

SEARS, ROEBUCK AND CO., Chicago, Ill. 60684 U.S.A. and SIMPSONS-SEARS LIMITED, Toronto, Canada

 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



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.
- 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.
- 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.
- 7. Check the tine and engine mounting bolts at frequent intervals for proper tightness.
- 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.

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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

- 3. Gas (regular)
- 4. Cleaning rag



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) ¼" Flat Screwdriver.
- 4. (1) Adjustable Wrench.

MATERIALS REQUIRED:

- 1. Funnel (for gas and oil-NOTE: DO NOT MIX)
- 2. S.A.E.-30 Oll-24 pints

PARTS IN CARTON



FIGURE 1.



H (2) Hex Locknuts 3/8-24 Thread

5

TILLER IDENTIFICATION



ASSEMBLY INSTRUCTIONS

- 1 Handle Assembly
 - A Place the handle assembly in position on the titler 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. Remove depth stake from tiller and preassemble depth stake to drag bar assembly with hex screw (E), flat washer (G) and hex locknut (H). See Figure 5 Tighten nut and bolt, but do not over tighten. Parts must pivot.



Flat washer must go against slot on drag bar assembly.



D. Tip the tiller forward, so it rests on counterweight Slide depth stake up through tiller as shown in figure 6. Pull depth stake adjustment 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 5.



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 ½ inch. See figure 9.



FIGURE 9.



FIGURE 10.

- I Thread ferrule (O) on other end of gear shift rod. See figure 10.
- J Secure ferrule in gear shift lever (as shown in figure 11) with hair pin cotter (K).



FIGURE 11.

- K. To assemble the handle adjustment lever, hook handle adjustment rod (already on handle) into lever. Hook to the outside See figure 12.
- L. Place handle adjustment lever in place on handle and secure with hex screw (F) and locknut (M) See figure 12 Do not over tighten handle adjustment lever must pivot freely.



FIGURE 12.

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 13.



FIGURE 13.

Place throttle control lever up through the handle panel and secure with two self tapping screws (L), using a ¼" flat screwdriver. See figure 14.



FIGURE 14.



Engine is shipped without oil.

ENGINE PREPARATION

1. Before starting. Fill crankcase with 2¼ pints of SAE 30 heavy duty detergent oil. Be sure that engine is level. See figure 15. 2. Change oil after first 2 hours of operation and every 25 hours thereafter. Check oil every 8 operating hours.



FIGURE 15.

3. Fill fuel tank with clean fresh regular grade of gasoline. See figure 16.



FIGURE 16.

ADJUSTMENTS



After all assembly is completed, this final adjustment must be made prior to initial operation.

Gear Shift Rod Final Adjustment

1. Place klick pins in freewheeling position. See figure 17.



FIGURE 17.

- Pull the depth bar adjustment pin and move the depth stake all the way down, so the tines DO NOT touch the ground. See figure 18.
- 3 Block the front wheels as shown in figure 18



FIGURE 18.

- 4. Place the gear shift lever in Neutral (N) position.
- 5. Place the throttle in the Start position.
- 6. Pull choke lever out (if engine is cold).
- 7. Start the engine.
- 8. Engage the gear shift lever through the five gears with the engine running and return to Neutral (N).
- 9. Stop the engine.
- 10. Remove the hair pin from ferrule and pull out of gear shift lever.
- 11. Place gear shift lever in first gear (and pull lever to rear of slot). Adjust the ferrule to fit gear shift lever, and replace the hair pin.

Handle Adjustment Lever. (See figure 19.)



Figure 19 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 19.

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

Additional adjustment for the gear shift rod can be made after the tiller has been in service for a while.



FIGURE 20.

When the belt has become worn and/or stretched or the friction wheel has become worn, make the following adjustment.

1. Move the control bracket to the bottom hole on the pivot horn assembly and readjust the gear shift rod. See figure 20.

CONTROLS

Location and Use.

- 1. Gear Shift Lever: The gear shift lever is located in the center of handle panel.
 - A. Forward (1 thru 5)—Move the lever to the left and forward for each gear. See figure 21.

Do not attempt to shift gears unless engine is running.



FIGURE 21.

- 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.



FIGURE 22.

E. Neutral (N)—Move lever to center detent.
 See figure 22.



FIGURE 23.

- 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 23.
- 2. Throttle Control: The throttle control lever is located on the right hand side of handle panel and controls the engine speed.



FIGURE 24.

- A. Stop—Pull lever back (upward) to stop the engine. See figure 24.
- B. Start-Push throttle control lever forward (down) to start position. See figure 25.



FIGURE 25.

3. Choke: The choke is located on the engine just below the air cleaner. To choke the engine pull the choke lever out. See figure 26.



FIGURE 26.



FIGURE 27.

4. Handle Adjustment: The handle adjustment release is located on the right hand handle bar. See figure 27.



FIGURE 28.



FIGURE 29.





A Squeeze up on handle adjustment lever and place the handle in one of nine (9) positions. See figures 28, 29, 30 and 31



Figure 28 is viewed from the front of tiller for clarity



FIGURE 31.

Your tiller has freewheeling and drive positions.

A Freewheeling position is when the klick pin is placed in the outer hole on wheel shaft, as shown in 32.

Freewheeling is used for transporting the tiller to and from the work area, with the engine off and the gear shift lever in Neutral (N) position



FIGURE 32.

B Drive position is when the klick pin is inserted into the inside hole of wheel shaft (hole in wheel hub) as shown in figure 33.
 Drive position is used for tilling



FIGURE 33.

TO START ENGINE:



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 22.
- 2. Place the throttle control lever in FAST position. See figure 25
- 3 Choke engine. Pull choke lever out. See figure 26. Once the engine starts, push the lever up.
- Stand at side of tiller, grasp the starter handle and pull out rapidly. Return it slowly to the engine. Repeat as necessary. See figure 34.



FIGURE 34.

TILLING



FIGURE 35.

- 1. Adjust the depth stake by pulling the depth stake adjustment pin. Release the depth stake. See figure 35.
- 2. Lower the depth stake for shallow tilling and raise the depth stake for deeper tilling.
- 3. 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.



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 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 :



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. 754-0224 5/8" x 26" 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.

REMOVING AND REPLACING BELTS

1. Remove belt cover remove three bolts, two nuts and two flat washers. See figure 36.



HOT muffler in the area of belt cover Only remove the belt cover when engine is cool



FIGURE 36.

 To remove the front belt (short) pull gear shift lever back to Reverse (R) position and hold. With a 7/16" wrench remove three screws and lockwashers holding the friction disc. See figure 37.



FIGURE 37.

3. Hold the gear shift lever in Reverse (R) position and slip the belt off engine pulley, towards the engine as shown in figure 38.



FIGURE 38

- 4. Place the gear shift lever in one of the forward gears (as far forward as possible).
- 5. Pull the idler pulley down by hand and remove the belt from idler pulley and transmission pulley. See figure 39.



FIGURE 39.

- 6. Remove the forward belt (short) from the variable speed pulley and slip belt off the engine pulley. See figure 40.
- 7. Remove rear belt (long) and replace with new belts



Upon reassembly make sure the short belt is inside the guide pins. See figure 41.



FIGURE 40.



FIGURE 41.

8. Reverse steps 1 through 7 for reassembly.

NOTE

Upon reassembly of friction disc, tighten three screws equally.

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 authorized dealer. (Order Part No. 737-0133.)

Engine:

1. You MUST CHANGE THE OIL in the crankcase after the first two hours of opera-

tion of your new engine and after each 25 hours of use thereafter to ensure proper lubrication of internal parts for trouble free operation and to prevent costly repair due to excessive wear. (Take care to remove dirt around filler plug.) Be sure oil level is maintained full to point of overflowing. See figure 42.



Oil Filler Plug

FIGURE 42.

To change oil remove drain plug (figure 43) and tip the tiller forward while engine is warm. Replace drain plug. Remove oil filler cap and refill with SAE 30 heavy duty detergent oil. Replace filler cap.



FIGURE 43.

- Use only a good grade of fresh, clean, regular gasoline. Do not use gasoline that has been sitting for a long period of time. Stale gasoline may cause engine to run poorly or not at all.
- 3. Keep your engine CLEAN. Wipe off all spilled fuel and oil. Keep the engine clean of foreign matter and be sure the cooling fins on the cylinder are kept clean to permit proper air circulation. You must REMEMBER that this is an air cooled engine and free flow of air is essential to proper engine performance and life.
- 4. Your must SERVICE YOUR AIR CLEANER. The air cleaner prevents damaging dirt, dust, etc. from entering the carburetor and being forced into the engine and is important to engine life and performance.

To remove air cleaner: See figures 44 and 45.

- A. Remove screw.
- B. Remove air cleaner carefully to prevent dirt from entering carburetor.

- C. Take air cleaner apart.
- D. Wash element in detergent and solution by squeezing similar to a sponge



FIGURE 44.

- E Wrap foam in cloth and squeeze dry.
- F. Coat element with two tablespoons of engine oil, squeeze to distribute and remove excess oil. See figure 45.
- G. Wipe air cleaner body with same solution to remove excess oil.
- H. Reassemble (See figure 44.) by inserting element into body and snapping cover into place, fasten to carburetor with screw.



FIGURE 45.

NEVER RUN YOUR ENGINE WITHOUT AIR CLEANER COMPLETELY ASSEMBLED.

Carburetor Adjustment:

- 1. Never make unnecessary adjustments. The factory settings are correct for most applications.
- 2. If adjustments are needed, proceed as follows:

- A. INITIAL ADJUSTMENT. See figure 46. Close needle valve (turn clockwise) then open 1½ turns (turn counterclockwise). This initial adjustment will permit the engine to be started and warmed up before making final adjustment.
- B. FINAL ADJUSTMENT, See figure 46. With engine running at fast operating speed (approximately 3,000 RPM without load) close the needle valve (turn clockwise) until engine starts to lose speed (lean mixture). Then slowly open needle valve (turn counterclockwise) past the point of smoothest operation until engine just begins to run unevenly. This mixture should be rich enough for best performance under load. Hold throttle in idling position. Turn idle speed adjusting screw until fast idle is obtained (1.750 RPM). Test the engine and if it tends to stall or die out, it usually indicates that the mixture is slightly lean and it may be necessary to open the needle valve slightly to provide a richer mixture. This richer mixture may cause a slight unevenness in idling



FIGURE 46.

NOTE

ALWAYS ALLOW SEVERAL SEC-ONDS BETWEEN EACH ADJUST-MENT FOR THE ENGINE CARBU-RETOR TO REACT TO THE NEW SETTING.

3. Never attempt to change maximum engine speed as THIS IS PRESET AT THE FACTORY. Excessive speed, caused by by-passing the governor, can cause extensive damage to your engine.

SPARK PLUG:

1. Remove the spark plug each time you change the oil and inspect it. See figure 47. A. The electrodes should be kept clean and free OF CARBON. The presence of carbon or excess oil will greatly deter proper engine performance.



FIGURE 47.

- B. If possible, check the spark plug gap (area between electrodes) using a wire feeler gauge. This plug gap should be .030.
- 2. If you need a spark plug refer to the parts list for the proper replacement spark plug.

ADJUSTMENT OF THROTTLE CONTROL CABLE

- 1. Place the throttle control lever in stop position.
- 2. Loosen the casing clamp screw and move the throttle control wire in as far as possible.
- 3. Tighten the casing clamp screw. See figure 48.

TIRE PRESSURE

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



FIGURE 48. 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 15.
- 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 gasline 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



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

Repair Parts Transmission 04878

REF.	PART NO	DESCRIPTION	RIF. NO	PART NO.	DESCRIPTION
	741-0155	Ball Bearing	1	736-0329	L-Wash 151 Scr *
2	04822	Transmission Ass / - R H.	12	750-0388 '	Hut Sleeve 3 81 I D x 5/81
3	738-0379	Input Shaft 5/8" Dia			D D x 3∴35 Lg
4	714-0122	Sq. Key 3/16 x 3'13 k [75] Lg	3	748-0164	Flange Brg_ 328 (D. x. 753
5	750-0379	Spacer .637 I D × 781 O D			D D x .75
		x 85° Lg.	Ĺ	713-0226	Chain #50-5 8' Pitch x 52
6	717-0210	Sprocker 97 x 50 Pitch			
7	750-0378	Spacer 337 1 2 > 781 0 D	.5	712-03/51	Hex Cen: L-Mut 3/8-16 Ind
		x 1.44" Lg	۰. b	713-0237	SLOCKEL HUD ASS V.
8	04867	Tine Shaft Asisy.	- f	173-0155	#420 Unats to Prich x 57
ļ 9	2736-0259	FI-Wash 10° ID x 162	1	7-20154	LINKS Montor Link Thi Pitch
Ì	· · · · · · · · · · · · · ·	O D // 09	ð	71.3-0104	
10	1741-0189	O.D x 1 12	U	150-0314	X .68
11	721-0163	Gasket-Housing	4.1	713-0222	Sprocket Assly
12	04821	Transmission Ass y - L H	412	7.18-0184	F ange Brg. 628 D × 753
13	05034	Bearing Housing			O D x 75
14	736-0329	L-Wash 1/4" Scr	43	750-0374	Hub Steeve 38 I D x 625
15	712-0138	Hex Nut 14-28 Thd.*			OD
j 16	721-0102	Seal 1.0" I.D. x 1 38" O E	1.1	7.41-0189	Flange Brg. * 00° 1.D x
17	736-0219	Bell Wash 3/811D.			1.188 O D
18	736-0169	L-Wash 3/8" Scr *	15	736-0259	FI-Wash 1.0 D x 1.62"
19	712-0214	Hex Nu! 3/8-24 TId *			Q.D
20	04872	Side Plate	16	04873	Axle Shart Ass'y.
21	736-0219	Bell Wash 3/8 D	47	713-0225	#420 Chain 15' Pitch > 42
22	736-0169	L-Wash 3/8" Scr *			Links Endless
23	710-0411	Hex Scr. 3/8-16 × 4.00" Lg.*	48	750-0314	Spacer 1.0 TU x 20 0.0
24	710-0601	Hex Taptite 5/16-18 x 75	19	710-0195	Hex SCr 14-28 X 162 Lg.
		Lg.	50	736-0219	Belleville Wash
25	736-0242	Bell Wash	51	710-0629	Hex SCF 378-24 X 2 75 Lg.
		U.D.	52	736-0159	HI-VVASR 5/16 SCL
26	/21-0162	Gasket-Side Plate	53	736-0119	L-WASH D/ 10 DCT.
29	721-0102		54	110-0627	mex L-SCF 0110-24 X ./D
30	1712-0138	mex NUL 4-28 IND.	55	756-0297	Input Puliey—Transmission

*Standard Hardware Items—May Be Purchased Locally.



	REF. NO.	PART NO.	DESCRIPTION	REF	PART NO.	DESCRIPTION
$ \begin{array}{c} x. 50^{\circ} Lg. \\ 746-0304 \\ 747-0255 \\ 747-0255 \\ 747-0256 \\ 757-076 \\ 747-0256 \\ 757-076 \\ 747-0256 \\ 757-076 \\ 747-0256 \\ 757-076 \\ 747-0256 \\ 757-076 \\ 757-076 \\ 757-076 \\ 757-076 \\ 757-076 \\ 757-076 \\ 757-076 \\ 757-076 \\ 757-076 \\ 757-076 \\ 757-076 \\ 757-076 \\ 757-076 \\ 757-$	1	710-0227	Hex Wash Hd Tan Sor. #8	50	736-0119	L-Wash_ 5/16" (Scr.*
	_		x .50" Lg.*		04850	Handle Positioner Ass'y
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	2	746-0304	Enrottle Control Assly	52	736-0169	L-Wash. 3/8 SCF
3 174-0225 Handle Lock Hod 54 174-0474 Couler Hin Hole In Hinde Jack Xi3 5 739-0266 Handle – L.H. 55 736-0290 FL-Wash 630 I D x 1.0° O D, x .063 7 712-0107 Hex Cent L-Nut 1-20 Th 1 56 736-0290 FL-Wash 5/16 Scr.* 8 04830 Clutch Grup 57 738-0258 Shid. Scr. 50 · 2.5 9 04831 Handle Let Handle Asiy 58 736-0105 Bellewille Wash 17 720-0183 Ball Knob 3/8-16 Ind 710-0621 Hex Wash Hd Self Tap Scr. 3'8-16 x .75' Lg.* 17 736-010 FL-Wash 61 710-0216 Hex Scr. 3/8-16 x .75' Lg.* Control Brits 17 732-0103 Harl Pin Cotter 61 710-0216 Hex Scr. 3/8-16 x .75' Lg.* Cotter Pin 1/8'' Dia x .10'' LWash 3/8'' Scr.* LWash 3/8'' Scr.* 18 710-0234 Hex Nut 3/8-24 Thd.* 64 747-0276 Cotter Pin 1/8'' Dia x .75'' Lg.* Cotter Pin 1/8'' Dia x .75'' Lg.* Cotter Pin 1/8'' Dia x .75'' Lg.* 17 747-0252 Depth Bar 710 747-0276 Gear Shift Rod Rod End 3/8-24 Thd.*			Comp.	53	712-0110	Cottor Dup 1/9" Dip # 75"
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	3	747-0255	Handle Lock Hod	24	1714-0474	
5 749-0268 Grip 1.5 736-0250 File 7 712-0107 Hex Cen: L-Nut 3: -20 Th1 56 736-0119 L-Wash. 5/16 Scr.* 9 04830 Clutch Grip 57 738-0250 Shid. Scr. 50 - 25 9 04831 Handle Funel -ss 58 736-0105 Bellewille Wash Handle -L.H 17 720-0183 Ball Knob 3/8-16 Thd 59 710-0623 Hex Wash Hd Sell Tap Scr 17 720-0183 Ball Knob 3/8-16 Thd 61 710-0621 Hex Wash Hd Sell Tap Scr 18 714-0104 Hair Pin Cotter 61 710-0621 Hex Scr 3/8-16 x 150° Lg 66 714-0115 Corn rol Brk: 17 72-0214 Hex Nut 3/8-24 Thd.* 64 04736 The Sheld Ass y The Sheld Ass y 19 714-0115 Cotter Pin 1:6° Dia x 1:00° 167 714-0474 Cotter Pin 1:8° Dia x 1:75° Lg.* 20 732-0306 Compression Spring 65 04806 Pin'ct Horn Ass'y. 21 747-0252 Depth Bar Algustnert Pin 67 747-0278 Gear Shift Rod Lg.*	• 4	710-0136	Hex Scr (4-20 × 175 Lg	66	0000 255	LU. Flikkoch 620 LD
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1 120107 Hex bein 1242 for 22 for 24 for	20	720-0100		66	738 0110	L-Wash 5/16" Scr.*
0 0 0 0 0 0 10 749-026 Belleville Wash Handle - L.H 10 749-026 Handle - L.H 19 710-0623 Handle - X-H 38-16 X.75 Lg. 12 04892 Clutch Handle Assy. 60 04841 Conrol Brk 13 714-0104 Hair Pin Cotter 61 710.0601 Hex Wash. Hd. Sell Tap Scr 14 736-0103 Fl-Wash 62 710.0216 Hex Wash. Hd. Sell Tap Scr 15 732-0193 Compression Spring 66 714.0115 Cotter Pin 1/8" Dia x 1.03" 16 712-0214 Hex Nor 3/8-16 X 1.50" L 1 66 714.0147 Cotter Pin 1/8" Dia x 1.75" 170-0344 Hex Scr 3/8-16 X 1.50" L 1 66 714-0474 Cotter Pin 1/8" Dia X .75" 171 174-0226 Depth Bar Adjustmert Pin 69 747-0278 Ged Shill Rod 174-70256 Depth Bar Adjustmert Pin 69 747-0278 God End 3/8-2 Tnc. Pinct Horn Ass'y. 174 747-0256 <td< td=""><td>2 2</td><td>012-0107</td><td>Clutch Gra</td><td>20 87</td><td>738.0258</td><td>Shid Set 50×25</td></td<>	2 2	012-0107	Clutch Gra	20 87	738.0258	Shid Set 50×25
740-0269 Handle – L.H 39 710-0223 Hax Wash Hd. Self Tap Scr. 11 720-0183 Ball Khob 3/8-15 hd 39 710-0223 Hax Wash Hd. Self Tap Scr. 13 714-0104 Hair Pin Cottier 61 710-0623 Hax Wash Hd. Self Tap Scr. 14 736-010 FI-Wash 62 710-0621 Hex Wash. Hd. Self Tap Scr. 15 732-0193 Compression Spring E8 63 714-0115 Cotter Pin 1/8" Dia x 1.00" 16 712-0214 Hex Nut 3/8-24 Thd.* 66 726-0169 L-Wash 3 5" Scr.* 19 714-0115 Cotter Pin 1/8" Dia x 1.00" 107 714-0474 Cotter Pin 1/8" Dia x 7.5" 20 732-0306 Compression Spring 66 736-0169 L-Wash 3 5" Scr.* 1.9" 21 747-0256 Depth Bar Adjustment Pin 69 747-0278 Gear Shift Rod 710-0623 24 710-0623 Hex Wash. Hd. Self Tap Scr. 73 711-0652 Compression Spring Cotter Pin 1/8" Dia. x 7.5" 23 04804 Tine Shield Hinge Flap '1 04812 Pivot Bard 3/8" Scr.* 73 712-0278 </td <td>a</td> <td>04030</td> <td>Handle Panel 15%</td> <td>F,R</td> <td>736 0105</td> <td>Belleville Wash</td>	a	04030	Handle Panel 15%	F,R	736 0105	Belleville Wash
11720-0183 (204892)Ball Knob 3/8-16 ind Cluich Handle Assiy.6004841 (204892)Oan rol Briv (2017)1204482 (2147)Cluich Handle Assiy.6004841 (217)Oan rol Briv (217)Oan rol Briv (217)14736-0101 (217)Fi-Wash (217)62710-0216 (217)Hex Scr. 3/8-16 x 7.5° Lg.* (217)15732-0190 (217)O.D. 5. 81 Lg (217)63714 0115 (217)Cotter Pin 1.8° Dia x 1.00° (217)16712-0214 (217)Hex Nut 3/8-24 Thd.* (217)65712 0130 	10	749-0269	Handle- (H	FQ	710-0623	Hex Wash Hd Self Tap Scr
12 Diago2 Clurch Handle Ass'y. 60 04841 Con rol Brits 13 714-0104 Hair Pin Cotter 61 710.0601 Hex Wash. Hd. Self Tap Scr. 15 732-0193 Compression Spring E8 63 714 0115 Cotter Pin 1/8" Dia x 1.00" 16 712-0214 Hex Nut 3/8-24 Thd.* 64 04736 The Shield Ass'y. 16 712-0214 Hex Nut 3/8-24 Thd.* 64 04736 The Shield Ass'y. 17 04833 Depth Bar 66 732-0169 Lowsh. 36." Ser.* Cotter Pin 1/8" Dia x 1.00" Lg.* 19 714-0115 Cotter Pin 1/8" Dia x 1.00" Gr.* 714-0474 Cotter Pin 1/8" Dia x .75" Lg.* 20 732-0306 Compression Spring B6 04806 Pivct Horn Ass'y. Pivct Horn Ass'y. 21 747-0256 Depth Ear Adjustmert Pin 97 723-0156 Rod End 3/8-24 Thd. Pivct Horn Ass'y. 23 04804 Tine Shield Hinge Flap 71 04812 Pivct Horn Ass'y. Pivct Horn Ass'y. 24 710-0623 Hex Wash. Hd. Self Tap Scr. 73 711-066	11	720-0183	Ball Knob 3/8-16 Thd	••		3'8-16 x 75" La
13 714-0104 Hair Pin Cotter 61 710 0601 Hax Wash. Hd. Self Tap Scr. 14 736-0101 FI-Wash 62 710-0216 Hex Wash. Hd. Self Tap Scr. 15 732-0193 Compression Spring 62 710-0216 Hex Scr. 3/8-16 x 1.50° Lg.* 16 712-0214 Hex Nut 3/8-24 Thd.* 64 04796 Time Shield Assiy 17 0.483.3 Depth Bar 65 712-0136 Hex Ins. L-Nut 3/8-16 Thd. 18 710-0256 Compression Spring 65 04806 Pivct Horn Assiy. 17 742-0256 Depth Ear Adjustmert Pin 69 747-0278 Gear Shift Rod 17 747-0256 Depth Ear Adjustmert Pin 69 747-0278 Hex Ins. L-Nut 5/8-16 Thd. 17 740-0623 Hex Wash. Hd. Self Tap Scr. 72 711-0663 Locking Pin 26 710-0623 Hex Wash. Hd. Self Tap Scr. 73 714-0474 Cotter Pin 1/8° Dia.x 1.50° 27 736-0169 L-Wash. 3/8° Scr * 77 747-0254 Lower Handle Control Rod 27 736-0169 L-Wash. 3/8° Scr *	112	04892	Glutch Handle Assiv.	€O	04841	Con rol Brka
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15732-0193 0.D \times 81 LgCompression Spring 88 0.D \times 81 Lg63714 0115 0.D \times 81 LgCotter Pin 1/8" Dia x 1.00" Lg16712-0214 Hex Nut 3/8-24 Thd.*6404736 65Tirre Shield Assly Hex Ins L-Nut 3/8-16 Thd.1704833 04804Depth Bar Cotter Pin 1.8" Dia x 1.00" Lg65736-0169 65Hex Nas 2.Nut 3/8-16 Thd.20732-0306 2 747-0252Compression Spring Ug *6804806 6747-0278Depth Ear Adjustment Pin 696804806 70Pivct Horn Assly. Gear Shift Rod Cotter Pin 1/8" Dia x 7.5" Lg.*21747-0252 747-0252Hinge Rod Hex Wash. Hd. Self Tap Scr. 3/8-16 x.75" Lg73711-0633 732-0132Pivct Brkt. Assly. Compression Spring 72Pivct Brkt. Assly. 7224710-0623 710-0623Hex Wash. Hd. Self Tap Scr. 3/8-16 x.75" Lg76738-0253 76Bell Wash 5/65 LD x 1.00" 0.D. Lower Handle Control Rod Push Cap 3/8" Rod27736-0169 740-0254L-Wash 3/8" Scr.* 12877747-0254 76Lower Handle Control Rod Push Cap 3/8" Rod28742-0137 Tine—L.HTine Adapter Assly Lg86748-0253 712-0271Pivot Handle Link Has Nut 3/8-24 Thd.*38714-0154 Hex Scr. 3/8-24 x 1.25" Lg.*87746-0305 76Pivot Handle Link Bushing Wash Strid. Scr. 500" Dia x .660 Code1934710-0191 Hex Scr. 3/8-24 x 1.25" Lg.*87746-0305 76Pivot Handle Link Bushing Wash Strid. Scr. 500" Dia x .66035742-0197 	14	736-0101	FI-Wash	62	710-0216	Hex Scr. 3/8-16 x 75" Lg.*
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	15	732-0193	Compression Spring 88	63	714-0115	Cotter Pin 1/8" Dia x 1.00"
16 712-0214 Hex Nut $3/8-24$ Thd * 4a 04736 Time Shield Ass'y. 17 04833 Depth Bar 65 712-0130 Hex Ins. L-Nut $3/8-16$ Thd. 18 710-0344 Hex Scr $3/8-16 \times 1.50^{-1}$ Lg * 66 736-0169 L-Wash $3 \in S \cdot Scr. *$ 19 714-0115 Cotter Pin 1.8" Dia $\times 1.00^{-1}$ 67 736-0169 L-Wash $3 \in S \cdot Scr. *$ 20 732-0306 Compression Spring 68 04806 9747-0278 Gear Shift Rod 21 747-0252 Hinge Rod '0 723-0156 Rod End $3/8-2^{-1}$ Tnc. 23 04804 Tine Shield Hinge Flap '1 04812 Pivct Brkt. Ass y. 22 710-0623 Hex Wash. Hd. Self Tap Scr. '73 711-0663 Locking Pin 25 736-0169 L-Wash $3/8^{-5}$ Scr.* '76 736-0253 Belt. Wash. 50/5 LE. x 1.00" O.D. 26 736-0101 FI-Wash. 3/8" Scr.* '77 '726-0106 Push Cap Dush Cap 27 736-0101 FI-Wash. 3/8" Scr.* '77 '726-0106 Push Cap Dush Cap 20			0.D. > .81 Lg	1		Lg.t
170.4833 18Depth Bar65712-0130 565Hex Ins. L-Nut 3/8-16 Thd. L-Wash 3 E" Scr *18710-0344 2014Hex Scr 3/8-16 x 1.50 Lg.*65736-0169 667L-Wash 3 E" Scr *19714-0115 Lg.*Cotter Pin 1.8" Dia x 1.00 ' Lg.*67714-0474 10.4"L-Wash 3 E" Scr *27732-0306 Lg.*Compression Spring Hex Radjustment Pin Ass'y.6804806 69Pivct Horn Ass'y. Gear Shift Rod21747-0256 A 85'y.Depth Bar Adjustment Pin Ass'y.69747-0278 723-0156Gear Shift Rod24747-0252 A 85'y.Hex Wash. Hd. Self Tap 'Scr. 3/8-16 x .75" Lc.711-0663 73Locking Pin Lg.*Dotter Pin 1/8" Dia. x .75" Lg.*25736-0169 3/8-16 x .75" Lc. 3/8-16 x .75" Lc.76714-0474 73Cotter Pin 1/8" Dia. x .75" Lg.*26736-0169 736-0101L-Wash 3/8" Scr.* 747-025476736-0253 742-0130Bell. Wash. 505 L E. x 1.00" O.D.27736-0169 1004879L-Wash. 3/8" Scr.* Lg.*77747-0254 726-0106Lower Handle Control Rod Push Cap 3/8" Rod Hex Nut 5/16-18 Thd.*29742-0197 716-0423Lg.* Lg.*712-0130 Hex Ins L-Nut 3/8-16 Thd.*7720742-0197 11ne—L.H84738-0143 81d. Scr. 500 ' Dia. x .36020Hex Nut 3/8-16 Thd.* Lg.*87746-0116 8148221Jawein Sale Scr.* 10-0458Lg.*23742-0197 11ne—L.H84738-0143 81d. Scr.* </td <td>16</td> <td>712-0214</td> <td>Hex Nut 3/8-24 Thd.*</td> <td>614</td> <td>04796</td> <td>Tirie Shield Ass'y</td>	16	712-0214	Hex Nut 3/8-24 Thd.*	614	04796	Tirie Shield Ass'y
18 710-0344 Hex Scr 3/8-16 x 1.50 ' Lg ' 66 736-0169 L-Wash 3 8'' Scr ' 19 714-0115 Cotter Pin 1/8'' Dia x 1.00 ' 67 714-0474 Cotter Pin 1/8'' Dia x .75'' 20 732-0306 Compression Spring 68 04806 Pivct Horn Ass y. 21 747-0252 Hinge Rod '0 723-0156 Pivct Brkt. Ass y. 23 04804 Tine Shield Hinge Flap '1 04812 Pivct Brkt. Ass y. 24 710-0623 Hex Wash. Hd. Self Tap 'Scr ' 73 711-0663 Locking Pin 25 736-0169 L-Wash 3/8''Scr ' 76 736-0253 Bell. Wash 5/6' LC. x 1.00'' 27 736-0169 L-Wash. 3/8''Scr ' 77 747-0254 Lower Handle Control Rod 26 736-0101 Fl-Wash. 3/8-16 x.75'' Lc 76 736-0253 Bell. Wash. 5/6'' LC. x 1.00'' 27 736-0101 Fl-Wash. 78'' Tag '26-0111 Push Cap 3/8'' Rod Push Cap 3/8'' Rod 31 04879 Drag Bar Ass'y. 79 726-0116 Push Cap 3/8'' Rod 32 04683 Outer Tine Adapt	17	04833	Depth Bar	į 65	712-0130	Hex Ins. L-Nut 3/8-16 Thd.
19714-0115Cotter Pin 1.8" Dia x 1.00' Lg *(i7714-0474Cotter Pin 1.8" Dia x 1.75 Lg *20732-0306Compression Spring6804806Pivet Horn Ass'y.21747-0252Hinge Rod'0723-0156Rod End 3/B-24 Tnc.2304804Tine Shield Hinge Flap'104812Pivet Brkt. Ass y.24710-0623Hex Wash. Hd. Self Tap Scr.73711-0663Looking Pin25736-0169L-Wash 3/8" Scr *'75714-0474Cotter Pin 1.78" Dia x .75"26710-0623Hex Wash. Hd. Self Tap Scr.'76736-0253Cotter Pin 1.78" Dia x .75"27736-0169L-Wash. 3/8" Scr *'76736-0253Cotter Pin 1.78" Dia x .75"28736-0169L-Wash. 3/8" Scr *'76736-0253D.D.29712-0130Hex Ins L-Nut 3/8-16 Th 178726-0116Push Cap2004879Drag Bar Ass'y.'71'747-0254Lower Handle Control Rod200483Outer Tine Adapter Ass'y80712-0158Hex Nut 5/16-18 Thd.*2004857Outer Tine Adapter Ass'y.81736-0289Pivot Handle Erg3004857Outer Tine Ass'y. Comp -86736-0139Hex Nut 5/16-18 Thd.*3104857Outer Tine Ass'y. Comp -86736-0139Hex Nut 5/16-18 Thd.*3204857Outer Tine Ass'y. Comp -86736-0139Hex Nut 5/16-18 Thd.*34711-0599Lewsh. 3/8" Scr * <t< td=""><td>18</td><td>710-0344</td><td>Hex Scr 3/8-16 x 1.50 Lg</td><td>66</td><td>736-0169</td><td>L-Wash 3 8" Scr."</td></t<>	18	710-0344	Hex Scr 3/8-16 x 1.50 Lg	66	736-0169	L-Wash 3 8" Scr."
$ \begin{array}{c} Lg^* \\ Lg^* \\ 27 \\ 732-0306 \\ 21 \\ 747-0256 \\ 22 \\ 747-0256 \\ 23 \\ 04804 \\ Tine Shield Hinge Flap \\ 48 \\ 710-0623 \\ 18 \\ 18 \\ 710-0623 \\ 18 \\ 18 \\ 710-0623 \\ 18 \\ 18 \\ 710-0623 \\ 18 \\ 18 \\ 18 \\ 710-0623 \\ 18 \\ 18 \\ 18 \\ 710-0623 \\ 18 \\ 18 \\ 18 \\ 18 \\ 18 \\ 18 \\ 18 \\ 1$	19	714-0115	Cotter Pin 178" Dra x 1.00"	(i7	714-0474	Cotter Pin 1/3" Dia. x .75"
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21 747-0256 Depth Ear Adjustmer1 Pin 69 747-0276 Gdar's Diff Hod 22 747-0252 Hinge Rod '0 723-0156 Rod End 3/8-24 Tnc. 23 04804 Tine Shield Hingt Flap '1 04812 Pivot Brkt. Ass y. 24 710-0623 Hex Wash. Hd. Self Tap Scr. 73 711-0663 Looking Pin 25 736-0169 L-Wash 3/8" Scr.' 75 714-0474 Compression Spring 25 736-0169 L-Wash. 3/8" Scr.' 76 736-0253 Bell. Wash. 505 L.D. x 1.00" 26 710-0623 Hex Wash. 14. Self Tap Scr. 77 747-0254 Lower Handle Control Rod 27 736-0169 L-Wash. 3/8" Scr.* 76 736-0253 Bell. Wash. 505 L.D. x 1.00" 27 736-0101 Fl-Wash. 77 747-0254 Lower Handle Control Rod 20 Magne Ass'y. 79 726-0106 Push Cap 78 20 Jage Ass'y. 79 726-0106 Plivot Handle Erg 20 Vata Strine Adapter Ass'y 81 748-0216 Plivot Handle Link 20	20	732-0306	Compression Spring	68	04806	Pivet Horn Ass y.
22 $(747-0252)$ Hinge Hod10722-0156Hod End 3/8-24 ThC.2304804Tine Sheld Hinge Flap104812Pivet Brkt. Ass y.24710-0623Hex Wash. Hd. Self Tap Scr73711-0663Locking Pin25736-0169L-Wash 3/8' Scr'75714-0474Compression Spring26736-0169L-Wash. 3/8''Scr'76736-0253Bell Wash. 505 LC. x 1.00''27736-0169L-Wash. 3/8''Scr'76736-0253Bell Wash. 505 LC. x 1.00''27736-0169L-Wash. 3/8''Scr'77747-0254Lower Handle Control Rod29712-0130Hex Ins L-Nut 3/8-16 Thd78726-0106Push Cap 3/8'' Rod2004879Drag Bar Ass'y.79726-0106Push Cap 3/8'' Rod200483Outer Tine Adapter Ass'y.80712-0158Hex Nut 5/16-'8 Thd.*2011004857Outer Tine Adapter Ass'y.81748-0516Pivot Handle Brg.2111-0599Clevis Pin 3/8'' Dia. x 1.75''204819Pivot Handle Link25742-0197Tine-L.H84736-0143Shid. Scr. 500' Dia. x .3603704857Outer Tine Ass'y. Comp -86736-0143Shid. Scr. 500' Dia. x .3603704857Outer Tine Ass'y. Comp -87710-0458Carr. Bolt 5/16-18 x 1.75''38736-0169L-Wash. 3/8'' Scr *10-0458Carr. Bolt S/16-18 x 1.75''L939712-0241Hex Nut 3/8-16 Thd.*86 <td>21</td> <td>747-0256</td> <td>Depth Bar Adjustment Pin</td> <td>69</td> <td>/4/-02/8</td> <td>Gear Shift Hod</td>	21	747-0256	Depth Bar Adjustment Pin	69	/4/-02/8	Gear Shift Hod
23 04804 The Sheid Hingé Flap 11 04812 First Dist. Assly. 24 710-0623 Hex Wash. Hd. Self Tap Scr. 73 711-0663 Looking Pin 25 736-0169 L-Wash 3/8" Scr.' 76 732-0132 Compression Spring 26 710-0623 Hex Wash. Hd. Self Tap Scr. 76 736-0169 L-Wash. 3/8" Scr.' 26 736-0169 L-Wash. 3/8" Scr.' 76 736-0253 Bell. Wash. 505 LD. x 1.00" 27 736-0169 L-Wash. 3/8" Scr.' 76 747-0254 Lower Handle Control Rod 29 712-0130 Hex Ins. L-Nut 3/8-16 Th 1 78 726-016 Push Cap 78 20 04879 Drag Bar Ass'y. 79 726-016 Push Cap 3/8" Rod Push Cap 3/8" Rod 31 04909 Inner Tine Adapter Ass'y 80 712-0158 Hex Nut 5/16-18 Thd.* 32 04683 Outer Tine Adapter Ass'y 80 736-0143 Shid. Scr500* Dia. x .360 35 742-0197 Tine—L.H 84 736-0143 Shid. Scr500* Dia. x .360 36 70-0191 Hex Scr. 3/8-24	22	747-0252	Hinge Hod	10	123-0150	Rod End 375-24 10C.
Ass y.72712-021Hex Mis Levit 3/5-16 Hid.24710-0623Hex Wash. Hd. Self Tap Scr.73711-0663Locking Pin25736-0169L-Wash 3/8" Scr '75714-0474Cotter Pin 1/8" Dia. x .75"26710-0623Hex Wash. Hd. Self Tap Scr.76714-0474Cotter Pin 1/8" Dia. x .75"27736-0169L-Wash. 3/8" Scr '76736-0253Bell. Wash. 505 LD. x 1.00"28736-0101FI-Wash.77747-0254Lower Handle Control Rod29712-0130Hex Ins L-Nut 3/8-16 Th 178726-0116Push Cap3004879Drag Bar Ass'y.79726-0106Push Cap 3/8" Rod3104909Inner Tine Adapter Ass'y80712-0158Hex Nut 5/16-'8 Thd '3204683Outer Tine Adapter Ass'y81736-0289Bushing Wash34711-0599Clevis Pin 3/8" Dia. x 1 75"8204819Pivot Handle Erg.3714-0197Tine-L.H84738-0143Shid. Scr. 500' Dia. x .36036742-0197Tine Ass'y. Comp -86736-0119L-Wash 5/16-'18 Thd.*39712-0241Hex Nut 3/8-24 Thd.*8604792Hardle Mig. Brkt. Ass'y.39712-0214Hex Nut 3/8-24 Thd.*86746-0305Conduit and Wire41742-0198Tine-R.H92748-0150Sleeve Brg .50.1D. x .6239712-0130Hex Nut 3/8-16 Thd.92712-0181Hex Top L-Nut 3/8-16 Thd. <t< td=""><td>23</td><td>04804</td><td>Ine Shield Hings Flap</td><td>70</td><td>710 0001</td><td>How los 2 Nut 5/9:16 Thd</td></t<>	23	04804	Ine Shield Hings Flap	70	710 0001	How los 2 Nut 5/9:16 Thd
24 710-0523 Hex Wash, Hd. Self Tap Sci. 731-0535 Compression Spring 25 736-0169 L-Wash, 3/8" Scr.' 75 714-0474 Contression Spring 26 710-0623 Hex Wash, Hd. Self Tap Scr. 76 736-0169 L-Wash, 3/8" Scr.' Lg.' 27 736-0169 L-Wash, 3/8" Scr.' 76 736-0253 Bell. Wash. 505 L.D. x 1.00" 28 736-0101 F1-Wash. 77 747-0254 Lower Handle Control Rod 29 712-0130 Hex Ins L-Nut 3/8-16 Thd. 78 726-0106 Push Cap 3/8" Rod 31 04909 Inner Tine Adapter Ass'y. 90 726-0106 Pivot Handle Erg Pivot Handle Erg 34 711-0599 Clevis Pin 3/8" Dia. x 1 75" 82 048819 Pivot Handle Erg 35 742-0197 Tine—L.H 84 738-0143 Shid. Scr. 500° Dia. x .660 36 710-0191 Hex Scr. 3/8-24 x 1.25" Lg.* 85 742-017 Hex Nut 5/16-18 x 1.75" Lg. 37 04857 Outer Tine Ass'y. Comp – 86 746-0305 Carr. Bolt 5/16-18 x 1.75" Lg.			ASS'Y.	1 .2	711 0660	Locking Pin
376-169 $1.576-163$ 1.757 $1.757-1632$	24	1710-0623	nex wash, nu, sell rap but	10	1722-0122	Compression Spring
25710-0623Hex Wash. Hd. Self Tap Scr. 3/8-16 x .75" Lç.76736-0253Bell. Wash. 5(5 L.D. x 1.00" O.D.27736-0169L-Wash. 3/8" Scr *77747-0254Lower Handle Control Rod28736-0101FI-Wash.77747-0254Lower Handle Control Rod29712-0130Hex Ins L-Nut 3/8-16 Thd78726-0106Push Cap3004879Drag Bar Ass'y.79726-0106Push Cap 3/8" Rod3104909Inner Tine Adapter Ass'y80712-0158Hex Nut 5/16-78 Thd.*3204683Outer Tine Adapter Ass'y81748-0516Pivot Handle Brg.34711-0599Clevis Pin 3/8" Dia. x 1 75"8204819Pivot Handle Brg.35742-0197Tine—L.H84736-0143Shid. Scr. 500' Dia. x .66036710-0191Hex Scr. 3/8-24 x 1.25" Lg.*85712-0267Hex Nut 5/16-18 Thd.*3704857Outer Tine Ass'y. Comp - L.H.87710-0458Carr. Bolt 5/16-18 x 1.75"38736-0169L-Wash. 3/8" Scr.*Lg.12.12.39712-0241Hex Nut 3/8-24 Thd.*8504792Handle Mig. Brkt. Ass'y.41742-0198Tine—R.H97710-0152Hex Scr. 3/8-24 x 1.00" Ig.*4204855Inner Tine Ass'y. Comp - L.H.92748-0150Sleeve Brg. 50 I.D. x .6246736-0169L-Wash. 3/8" Scr.*07711-0198Ferrule47712-0130Hex Ins. L-Nut 3	OF	726 0160	5/0-10 X .70 LL L.Mach 2/8" Sor '	76	714-0474	Cotter Pin 1/8' Dia x 75"
20 710-00260 110x 10x 110x 10x 110x 10x 10x 10x 10x 1	25	710-0623	Hey Wash Hd Self Tan Scr		714-0474	
27736-0169L-Wash. 3/8" Scr*O.D.28736-0101FI-Wash.77747-0254Lower Handle Control Rod29712-0130Hex Ins L-Nut 3/8-16 Th 178726-0111Push Cap3004879Drag Bar Ass'y.79726-0106Push Cap 3/8" Rod3104909Inner Tine Adapter Ass'y80712-0158Hex Nut 5/16-*8 Thd.*3204683Outer Tine Adapter Ass'y81748-0516Pivot Handle Erg.34711-0599Cievis Pin 3/8" Dia. x 1 75"8204819Pivot Handle Link10Lg83736-0289Bushing WashShid. Scr. 500* Dia. x .66036710-0191Hex Scr. 3/8-24 y 1.25" Lg.*85712-0267Hex Nut 5/16-18 Thd.*3704857Outer Tine Ass'y. Comp -86736-0119L-Wash 5/16" Scr.*38736-0169L-Wash. 3/8" Scr.*82746-0305Conduit and Wire41742-0198TineR.H91712-0181Hex Top L-Nut 3/8-16 Thd.4204855Inner Tine Ass'y. Comp -91712-0181Hex Top L-Nut 3/8-16 Thd.44736-0169L-Wash. 3/8" Scr.*91712-0181Hex Top L-Nut 3/8-16 Thd.45712-0130Hex Ins. L-Nut 3/8-16 Thd.92711-0198Ferrule4804878Transmission Ass'y. Comp.92712-0711Hex Jam Nut 3/8-24 Thd.49712-0267Hex Nut 5/16-18 Thd.*92711-0198Ferrule	20	110-0020	3/8-16 x 75" L c	76	736-0253	Bell, Wash
28 736-0101 FI-Wash. 77 747-0254 Lower Handle Control Rod 29 712-0130 Hex Ins L-Nut 3/8-16 Th 1 78 726-0106 Push Cap 30 04879 Drag Bar Ass'y. 79 726-0106 Push Cap 3/8" Rod 31 04909 Inner Tine Adapter Ass'y 80 712-0158 Hex Nut 5/16-*8 Thd.* 32 04683 Outer Tine Adapter Ass'y 81 748-0516 Pivot Handle Brg 34 711-0599 Clevis Pin 3/8" Dia. x 1 75" 82 04819 Pivot Handle Link 36 710-0191 Hex Scr. 3/8-24 x 1.25" Lg.* 83 736-0143 Shid. Scr. 500' Dia. x .660 36 710-0191 Hex Scr. 3/8-24 x 1.25" Lg.* 85 712-0267 Hex Nut 5/16-*8 Thd.* 38 736-0169 L-Wash. 3/8" Scr.* 82 04792 Handle Mig. Brkt. Ass'y. 40 714-0145 Hair Pin Cotter 82 746-0305 Conduit and Wire 41 742-0198 Tine-R.H 90 710-0152 Hex Scr. 3/8-24 x 1.00" Ig.* 42 04855 Inner Tine Ass'y. Comp - 91 712-0181	27	736-0169	I-Wash, 3/8" Scr *		100 0100	O.D.
29 712-0130 Hex Ins L-Nut 3/8-16 Th 1 78 726-0111 Push Cap 30 04879 Drag Bar Ass'y. 79 726-0106 Push Cap 3/8" Rod 31 04909 Inner Tine Adapte: Ass'y 80 712-0158 Hex Nut 5/16-*8 Thd.* 32 04683 Outer Tine Adapte: Ass'y 80 712-0158 Hex Nut 5/16-*8 Thd.* 34 711-0599 Clevis Pin 3/8" Dia. x 1 75" 82 04819 Pivot Handle Brg 35 742-0197 Tine-L.H 83 736-0289 Bushing Wash 36 710-0191 Hex Scr. 3/8-24 y 1.25" Lg.* 85 712-0267 Hex Nut 5/16-*8 Thd.* 36 736-0169 L-Wash. 3/8" Scr.* 87 710-0458 Carr. Bolt 5/16" Scr.* 37 04857 Outer Tine Ass'y. Comp - 86 736-0119 L-Wash. 5/16" Scr.* 38 736-0169 L-Wash. 3/8" Scr.* 87 710-0458 Carr. Bolt 5/16-18 x 1.75" 39 712-0241 Hex Nut 3/8-24 Thd.* 85 04792 Hardle Mig. Brkt. Ass'y. 40 714-0145 Hair Pin Cotter 85 746-0305	28	736-0101	FI-Wash	77	747-0254	Lower Handle Control Rod
30 04879 Drag Bar Ass'y. 79 726-0106 Push Cap 3/8" Rod 31 04909 Inner Tine Adapter Ass'y 80 712-0158 Hex Nut 5/16-*8 Thd.* 32 04683 Outer Tine Adapter Ass'y 81 748-0516 Pivot Handle Brg. 34 711-0599 Clevis Pin 3/8" Dia. x 1 75" 82 04819 Pivot Handle Link 35 742-0197 Tine—L.H 83 736-0289 Bushing Wash 36 710-0191 Hex Scr. 3/8-24 y 1.25" Lg.* 85 712-0267 Hex Nut 5/16-18 Thd.* 36 736-0169 L-Wash. 3/8" Scr * 87 710-0458 Carr. Bolt 5/16-18 x 1.75" 37 04857 Outer Tine Ass'y. Comp - 86 736-0119 L-Wash 5/16-18 x 1.75" 38 736-0169 L-Wash. 3/8" Scr * Lg. 87 710-0458 Carr. Bolt 5/16-18 x 1.75" 39 712-0241 Hex Nut 3/8-24 Thd.* 86 04792 Hardle Mig. Brkt. Ass'y. 40 714-0145 Hair Pin Cotter 89 746-0305 Conduit and Wire 41 742-0198 Inner Tine Ass'y. Comp - 91 <td>29</td> <td>712-0130</td> <td>Hex Ins L-Nut 3/8-16 Thd</td> <td>78</td> <td>726-0111</td> <td>Push Cap</td>	29	712-0130	Hex Ins L-Nut 3/8-16 Thd	78	726-0111	Push Cap
31 04909 Inner Tine Adapter Ass'y 80 712-0158 Hex Nut 5/16-*8 Thd.* 32 04683 Outer Tine Adapter Ass'y 81 748-0516 Pivot Handle Brg. 34 711-0599 Clevis Pin 3/8" Dia. x 1 75" 82 04819 Pivot Handle Link 35 742-0197 Tine—L.H 83 736-0289 Bushing Wash 36 710-0191 Hex Scr. 3/8-24 × 1.25" Lg.* 85 712-0267 Hex Nut 5/16-*8 Thd.* 37 04857 Outer Tine Ass'y. Comp - 86 736-0143 Shid. Scr. 500 * Dia. x .560 38 736-0169 L-Wash. 3/8" Scr.* 87 710-0458 Carr. Bolt 5/16-*8 Thd.* 39 712-0241 Hex Nut 3/8-24 Thd.* 86 04792 Hardle Mig. Brkt. Ass'y. 40 714-0145 Hair Pin Cotter 89 746-0305 Conduit and Wire 41 742-0198 Tine—R.H 90 710-0152 Hex Scr. 3/8-24 x 1.00" Ig.* 42 04855 Inner Tine Ass'y. Comp - 91 712-0181 Hex Top L-Nut 3/8-16 Thd. 42 04855 Inner Tine Ass'y. Comp - 91 <	1 30	04879	Drag Bar Ass'y.	79	726-0106	Push Cap 3/8" Rod
32 04683 Outer Tine Adapter Ass'y 81 748-0516 Pivot Handle Brg 34 711-0599 Clevis Pin 3/8" Dia. x 1 75" 82 04819 Pivot Handle Link 35 742-0197 TineL.H 83 736-0289 Bushing Wash 36 710-0191 Hex Scr. 3/8-24 y 1.25" Lg.* 85 712-0267 Hex Nut 5/16-38 Thd.* 36 704857 Outer Tine Ass'y. Comp - 86 736-0119 L-Wash 5/16" Scr.* 37 04857 Outer Jine Ass'y. Comp - 86 736-0119 L-Wash 5/16" Scr.* 38 736-0169 L-Wash. 3/8" Scr.* 87 710-0458 Carr. Bolt 5/16-18 x 1.75" 38 736-0169 L-Wash. 3/8" Scr.* Lg. 87 710-0458 Carr. Bolt 5/16-18 x 1.75" 39 712-0241 Hex Nut 3/8-24 Thd.* 86 04792 Hardle Mig. Brkt. Ass'y. 40 714-0145 Hair Pin Cotter 86 746-0305 Conduit and Wire 41 742-0198 TineR.H 90 710-0152 Hex Top L-Nut 3/8-16 Thd. 42 04855 Inner Tine Ass'y. Comp - 91	31	04909	Inner Tine Adapter Ass'y	80	712-0158	Hex Nut 5/16-18 Thd.*
34 711-0599 Clevis Pin 3/8" Dia. x 1 75" 82 04819 Pivot Handle Link 35 742-0197 Tine-L.H 83 736-0289 Bushing Wash 36 710-0191 Hex Scr. 3/8-24 y 1.25" Lg.* 85 712-0267 Hex Nut 5/16-18 Thd.* 37 04857 Outer Tine Ass'y. Comp - 86 736-0119 L-Wash 5/16" Scr.* 38 736-0169 L-Wash. 3/8" Scr.* 87 710-0458 Carr. Bolt 5/16-18 x 1.75" 39 712-0241 Hex Nut 3/8-24 Thd.* 86 04792 Handle Mig. Brkt. Ass'y. 40 714-0145 Hair Pin Cotter 89 710-0152 Hex Scr. 3/8-24 x 1.00" Ig.* 41 742-0198 Tine-R.H 90 710-0152 Hex Scr. 3/8-24 x 1.00" Ig.* 42 04855 Inner Tine Ass'y. Comp - 91 712-0181 Hex Scr. 3/8-24 x 1.00" Ig.* 46 736-0169 L-Wash. 3/8" Scr * 92 748-0150 Sleeve Brg. 50 I.D. x .62 47 712-0130 Hex Ins. L-Nut 3/8-16 Thd. 92 711-0198 Ferrule 48 04878 Transmission Ass'y. Comp. 92	32	04683	Outer Tine Adapter Ass'y	81	748-0516	Pivot Handle Brg
Lg 83 736-0289 Bushing Wash 35 742-0197 Tine-L.H 84 736-0143 Shid. Scr. 500' Dia. x .660 36 710-0191 Hex Scr. 3/8-24 × 1.25" Lg.* 85 712-0267 Hex Nut 5/16-18 Thd.* 37 04857 Outer Tine Ass'y. Comp - 86 736-0119 L-Wash 5/16" Scr.* 38 736-0169 L-Wash 3/8" Scr.* 87 710-0458 Carr. Bolt 5/16-18 x 1.75" 39 712-0241 Hex Nut 3/8-24 Thd.* 86 04792 Handle Mig. Brkt. Ass'y. 40 714-0145 Hair Pin Cotter 89 746-0305 Conduit and Wire 41 742-0198 Tine-R.H 90 710-0152 Hex Scr. 5/8-24 x 1.00" Ig.* 42 04855 Inner Tine Ass'y. Comp - 91 712-0181 Hex Top L-Nut 3/8-16 Thd. 46 736-0169 L-Wash. 3/8" Scr * 0.D. x 1.12" Lg. Sieeve Brg .50 I.D. x .62 46 736-0169 L-Wash. 3/8" Scr * 0.D. x 1.12" Lg. Ferrule 47 712-0130 Hex Ins. L-Nut 3/8-16 Thd. 92 711-0198 Ferrule 48 0487	34	711-0599	Clevis Pin 3/8" Dia. x 1 75"	82	04819	Pivot Handle Link
35 742-0197 Tine—L.H 84 738-0143 Shid. Scr. 500° Lia. X 560 36 710-0191 Hex Scr. 3/8-24 y 1.25° Lg.* 85 712-0267 Hex Nut 5/16-18 Thd.* 37 04857 Outer Tine Ass'y. Comp — 86 736-0119 L-Wash 5/16° Scr.* 38 736-0169 L-Wash 3/8° Scr.* 87 710-0458 Carr. Bolt 5/16-18 x 1.75° 39 712-0241 Hex Nut 3/8-24 Thd.* 86 04792 Handle Mig. Brkt. Ass'y. 40 714-0145 Hair Pin Cotter 89 746-0305 Conduit and Wire 41 742-0198 Tine—R.H 90 710-0152 Hex Scr. 5/8-24 x 1.00° Ig.* 42 04855 Inner Tine Ass'y. Comp – 91 712-0181 Hex Top L-Nut 3/8-16 Thd. 46 736-0169 L-Wash. 3/8° Scr * 0.D. x .62 0.D. x .62 0.D. x .62 47 712-0130 Hex Ins. L-Nut 3/8-16 Thd. 91 712-0711 Hex Jam Nut 3/8-24 Thd. 48 04878 Transmission Ass'y. Comp. 92 712-0711 Hex Jam Nut 3/8-24 Thd.		-	Lg	83	736-0289	Bushing Wash
36 710-0191 Hex Scr. 3/8-24 y 1.25" Lg.* 85 712-0267 Hex Nut 5716-18 fnd.* 37 04857 Outer Tine Ass'y. Comp – 86 736-0119 L-Wash 5/16" Scr.* 38 736-0169 L-Wash 3/8" Scr.* 87 710-0458 Carr. Bolt 5/16-18 x 1.75" 39 712-0241 Hex Nut 3/8-24 Thd.* 85 04792 Handle Mig. Brkt. Ass'y. 40 714-0145 Hair Pin Cotter 89 746-0305 Conduit and Wire 41 742-0198 Tine-R.H 90 710-0152 Hex Scr. 3/8-24 x 1.00" Ig.* 42 04855 Inner Tine Ass'y. Comp – 91 712-0181 Hex Top L-Nut 3/8-16 Thd. 46 736-0169 L-Wash. 3/8" Scr * 92 748-0150 Sleeve Brg _50 I.D. x .62 47 712-0130 Hex Ins. L-Nut 3/8-16 Thd. 92 711-0198 Ferrule 48 04878 Transmission Ass'y. Comp. 94 712-0711 Hex Jam Nut 3/8-24 Thd. 49 712-0267 Hex Nut 5/16-18 Thd.* 94 712-0711 Hey Jam Nut 3/8-24 Thd.	35	742-0197	Tine-L.H	84	738-0143	Shid. Scr. 500 Lia. X 560
37 04857 Outer Time Ass'y, Comp – 86 /36-0119 L-Wash 5/16 - Sci. 38 736-0169 L-Wash 3/8" Scr.* 87 710-0458 Carr. Bolt 5/16-18 x 1.75" 39 712-0241 Hex Nut 3/8-24 Thd.* 86 04792 Handle Mig. Brkt. Ass'y. 40 714-0145 Hair Pin Cotter 89 746-0305 Conduit and Wire 41 742-0198 TineR.H 90 710-0152 Hex Scr. 3/8-24 x 1.00" Ig.* 42 04855 Inner Tine Ass'y, Comp – 91 712-0181 Hex Top L-Nut 3/8-16 Thd. 46 736-0169 L-Wash. 3/8" Scr.* 92 748-0150 Sleeve Brg _50 I.D. x .62 46 736-0169 L-Wash. 3/8" Scr.* 0.D. x 1.12" Lg. Ferrule 47 712-0130 Hex Ins. L-Nut 3/8-16 Thd. 92 711-0198 Ferrule 48 04878 Transmission Ass'y. Comp. 94 712-0711 Hex Jam Nut 3/8-24 Thd. 49 712-0267 Hex Nut 5/16-18 Thd.* 94 712-0711 Hex Jam Nut 3/8-24 Thd.	36	710-0191	Hex Scr. 3/8-24 y 1.25" Lg.*	85	712-0267	Hex Nut 5/16-18 Ind."
38 736-0169 L-Wash. 3/8" Scr.* 87 710-0438 Carr. Boit S/16-16 X 1.73 39 712-0241 Hex Nut 3/8-24 Thd.* 8E 04792 Handle Mig. Brkt. Ass'y. 40 714-0145 Hair Pin Cotter 89 746-0305 Conduit and Wire 41 742-0198 TineR.H 90 710-0152 Hex Scr. 3/8-24 x 1.00" Ig.* 42 04855 Inner Tine Ass'y. Comp - 91 712-0181 Hex Top L-Nut 3/8-16 Thd. 46 736-0169 L-Wash. 3/8" Scr * 92 748-0150 Sleeve Brg _50 I.D. x .62 46 736-0169 L-Wash. 3/8" Scr * 92 711-0198 Ferrule 47 712-0130 Hex Ins. L-Nut 3/8-16 Thd. 92 711-0198 Ferrule 48 04878 Transmission Ass'y. Comp. 94 712-0711 Hex Jam Nut 3/8-24 Thd. 49 712-0267 Hex Nut 5/16-18 Thd.* 94 712-0711 Hex Jam Nut 3/8-24 Thd.	37	04857	Outer Tine Ass'y, Comp -	8C	736-0119	L-Wash Sile Scr.
38 736-0169 L-Wash: 378 * Scr. B2 39 712-0241 Hex Nut 378-24 Thd.* 82 04792 Handle Mig. Brkt. Ass'y. 40 714-0145 Hair Pin Cotter 82 746-0305 Conduit and Wire 41 742-0198 TineR.H 90 710-0152 Hex Scr. 378-24 x 1.00" Ig.* 42 04855 Inner Tine Ass'y. Comp - 91 712-0181 Hex Top L-Nut 378-16 Thd. 46 736-0169 L-Wash. 378" Scr.* 92 748-0150 Sleeve Brg50 I.D. x .62 47 712-0130 Hex Ins. L-Nut 378-16 Thd. 92 711-0198 Ferrule 48 04878 Transmission Ass'y. Comp. 94 712-0711 Hex Jam Nut 378-24 Thd. 49 712-0267 Hex Nut 5716-18 Thd.* 94 712-0711 Hex Jam Nut 378-24 Thd.	00	200 0400		8/	/10-0458	
39 712-0241 Hex Nut 376-24 Hid. 6C 04792 Halidle Wilg. Bitt. Assly. 40 714-0145 Hair Pin Cotter 89 746-0305 Conduit and Wire 41 742-0198 TineR.H 9C 710-0152 Hex Scr. 3/8-24 x 1.00" Ig.* 42 04855 Inner Tine Assly. Comp - 91 712-0181 Hex Top L-Nut 3/8-16 Thd. 46 736-0169 L-Wash. 3/8" Scr * 92 748-0150 Sleeve Brg50 I.D. x .62 47 712-0130 Hex Ins. L-Nut 3/8-16 Thd. 92 711-0198 Ferrule 48 04878 Transmission Assly. Comp. 94 712-0711 Hex Jam Nut 3/8-24 Thd. 49 712-0267 Hex Nut 5/16-18 Thd.* 92 712-0711 Hex Jam Nut 3/8-24 Thd.	38	735-0169	L-WASH 3/8 SCL	00	04702	Handle Mia Brkt Ass'v
40 714-0145 Frain Fill Content 02 740-0005 Control and Wile 41 742-0198 TineR.H 90 710-0152 Hex Scr. 3/8-24 x 1.00" lg.* 42 04855 Inner Tine Ass'y, Comp - 91 712-0181 Hex Top L-Nut 3/8-16 Thd. 46 736-0169 L-Wash. 3/8" Scr * 92 748-0150 Sleeve Brg .50 I.D. x .62 47 712-0130 Hex Ins. L-Nut 3/8-16 Thd. 92 711-0198 Ferrule 48 04878 Transmission Ass'y, Comp. 94 712-0711 Hex Jam Nut 3/8-24 Thd. 49 712-0267 Hex Nut 5/16-18 Thd.* 94 712-0711 Hex Jam Nut 3/8-24 Thd.	109	714 0145	Hair Dip Cottor	90	746-0205	Conduit and Wire
41 142-0130 Inner Tine Ass'y, Comp - 91 712-0181 Hex Top L-Nut 3/8-16 Thd. 42 04855 Inner Tine Ass'y, Comp - 91 712-0181 Hex Top L-Nut 3/8-16 Thd. 46 736-0169 L-Wash. 3/8" Scr * 92 748-0150 Sleeve Brg50 I.D. x .62 47 712-0130 Hex Ins. L-Nut 3/8-16 Thd. 91 711-0198 Ferrule 48 04878 Transmission Ass'y, Comp. 94 712-0711 Hex Jam Nut 3/8-24 Thd. 49 712-0267 Hex Nut 5/16-18 Thd.* 92 712-0711 Hex Jam Nut 3/8-24 Thd.	140	7/2-0140		ar	710-0152	Hex Scr 3/8-24 x 1.00" lo *
42 L.H. 92 748-0150 Sleeve Brg .50 I.D. x .62 46 736-0169 L-Wash. 3/8" Scr * 92 748-0150 Sleeve Brg .50 I.D. x .62 47 712-0130 Hex Ins. L-Nut 3/8-16 Thd. 92 711-0198 Ferrule 48 04878 Transmission Ass'y. Comp. 94 712-0711 Hex Jam Nut 3/8-24 Thd. 49 712-0267 Hex Nut 5/16-18 Thd.* 94 712-0711 Hex Jam Nut 3/8-24 Thd.	10	104855	Inner Tine Ass'y Comp -	91	712-0181	Hex Top L-Nut 3/8-16 Thd
46 736-0169 L-Wash. 3/8" Scr * O.D. x 1.12" Lg. 47 712-0130 Hex Ins. L-Nut 3/8-16 Thd. 91 711-0198 Ferrule 48 04878 Transmission Ass'y. Comp. 92 712-0711 Hex Jam Nut 3/8-24 Thd. 49 712-0267 Hex Nut 5/16-18 Thd.* 92 712-0711 Hex Jam Nut 3/8-24 Thd.	146	04000		92	748-0150	Sleeve Brg .50 I.D. x .62
47 712-0130 Hex Ins. L-Nut 3/8-16 Thd. 90 711-0198 Ferrule 48 04878 Transmission Ass'y. Comp. 94 712-0711 Hex Jam Nut 3/8-24 Thd. 49 712-0267 Hex Nut 5/16-18 Thd.* 94 712-0711 Hex Jam Nut 3/8-24 Thd.	46	736-0169	L-Wash, 3/8" Scr *			0.D. x 1.12" La.
48 04878 Transmission Ass'y. Comp. 94 712-0711 Hey Jam Nut 3/8-24 Thd. 49 712-0267 Hex Nut 5/16-18 Thd.*	47	712-0130	Hex Ins. L-Nut 3/8-16 Thd.	92	711-0198	Ferrule
49 712-0267 Hex Nut 5/16-18 Thd.*	48	04878	Transmission Ass'y. Comp.	92	712-0711	Hey Jam Nut 3/8-24 Thd.
	49	712-0267	Hex Nut 5/16-18 Thd.*			

TINE CHART

Not Shown	Inner Tine As'y, Comp.—R.H. 104854
42	Inner Tine Ass'y, Comp.—L.H. 104855
Not Shown	Outer Tine Ass'y. Comp.—R.H. 04856
37	Outer Tine Ass'y. Comp.—L.H. 04857



REF.	PART NO.	DESCRIPTION	:RE-	PART NO.	DESCRIPTION
1	752-0668	Engine B & S 1302)2-0815-03	4)1	710-0118	. Hek Scr. ∋ 16-18 x ∛a Lo
2	04869	Bell Cover Support Assiv	5)	04360	Weight Mta Erki
3	736-0114	Internal L-Wash 1 Seri.	r	735-0159	FFWash 5116 LD x 7 B
4	710-0121	Hex Sor Ma-20 x 75 Lg 1	ţ		() D. → ()56
5	754-0224	*V'-Belt 5/8'' > 36 - ⊾c É	1 4 2	714-0151	KL b. Em
6	717-0343	Variable Speed As	51	723-0340	Weight
7	754-0221		5.5	712-0213	Hex Cent _ Nut 3 8-24
· 8	; 750-038	Space: F3711 78()1 >			Tha T
	2	: 44	53	712-0267	Hex No. 5, 16-18 Thd.1
: 9	* 756-0297	Input Pulley - une hoase	57 '	735-0119	L-Wash 516 Sor 1
10	736-0159	Fi-Wash 5 16 Sc	63	04344	Frane Assly
11	736-0119	L Wain 6 16" Spill	59 :	732-0153	Bx enside Spring
12	710-0627	Hex L S = 5/16-24 × 75 _5	62 -	04364	dier Arm ussly
13	712-0130	Hex ins L-Nut 3-6-16 the	; 61	712-0138	Hex Cent L-Nut 1 -28 Thd
14	736-0169	L-Wash 378 Scr.	62	712-0130	Hex Ins _ Nut 3/8-16 Ind
15	/56-0225		i ti s	04337	/anabie Speed Brkt. Assly
10	04836		; 64.	/ 36-0255	-1 Wash 625 I D X 1.25
11	730-0329	L-Wash to Sur	l e e e e	7.4.0474	
10	1726 0122		00	7-4-04-4	, Gotter Pin 172 Dia X 75
19	100-0100		1/2	710 A28A	Ly. Shouldon Son E(1) 267
20	! 710-0151	Hey Sor 3(8-54 2 20) Lat	67	730-0360	Hav Ser 1, 00 v 1 05" a *
20	04790	Beit Cover	107 212	712-0100	Having Nitizo Ly
1 22	1 710-0599	Hex Wash Hd Set Tap Scr		04841	Control Brki
33	05034	Bearing Housing	77	710-0623	Her Wash Hd. Self Tab Scr
34	741-0155	Ball Bearing	70	710-0621	Hex Scr 5376-18 x 50° Lo *
37	714-0122	Sa Key 3/16 x 75 lg	72	736-0119	L-Wash 5'16 Scr *
38	738-0372	Shouider Spacer	74	05080	Friction Wheel Ass'v.
1 39	710-0502	Hex Self Tap Scr 3/8-16 <	75	756-0301	Engine Pulley Ass'y 5,8 V
1		1.25" Lg.		1	C 75 I.D.
40	736-0169	L-Wash 3/8 Scr	176	710-0599	Hex Wash, Hd. Seif Tap Scr.
41	710-0623	Hex SF tap Scr 3 8-16 >	77	04876	Belt Cover Extension Ass'y
		1 75° Lg.	78	736-0173	FI-Wash 12 Sch
42	04878	Iransmission Ass / Comp	1/9	712-0117	HEX GENI L-NUL V4-28 INC.
43	712-0138	Peering 1 0" LD w 1 12" La	03	730-01/3	HI-Wash 14 Sct.
44	741-0240	Hev Scr. 3/8-16 v 1 75' La		710-0195	HEX SCI. 14-25 X DZ LQ.
40	716.0102	Shan Ring	62	714 0105	
40	734-0832	Wheel Ass'v Comp - B H	160	710-0380	Hey Ser 5/16-18 v 1 75 Lo *
	734-0833	Wheel Ass'v. Comp L.H	E E E	750-0382	Spacer
		(Not Shown)	67	04863	Rear Belt Cover Support
!	734-0338	Tire Only	1 m r		Brkt
i	734-0339	Inner Tube Only	83	751-0233	Muffler Deflector
	04874	Wheel Hub Ass'y - R H.	83	750-0379	Spacer .637 I D x 781 O D
	04875	Wheel Hub Ass'y, -L.H.	[<.85 [™] Lg
1		(Not Shown)	†	770-7763	Owner's Manual
48	710-0152	Hex Scr 3/8-24 × 1.00" Lg *	†	777-8517	Warranty Label

*Standard Hardware Items—May Be Purchased Locally. †Not Illustrated.

TILLER ACCESSORIES

Hilling Plow (Must be used with "V" Bar Frame Adapter)

Six Tang Cultivator (Recommended use of Depth Gauge Wheels) "V" Bar Frame Adapter (Recommended use of Depth Gauge Wheels) Four Shovel Cultivator (Must be used with "V" Bar

Frame Adapter)

Depth Gauge Wheels

Tine Cultivating Shields Wheel Weights Tire Chains (13" x 5") 32" Angle Dozer Blade

Front Hitch Mount (Required to mount 32" Angle Dozer Blade)

5-H.P. CHAIN DRIVE TILLER MODEL 247.298770 ENGINE MODEL 130202 TYPE 0815-03



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5-H.P. CHAIN DRIVE TILLER MODEL 247.298770 ENGINE MODEL 130202 TYPE 0815-03



5-H.P. CHAIN DRIVE TILLER MODEL 247.298770 ENGINE MODEL 130202 TYPE 0815-03



5-H.P. CHAIN DRIVE TILLER MODEL 247.298770 ENGINE MODEL 130202 TYPE 0815-03

PARTS LIST FOR ENGINE MODEL NO. 130202-0815-03

REF ND	. PART NO.	DESCRIPTION	REF. NO.	PART NO.	DESCRIPTION	
1	391977	Cylinder Ass'v.	33	211119	Valve-Exhaust	
2	297565	Bushing_Cylinder		261044	Valve-Intake	
-		NOTE: Requires special tools	35	260552	Spring_Intake Valve	
		for installation	36	26478	Spring Exhaust Value	
2	loneen	Seel Oil	27	204/0	Ouerd Elumber	
3 F	09000	Seal-Ol	10	222440	Gualo-Flywheel	
5	211542	Head-Cylinder	40	93312	Retainer-Valve Spring	
1	270383	Gasket-Cylinder Head	45	260642	lappet-Valve	
8	294178	Breather—Valve Chamber	46	211117	Gear-Cam	
9	*27549	Gasket-Valve Cover	52	*27355	Gasket—Carburetor Mtg. (2)	
10	93394	Screw—Breather Mtg. Sem	55	299431	Housing—Rewind Starter	
11	66578	Grommet—Breather Tube	56	295871	Pulley—Rewind Starter	
12	*270080	Gasket-Crankcase - 015"			(Includes 63" long rope)	
		thick (Standard)			If longer rope is required	
	270125	Gasket-Crankcase- 005"	1		order rope po 66894 and cut	
	210120	thick			to length	
	1070100	Cooket Crooksess 0001	57	204202	Conting Dowind Storter	
	2/0120	Gaskel—Clankcase—.009	57	294303	Spring—Rewind Statter	
40	00000	THICK	58	66884	Hope—Hewing Starter—	
13	93368	Screw-Cylinder Head			63" long	
		(2-3/32" lg.)			(For use with Plastic Pulley)	
14	93369	Screw—Cylinder Head			If longer rope is required,	
		(2-15/32" lg.)			order rope No. 66894 and cut	
15	91249	Plug-Pipe, 1/4" Std., Square	ļ		to length.	
		Head	59	230228	Pin-Starter Grip	
16	261148	Crankshaft	60	66728	Grip-Starter Rope	
18	297602	Cover Ass'v Crankcase	65	93067	Screw-Stamped Steel Hsg.	
19	297603	Bushing-Crankcase Cover	1		Mta. Sem	
	20,000	NOTE: Requires special tools	66	208310	Clutch Ass'v — Rewind Starter	
		for installation	67	211382	Housing Starter Clutch	
20	204606	Pool Oil	60	63770		
20	294000			00770	Dail-Oluton Databat Dawind Storter	
21	00/00	Plug—Oli Filler	70	290430	Natonet—Newing Starter	
22	93032	Screw—Crankcase Cover		221653	washer-Clutch Retainer	
		Mtg. Sem	73	221923	Screen-Starter Pulley	
23	297229	Flywheel-Magneto	14	93490	Screw-Sem	
24	61760	Key—Flywheel	75	220865	Washer—Spring	
PIST(ON RING	SETS:	76	68238	Washer—Ratchet Sealing	
		NOTE: For Chrome Piston	81	222263	Lock—Screw	
		Ring Set-Std, Size-order	90	299437	Carburetor Ass'y.	
		Part No. 299742.	95	93499	Screw—Throttle Valve to	
25	298904	Piston Ass'v.—Std.			Shaft Sem	
	298305	Piston Ass'v - 010" O.S.	96	211203	Throttle—Carburetor	
	298906	Piston Ass'y $- 020'' \cap S$	97	299212	Shaft and Lever-Throttle	
	298907	Piston Ass'y $- 030" \circ S$	114	66594	Gasket-Needle Valve Nut	
26	208082	Ping Set. Std. Diston	116	65078	Backing Moodle Value	
20	200002	Ping Cet 010" O C Distan	110	220500	Nut Nobelle Valve	
	290903	Ring Set-JUIU U.S. Piston	111	230390		
	298984	Ring Set—.020" O.S. Piston	110	23433	valve	
~	298985	Hing Set030" O.S. Piston	124	93357	Screw-Hex Head	
27	26026	Lock—Piston Pin	14/	230591	Seat-Needle Valve	
28	298909	Pin Ass'y.—Piston—Std.	148	22235	Washer-Needle Valve (2)	
	298908	Pin Ass'y.—Piston—.005"	149	26336	Spring—Needle Valve	
		O.S.	152	260575	Spring—Throttle Adjustment	
29	299430	Rod Ass'y Connecting	154	92634	Screw—Machine, Rd. Hd.—	
		NOTE: For Connecting Rod			5-40 x 5/8"	
		with .020" undersize Crankpin	163	27660	Gasket—Air Cleaner Mto.	
		Bore-order No. 390459	180	297600	Tank Ass'vFuel	
30	221890	Dipper-Connecting Rod	181	392304	Cap-Fuel Tank	
31	221876	Lock-Conn Bod Screw	190	93341	Screw-Fuel Tank Mtg. Sem	
32	92206	Screw-Connecting Pod	101	*27911	Gasket - Fuel Tank Mta (2)	
04	0000	Zao Sciew-Connecting Hod Iai Ziaii Gasket-Fuel lank Mtg. (2)				

*Included in Gasket Set-Part No. 297615.

5-H.P. CHAIN DRIVE TILLER MODEL 247.298770 ENGINE MODEL 130202 TYPE 0815-03

PARTS LIST FOR ENGINE MODEL NO. 130202-0815-03

REF. NO.	PART NO	ART DESCRIPTION		PART NO.	DESCRIPTION
200	221480	Guide—Air	342	65704	Plunger-Breaker Point
201	260661	Link-Governor		93042	Screw—Condenser Clamp
202	260678	Link—Throttle			Mtg. Sem
203	297718	Crank—Bell	345	220366	Cover—Breaker Point and
204	230844	Bushing—Governor Lever		l	Condenser
		(Flat)	346	93705	Screw-Dust Cover and
		NOTE: 230943 Bushing-			Flywheel Guard Mtg
		Governor Lever (with 1/2" dia.	356	295413	Wire—Ground
		Flange) or:	357	91539	Rey Cooket Set
		23688 Bushing-Governor	300	297015	Clamp Condenser
		Lever (with 3/8" of a. Flange)	3/2	220477	Vianp-Condenser
		USED ON TYPE NOS. 0130, 0140,	373	92907	Brooker Points and Condenser
		0174, 0181, 0184, 0185, 0194, 0196, 0227, 0227	315	294020	Sot
		0196, 0221, 0230, 0233, 0237, 0230, 0247, 0255, 0216, 0352	202	260455	Spring—Evel Pump
		0239, 0247, 0233, 0310, 0332, 0352, 0352, 0352, 0350, 0350, 0350, 0350, 0310, 0332, 0350, 0314	352	200400	Dianbragm
		0355, 0355, 0304, 0400, 0414,	301	270026	Diaphragm
		0410, 0410, 0419, 0422, 0423,	432	221377	Cap-Spring
		0431, 0433, 0430, 0400, 0401, 0481	433	93265	Pin—Diaphraom Cover
		0430, 0471, 0400, 0401, 0400, 0400, 0514, 0520, 0540, 0568, 0573, 0514, 0520, 0540, 0568, 0573, 0572, 0572, 0572, 0572, 0572, 0572, 0572, 0572, 0572, 0572, 0572	434	210959	Cover—Diaphragm
		0607 0608 0620 0635 0636	435	93141	Screw-Diaphragm Cover
205	03838	Screw-Shoulder	516	260374	Spring-Connector
200	260695	Spring-Governor	526	93343	Screw-Tank Brkt. Mtg. Sem
219	391737	Gear-Governor	527	221514	Clamp—Breather Tube
220	221551	Washer-Thrust	528	230722	Tube-Breather
223	221517	Lever-Governor Control	529	67838	Grommet—Breather Tube
224	93491	Rivet-Governor Control	534	93322	Screw—Air Cleaner
		Lever Mtg.	535	27987	Element—Air Cleaner
227	391966	Lever Ass'y - Governor -	536	297036	Cleaner Ass'y — Air
		For ¼" Dia. Crank	552	231079	Bushing—Governor Crank
229	220680	Washer—Governor Lever			(¼″ LD.)
230	222450	Washer-Governor Lever	562	92613	Bolt-Governor Lever
		(1/4" I.D.)	592	231082	Storter Apply Rewind
232	260478	Spring—Governor Link	608	390463	Spring Throttin Link
265	221535	ClampCasing	611	200094	Evel Pipe and Clip Ass'v
267	93496	Screw - Selli Muffler - Exhaust	612	296811	Pine—Filel
300	200440	Housing_Rlower	612	93704	Screw-Muffler Mtg
1304	02150	Screw_Blower Hsg. Mtg	614	93306	Cotter—Hair Pin
200	00100	Shield_Cylinder	615	93307	Retainer-E-Ring
207	020/2	Screw-Cylinder Shield Mtg.	616	231077	Crank-Governor (1/4" Dia.)
1007	30042	Sem	621	297472	Switch-Stop
308	221512	Cover-Cylinder Head	626	230749	Spacer-Governor Crank
333	298316	Armature-Magneto	634	270167	Washer, Throttle Shaft (Felt)
335	93414	Screw-Armature Mtg. Sem	643	221321	Cup—Air Cleaner
337	298809	Plug-Spark (with Gasket)	676	222261	Deflector-Exhaust
100.		11/2" High-37-42 M.M.	681	299060	Needle Valve Kit
340	26018	Spring-Breaker Arm	725	221885	Shield—Heat
341	93381	Screw-Breaker Arm Mtg	851	221798	Cable Terminal-Ignition
1		Sem	ļ		

*Included in Gasket Set-Part No. 297615.

Sears owners manual	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 247.298770 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.
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