-0175	Tine—L.H.	85	712-0267	Hex Nut 5/16-18 Thd. *
36	710-0191	Hex Scr. 3/8-24 x 1.25" Lg. *	86	736-0119	L-Wash. 5/16" Scr. *
37	04857	Outer Tine Ass'y. Comp.— L.H.	87	710-0458	Carr. Bolt 5/16-18 x 1.75" Lg. *
38	736-0169	L-Wash. 3/8" Scr. *	88	04792	Handle Mtg. Brkt. Ass'y.
39	712-0241	Hex Nut 3/8-24 Thd. *	89	746-0305	Conduit and Wire
40	714-0145	Hair Pin Cotter	90	710-0152	Hex Scr. 3/8-24 x 1.00" Lg.
41	742-0174	Tine—R.H.	91	712-0181	Hex Top L-Nut 3/8-16 Thd.
42	04855	Inner Tine Ass'y. Comp.— L.H.	92	748-0150	Sleeve Brg. .50 I.D. x .62 O.D. x 1.12 Lg.
46	736-0169	L-Wash. 3/8" Scr. *	93	712-0711	Hex Jam Nut 3/8-24 Thd.
47	712-0798	Hex Nut 3/8-16 Thd. *	94	711-0198	Ferrule
48	04820	Chain Case Ass'y. Comp.	†	770-7764	Owner's Manual
49	712-0267	Hex Nut 5/16-18 Thd. *	†	777-8517	Warranty Decal
50	736-0119	L-Wash. 5/16" Scr. *			

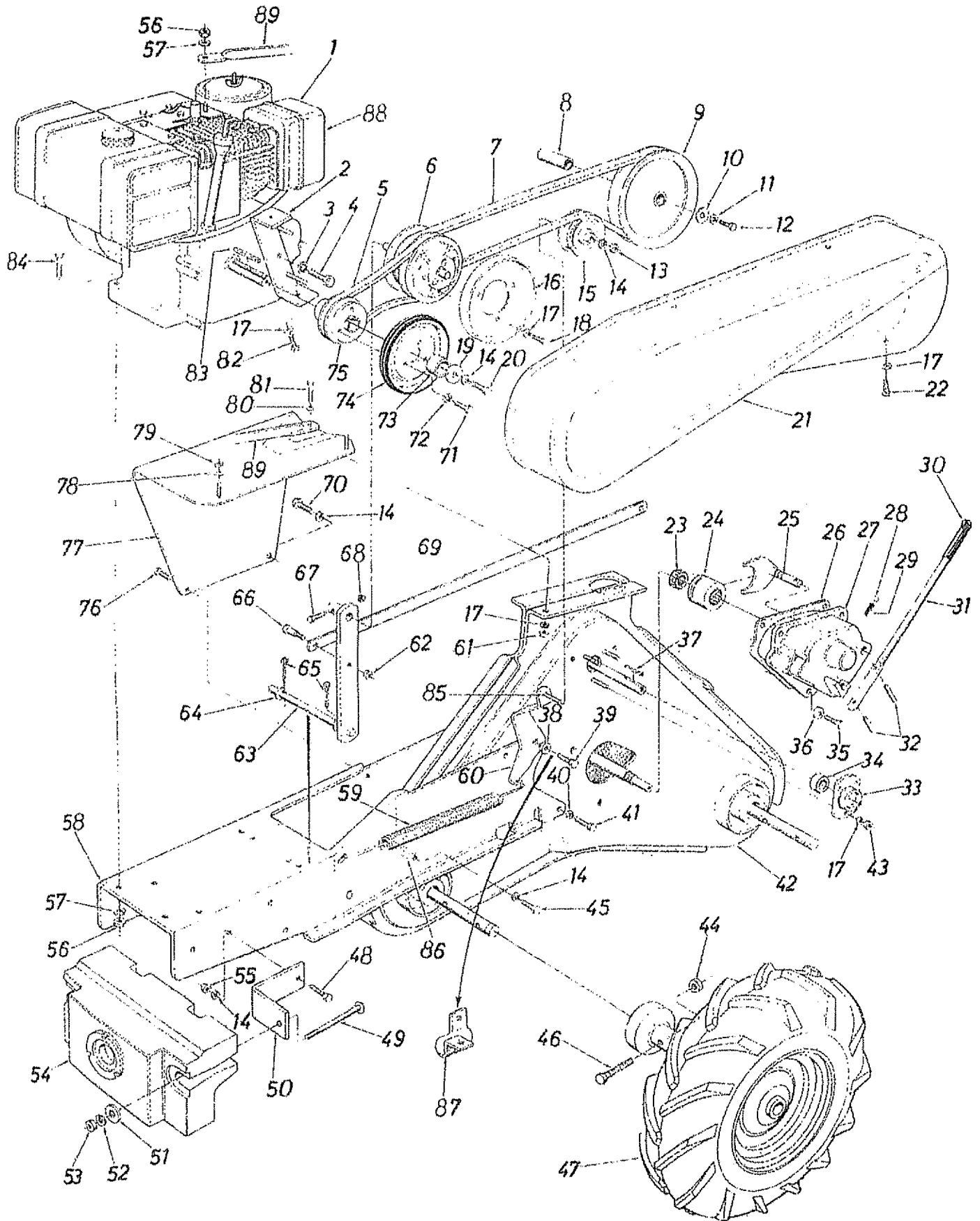
*Standard Hardware Items—May Be Purchased Locally.

†Not Illustrated

TINE CHART

REF. NO.	DESCRIPTION	PART NO.
Not Shown	Inner Tine Ass'y. Comp.—R. H.	04854
42	Inner Tine Ass'y. Comp.—L. H.	04855
Not Shown	Outer Tine Ass'y. Comp.—R. H.	04856
37	Outer Tine Ass'y. Comp.—L. H.	04857

Repair Parts 8-H.P. Tiller Model 247.298780



Repair Parts 8-H.P. Tiller Model 247.298780

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	752-0614	Engine B. & S. 190402 Type 0944-01	43	712-0138	Hex Nut 1/4-28 Thd.
2	04815	Belt Cover Support Ass'y.	44	712-0116	Hex Ins. L-Nut 3/8-24 Thd.
3	736-0114	Internal L-Wash. 1/2" Scr.*	45	710-0347	Hex Scr. 3/8-16 x 1.75" Lg.
4	710-0121	Hex Scr. 1/2-20 x .75" Lg.*	46	710-0191	Hex Scr. 3/8-24 x 1.25" Lg.*
5	754-0220	"V"-Belt 5/8" x 27.0" Lg.	47	734-0807	Wheel Ass'y. Comp.—L.H.
6	717-0343	Variable Speed Ass'y.		734-0806	Wheel Ass'y. Comp.—R.H. (Not Shown)
7	754-0221	"V"-Belt 5/8" x 52.0" Lg.		04848	Rim Only
8	750-0387	Spacer .637 I.D. x .78 O.D. x 1.44" Lg.		734-0808	Tire Only 16 x 4.80-8
9	756-0297	Input Pulley—Transmission	48	710-0152	Tube Only 16 x 4.80-8
10	736-0159	FI-Wash. 5/16" Scr.*	49	710-0359	Hex Scr. 3/8-24 x 1.00" Lg.*
11	736-0119	L-Wash. 5/16" Scr.*	50	04860	Carr. Bolt 1/2-13 x 6.00" Lg.
12	710-0627	Hex L-Scr. 5/16-24 x .75" Lg.	51	736-0179	Weight Mtg. Brkt.
13	712-0130	Hex Ins. L-Nut 3/8-16 Thd.	52	736-0921	Flat Washer
14	736-0169	L-Wash. 3/8" Scr.*	53	712-0384	L-Wash. 1/2" Scr.*
15	756-0225	FI-Idler 2.75" Dia.	54	723-0340	Hex Cent. L-Nut 1/2-13 Thd.
16	04836	Friction Disc	55	712-0214	Weight
17	736-0329	L-Wash. 1/4" Scr.*	56	712-0267	Hex Cent. L-Nut 3/8-24 Thd.*
18	710-0230	Hex Scr. 1/4-28 x .50" Lg.	57	736-0119	Hex Nut 5/16-18 Thd.*
19	736-0227	FI-Wash. .375 I.D. x 1.50 O.D. x .035	58	04844	L-Wash. 5/16" Scr.*
20	710-0191	Hex Scr. 3/8-24 x 1.25" Lg.*	59	732-0153	Frame Ass'y.
21	04790	Belt Cover	60	04864	Extension Spring
22	710-0599	Hex Wash. Hd. Self Tap Scr.	61	712-0138	Idler Arm Ass'y.
23	717-0383	Clutch Dog Driver	62	712-0130	Hex Cent. L-Nut 1/4-28 Thd.
24	717-0382	Clutch Dog	63	04837	Hex Ins. L-Nut 3/8-16 Thd.
25	04859	Shift Yoke Ass'y.—L.H.	64	736-0237	Variable Speed Brkt. Ass'y.
	04858	Shift Yoke Ass'y.—R.H. (Not Shown)	65	714-0474	FI-Wash. .686 I.D. x 1.25 O.D.
26	721-0162	Gasket—Shift Housing	66	738-0380	Cotter Pin 1/8" Dia. x .75" Lg.*
27	719-0237	Shift Housing—L.H.	67	710-0106	Shld. Scr. 1/2" Dia. x .25" Lg.
	719-0238	Shift Housing—R.H. (Not Shown)	68	712-0324	Hex Scr. 1/4-20 x 1.25" Lg.*
28	741-0862	Detent Ball	69	04841	Hex Ins. L-Nut 1/4-20 Thd.
29	732-0863	Compression Spring	70	710-0623	Control Brkt.
30	720-0143	Grip	71	710-0621	Hex Wash. Hd. Self Tap. Scr.
31	747-0265	Engagement Lever	72	736-0119	Hex Scr. 5/16-18 x .50" Lg.*
32	715-0139	Headed Spiral Pin 3/16 x 13/16" Lg.	73	750-0381	L-Wash. 5/16" Scr.*
33	05034	Bearing Housing	74	05080	Spacer 1.25" O.D. x 13 Ga. x .40
34	741-0155	Ball Bearing	75	756-0296	Friction Wheel Ass'y.
35	710-0650	Hex Tap Tite 5/16-18 x .87" Lg.	76	710-0599	Engine Pulley Ass'y.
36	736-0242	Bell. Wash. .345 I.D. x .88 O.D.	77	04840	Hex Wash. Hd. Self Tap Scr.
37	714-0122	Sq. Key 3/16 x .75" Lg.	78	736-0173	Belt Cover Extension Ass'y.
38	738-0372	Shoulder Spacer	79	712-0117	FI-Wash. 1/4" Scr.
39	710-0502	Hex Self Tap Scr. 3/8-16 x 1.25" Lg.	80	736-0173	Hex Cent. L-Nut 1/4-28 Thd.
40	736-0169	L-Wash. 3/8" Scr.*	81	710-0195	FI-Wash. 1/4" Scr.
41	710-0623	Hex SF Tap Scr. 3/8-16 x .75" Lg.	82	710-0195	Hex Scr. 1/4-28 x .62" Lg.*
42	04820	Transmission Ass'y. Comp.	83	710-0599	Hex Wash. Hd. Self Tap Scr.
			84	714-0118	Sq. Key 1/4" x 1.50" Lg.*
			86	750-0382	Hex Scr. 5/16-18 x 1.75" Lg.*
			87	04863	Spacer
			88	751-0233	Rear Belt Cover Support Brkt.
			89	749-0275	Muffler Deflector
					Vibration Damper

*Standard Hardware Items—May Be Purchased Locally.

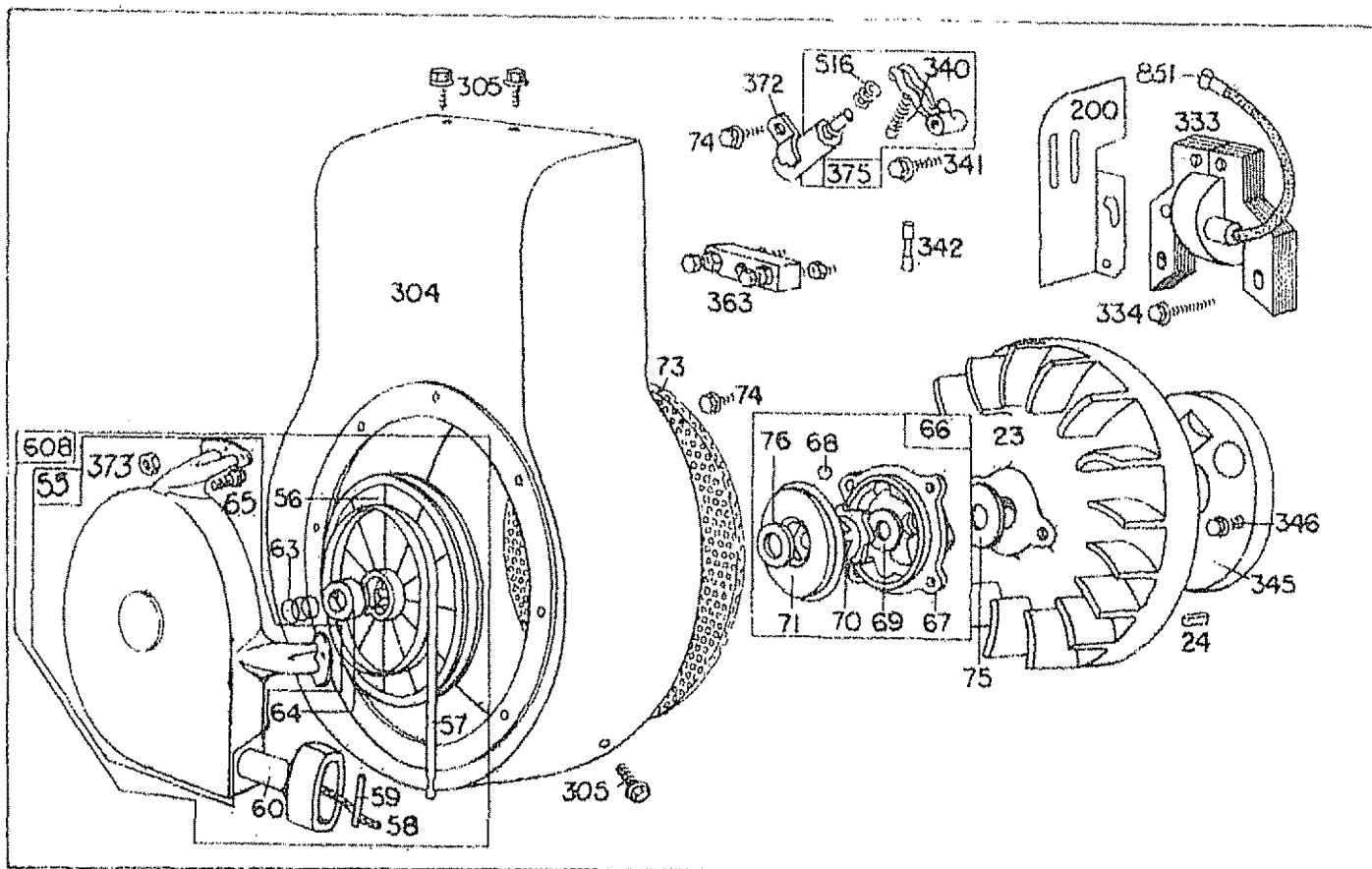
TILLER ACCESSORIES

V-Bar Cultivating Kit
V-Bar Frame
4-pt. Cultivating Tines
Hiller/Furrower
Depth Gauge Wheels
6-Tang Universal Cult.

Cultivating Shields
32" Leveling/Snow-Blade
Wheel Weights
Wheel Weights F/Leveling Snow-Blade
Front Hitch Mount
Tire Chains

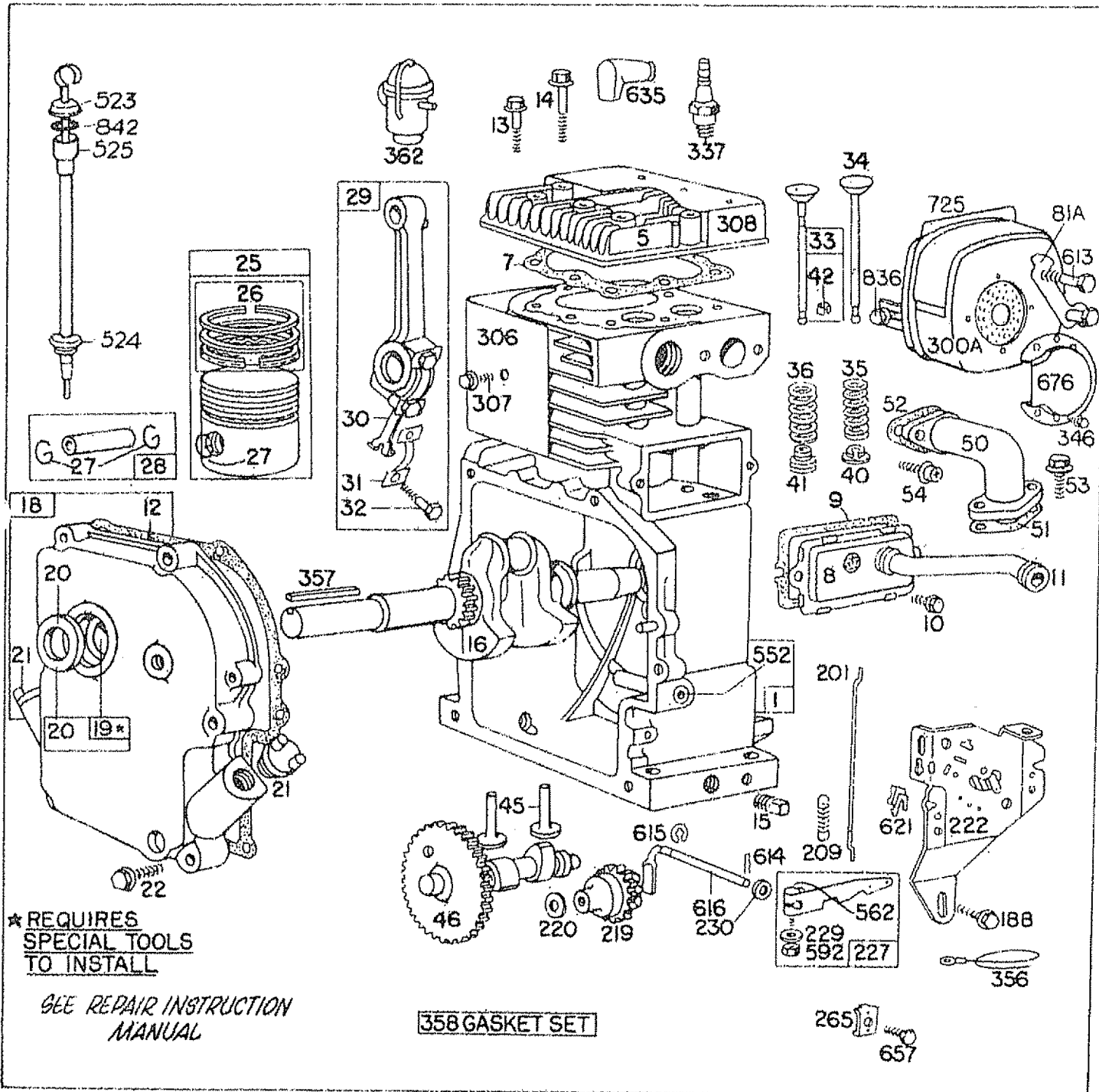
Repair Parts

8-H.P. CHAIN DRIVE TILLER MODEL 247.298780
ENGINE MODEL 190402 TYPE 0944-01



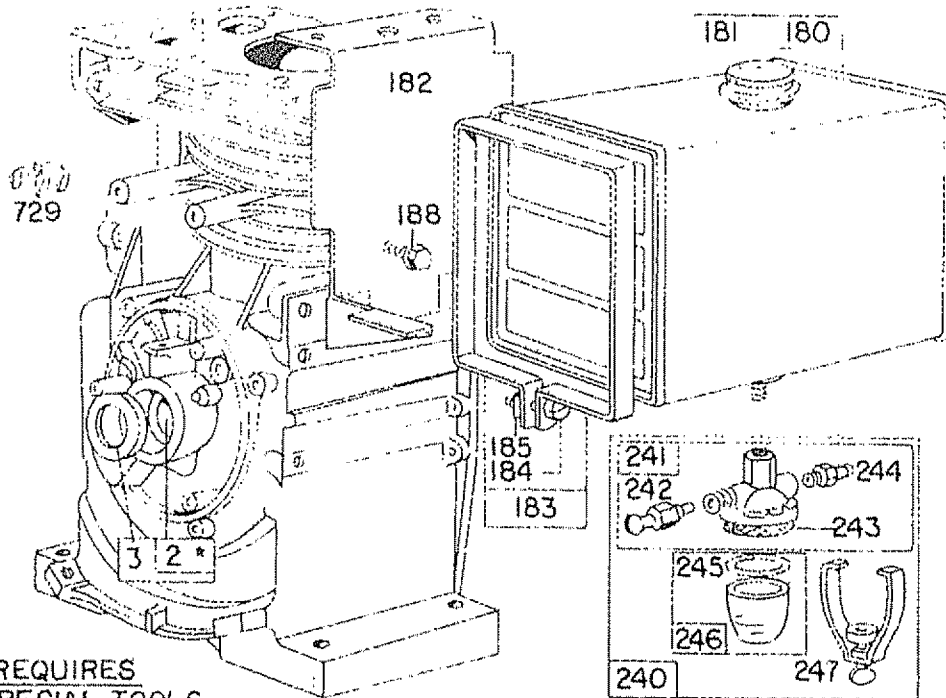
Repair Parts

8-H.P. CHAIN DRIVE TILLER MODEL 247.298780
 ENGINE MODEL 190402 TYPE 0944-01

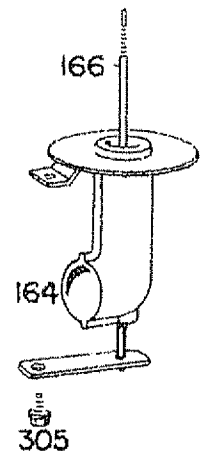
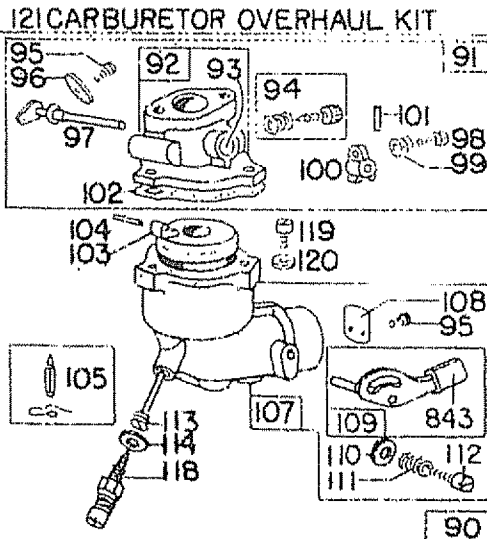
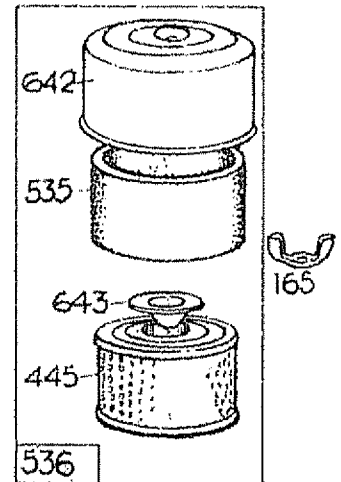
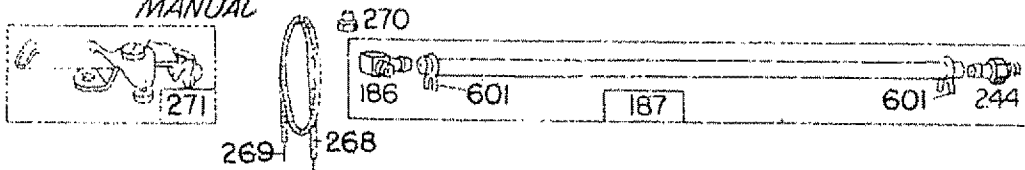


Repair Parts

8-H.P. CHAIN DRIVE TILLER MODEL 247.298780
 ENGINE MODEL 190402 TYPE 0944-01



★ REQUIRES
 SPECIAL TOOLS
 TO INSTALL
 SEE REPAIR INSTRUCTION
 MANUAL



Repair Parts

8-H.P. CHAIN DRIVE TILLER MODEL 247.298780
ENGINE MODEL 190402 TYPE 0944-01

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
1	392001	Cylinder Assembly	31	222114	Lock—Connecting Rod Screw
2	295962	Bushing—Cylinder	32	92659	Screw—Connecting Rod
	Note:	Requires special tools for installation	33	390419	Valve—Exhaust
3	294606	Seal—Oil	34	261055	Valve—Intake
5	211778	Head—Cylinder	35	65906	Spring—Intake Valve
7	*270430	Gasket—Cylinder Hd.	36	26828	Spring—Exhaust Valve
8	390321	Breather Ass'y	40	221596	Retainer—Intake Valve
9	*27803	Gasket—Valve Cover	41	292260	Rotocoil—Exhaust Valve
10	93536	Screw—Sem	42	93630	Retainer—Exhaust Valve
	Note:	93535 Screw—Sem Used to mount Output Bracket			Rotocoil (2)
		Retainer on type No. 0800.	45	260933	Tappet—Valve
11	67068	Tube—Breather	46	210728	Gear—Cam
	Note:	390769 Tube—Breather Used on type Nos. 0638, 0694, 0803, 0810, 0814, 0825.	50	211812	Elbow—Intake
12	*27750	Gasket—Crankcase Cover—1/64" thick	51	*270684	Gasket—Carb. Mtg.
	*27876	Gasket—Crankcase Cover—.005" thick		Note:	270824 Gasket—Carb. Mtg. Used on type Nos. 0800, 0877, 0878.
	*27877	Gasket—Crankcase Cover—.009" thick	52	*27828	Gasket—Intake Elbow Mtg.
13	93113	Screw—Cylinder Head (2-5/16" long)	53	93128	Screw—Carburetor Mtg. Sem
14	93211	Screw—Cylinder Head (2-9/16" long)	54	93208	Screw—Intake Elbow Mtg. Sem
15	91084	Plug—Oil Drain	55	295272	Housing—Rewind Starter
16	261149	Crankshaft	56	295871	Pulley—Rewind Starter
18	391010	Cover Assembly—Crankcase		Note:	Includes 63" rope; if longer rope is required, order rope No. 66894 and cut to required length.
19	295964	Bushing—Crankcase Cover	57	294303	Spring—Rewind Starter
	Note:	Requires special tools for installation.	58	66884	Rope—Rewind Starter—63" long
20	298423	Seal—Oil	59	230228	Pin—Starter Grip
21	66768	Plug—Oil Filler	60	66728	Grip—Starter Rope
22	93585	Screw—Crankcase	63	260414	Spring—Ratchet
23	298260	Flywheel—Magneto	64	230543	Adapter—Ratchet Spring
24	61760	Key—Flywheel	65	93067	Screw—Stamped Steel
25	391673	Piston Ass'y.—Std.			Rewind Starter Housing Mtg. Sem
	391674	Piston Ass'y.—.010" O.S.	66	298798	Clutch Ass'y.—Rewind Starter
	391675	Piston Ass'y.—.020" O.S.	67	211383	Housing—Rewind Starter
	391676	Piston Ass'y.—.030" O.S.			Clutch
MODEL 190400 SERIES PISTON RING SETS:			68	63770	Ball—Clutch
	Note:	For Chrome Ring Set—Std. Size—order No. 299743.	69	66718	Washer—Starter Clutch, Thrust
26	391669	Ring Set—Piston—Std.	70	298799	Ratchet—Rewind Starter
	391670	Ring Set—Piston—.010" O.S.			Clutch
	391671	Ring Set—Piston—.020" O.S.	71	221653	Washer—Retainer
	391672	Ring Set—Piston—.030" O.S.	73	221796	Screen—Rewind Starter
27	68546	Lock—Piston Pin	74	93042	Screw—Sem
28	295840	Pin Ass'y.—Piston—Std.	75	220865	Washer—Spring
	295841	Pin Ass'y.—Piston—.005" O.S.	76	68238	Washer—Ratchet Sealing
29	390401	Rod Ass'y.—Connecting For Connecting Rod with .020" undersize Crankpin Bore—Order No. 390773.	81A	222263	Lock—Muffler Mtg. Screw
	Note:	Dipper—Connecting Rod	90	390323	Carburetor Ass'y. (Manual Choke)
30	222113		91	390404	Body Ass'y.—Upper Carburetor
			92	390503	Body—Upper Carb.
			93	23108	Bushing—Throttle Shaft
			94	†292681	Valve Ass'y.—Carb. Idle

*Included in Gasket Set—Part No. 299577.

†Included in Carburetor Overhaul Kit—Part No. 295938.

Repair Parts

8-H.P. CHAIN DRIVE TILLER MODEL 247.298780
ENGINE MODEL 190402 TYPE 0944-01

REF. NO.	PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION
95	93499	Screw—Throttle and Choke Valve Mtg. Sem	243	22547	Screen—Fuel Filter
96	62940	Valve—Throttle	244	230318	Connector—Fuel Pipe
97	298826	Shaft and Lever—Throttle	245	*68477	Gasket—Fuel Filter Bowl
98	91920	Screw—Machine, Fil. Hd.—8-32 x 5/8"	246	298683	Bowl—Fuel Filter
99	26157	Spring—Throttle Adjustment	247	99665	Yoke—Fuel Filter
100	61967	Stop—Throttle	265	221535	Clamp—Casing
101	93043	Pin—Throttle Stop	268	65616	Casing—Control Wire—72" long
102	†27918	Gasket—Carburetor Body		Note:	If longer casing is required, specify length in inches; if shorter wire is needed, order No. 65616 and cut to required length.
103	99333	Float—Carburetor			
104	†230896	Pin—Float Hinge			
105	299096	Valve—Fuel Inlet			
107	390403	Body Ass'y.—Lower Carburetor	269	26633	Wire—Control—78" long
108	62872	Valve—Choke		Note:	If longer wire is required, specify length in inches; if shorter wire is needed, order No. 26633 and cut to required length.
109	391987	Shaft and Lever—Choke			
110	62899	Washer—Choke Lever			
111	26155	Spring—Choke Lever			
112	23123	Screw—Choke Lever	270	63426	Locknut—Control Wire Casing
113	†390395	Nozzle—Carburetor	271	290568	Lever Ass'y.—Control
114	†68667	Gasket—Nozzle	278	22358	Washer—Flat
118	†99525	Valve—Needle	300A	391313	Muffler—Exhaust
119	90746	Screw—Machine, Fil. Hd.—10-32 x 5/8"	304	299853	Housing—Blower
120	92290	Washer—Lock—No. 10 x 1/16" x 3/64"	305	93158	Screw—Sem
121	295938	Carburetor Overhaul Kit	306	221898	Shield—Cylinder
164	91628	Pipe Ass'y.—Air Cleaner	307	93163	Screw—Cylinder Shield Mtg. Sem
165	93453	Nut—Wing	308	221901	Cover—Cylinder Head
166	392105	Stud—Air Cleaner Strap	333	298968	Armature Ass'y.
180	290816	Tank Ass'y.—Fuel (4 quart)	334	93381	Screw—Armature Mtg. Sem
181	392301	Cap—Fuel Tank	337	293918	Plug—Spark (Resistor Type)
182	221935	Bracket—Fuel Tank	340	26018	Spring—Breaker Arm
183	291367	Strap Ass'y. Fuel Tank	341	93381	Screw—Breaker Arm Mtg. Sem
184	91257	Screw—Machine, Fil. Hd.—1/4-20 x 1 1/2"	342	65704	Plunger—Breaker Point
185	90970	Nut—Square—1/4-20	345	222117	Cover—Breaker Point
186	67218	Connector—Fuel Pipe	346	93705	Screw—Sem
187	391498	Pipe—Fuel (Flexible)	356	299500	Wire—Ground
188	93535	Screw—Sem	357	91540	Key—Pulley
189	90366	Washer—Lock, 5/16 x 1/8 x 1/16"	358	299577	Gasket Set
200	221760	Gulde—Air	363	19165	Puller—Flywheel (Optional Accessory)
201	260872	Link—Governor	372	220477	Clamp—Condenser
209	261126	Spring—Governor	373	92987	Nut—Hex
219	391737	Gear—Governor (Used after Code No. 75060511)	375	294628	Breaker Points and Condenser Set
	Note:	297656 Gear—Governor (Used before Code No. 75060611)		Note:	299061 Ignition Kit Includes: 294628 Point Set 65704 Plunger 61760 Key—Flywheel
220	221551	Washer—Thrust			Cartridge—Air Cleaner
222	390670	Plate—Gov. Control	445	390930	Spring—Connector
227	391965	Lever Ass'y.—Governor	516	260374	Cap and Dipstick—Oil Filler
229	220680	Washer	523	390969	Seal—Filler Tube
230	222450	Washer—Governor	524	68838	Tube—Oil Filler
240	295984	Filter Ass'y.—Fuel	525	390970	Element—Air Cleaner
241	298005	Cover Ass'y.—Fuel Filter	535	270782	Cleaner Ass'y.—Air
242	295913	Valve—Fuel Shut-Off	536	391063	

*Included in Gasket Set—Part No. 299577.

†Included in Carburetor Overhaul Kit—Part No. 295938.

Repair Parts

8-H.P. CHAIN DRIVE TILLER MODEL 247.298780
 ENGINE MODEL 190402 TYPE 0944-01

REF. NO.	PART NO.	DESCRIPTION
552	231056	Bushing--Governor Crank
562	92613	Bolt--Governor Lever
592	231082	Nut--Hex--10-24
601	93053	Clamp--Fuel Pipe
608	295001	Starter Ass'y.--Rewind
613	93704	Screw--Muffler Mtg.
614	93306	Cotter--Hair Pin
615	93307	Retainer--E-Ring
616	231057	Crank--Governor. (1/4" diameter) Used after Code No. 75060511.
	Note:	230842 Crank--Gov. (3/16" dia.) Used before Code No. 75060611.
621	297472	Switch--Stop
635	66538	Elbow--Spark Plug
642	222271	Cover--Air Cleaner
643	222272	Cup--Air Cleaner
657	93496	Screw--Sem
676	222261	Deflector--Exhaust
725	221885	Shield--Heat
729	221907	Clip--Wire
836	93559	Screw--Sem
842	270933	Seal--"O" Ring
843	280149	Sleeve--Choke Lever
851	221798	Terminal--Cable

*Included in Gasket Set--Part No. 299577.

†Included in Carburetor Overhaul Kit--Part No. 295938.

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manual**

**MODEL NO.
247.298780**

**Sears
SERVICE
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HOW TO ORDER REPAIR PARTS

The Model Number will be found stamped on a plate attached to the chassis. Always mention the Model Number when requesting service or repair parts for your tiller.

All parts listed herein may be ordered through SEARS ROEBUCK AND CO or SIMPSON SEARS LIMITED RETAIL or CATALOG STORE.

WHEN ORDERING REPAIR PARTS, ALWAYS GIVE THE FOLLOWING INFORMATION AS SHOWN IN THIS LIST.

1. The PART NUMBER
2. The MODEL NUMBER 247.298780
3. The PART DESCRIPTION
4. The NAME OF MERCHANDISE — Tiller

If the parts you need are not stocked locally, your order will be electronically transmitted to a Sears Repair Parts Distribution Center for expedited handling.

SEARS, ROEBUCK AND CO., Chicago, Ill. 60684 U.S.A.