HOMELITE®

3 H.P.
TILLER

3 H.P. TILLER MFG. NO. 1600399
TINE EXTENSION KIT MFG. NO. 1600407
FURROW OPENER MFG. NO. 1600373

OPERATOR'S MANUAL

FORM – 1651763
PRINTED IN U.S.A
748

WARRANTY

We warrant this HOMELITE product to be free from defects in material or workmanship under normal use and service, except that we make no warranty, express or implied, with respect to tires, engines, generators or voltage regulators (which usually are warranted by their respective manufacturers) nor with respect to any unit which after sale by HOMELITE has been altered in any way without HOMELITE'S express consent.Our obligation under this warranty is limited to replacing, without charge any part which is proven defective within one year (30 days if the unit is used for commercial, rental or municipal purposes) from date of purchase, if returned to us, with transportation charges prepaid, at a HOMELITE branch office or to a dealer whom we have authorized to make the replacement.

THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANT-ABILITY, FITNESS FOR A PARTICULAR PURPOSE, PERFORMANCE OR OTHERWISE AND IN NO EVENT SHALL HOMELITE BE LIABLE FOR ANY INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES.

HOMELITE
a division of Textron Inc.

TINE WARRANTY

HOMELITE warrants rotary tiller tines against breakage for the period not to exceed the normal life of the rotary tiller: and will replace broken tines directly to the customer at no charge, provided broken tines are returned prepaid to the nearest HOMELITE district office.

HOMELITE
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ACCESSORIES

TINE EXTENSION SET (Mfg. NO. 1600407)

See Figure 1. The extension set consists of a left and right tine assemblies with mounting pins and hairpin clips. Mount long hub of extension over outside end of standard tine assembly and secure assemblies together with pin and hairpin clip. Be sure sharpened edges of tines on top face forward. The extension set increases effective tilling width to 31-1/4-inches.

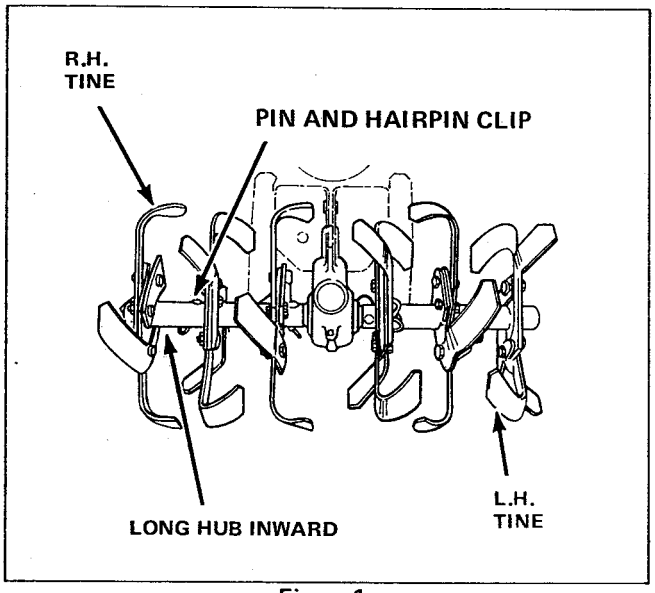

Figure 1.

FURROW OPENER, 8-INCH (Mfg. No. 1600373)

See Figure 2. The furrow opener is intended for digging furrows for crops which must be planted in rows. To install, proceed as follows.

1. Remove the depth bar, turn it upside down and bolt it to the tool holder (A) with the carriage bolts, washers and nuts provided.

2. Remove the stop plate from between the frame supports and install the extension support (B) with the old hardware.

3. Position the depth bar in the extension support and reinstall the depth bar clamp using the pin and spring clip provided. Bolt the furrow opener to the tool holder as shown.

SPECIAL WORM GEAR OIL

CAUTION

Damage to the worm gear drive which results from use of any lubricant other than that specified will invalidate the warranty. (See back cover for special Worm Gear Oil Part Number).

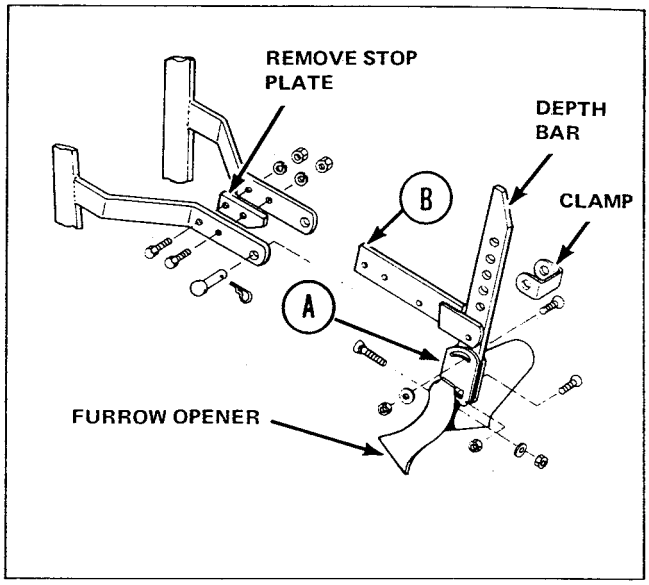

Figure 2.

ASSEMBLING

1. Remove all components of tiller from box and place them in a clean, level area. Inspect each part for damage.

2. Remove belt cover.

3. See Figure 3. Assemble left and right handles to frame as shown. Note locations of flat washers.

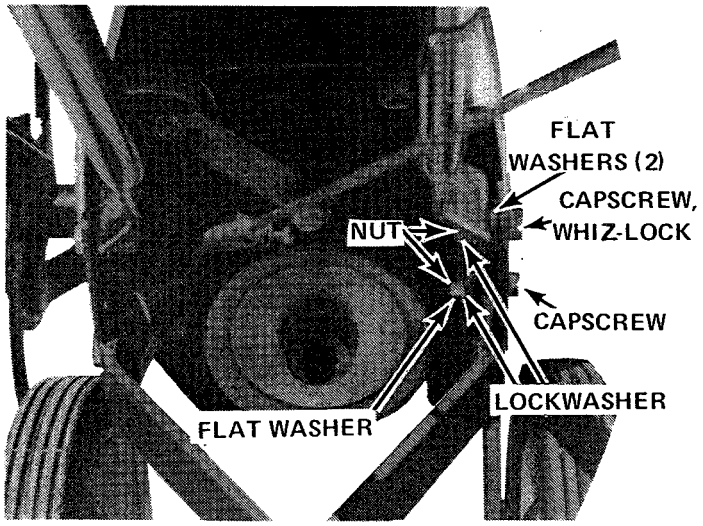

Figure 3.

4. Connect throttle cable as follows:

   a. Place throttle control lever in SLOW position.

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PARTS LISTINGS

CONGRATULATIONS!

This great new product is engineered with imagination and built with integrity to assure you maximum service and performance for years to come. To completely understand the operation of your equipment and to take full advantage of its many fine built-in features, study this instruction manual thoroughly before operating the machine. The little time you spend reading now will repay you many times over in the time you save and the satisfaction you gain in using your equipment properly and safely.

SAFETY PRECAUTIONS

Know the controls and how to stop quickly - READ THE OPERATOR'S MANUAL.

Do not allow children to operate the Tiller. Do not allow adults to operate it without proper instructions.

Clear the work area of objects which might be picked up and thrown.

Keep all nuts, bolts and screws tight to be sure equipment is in safe working condition.

Do not operate equipment when barefoot or wearing open sandals. Always wear substantial footwear.

Handle gasoline with care - it is highly flammable.

A. Use approved gasoline container.

B. Never remove cap or add gasoline to a running or hot engine or fill the fuel tank indoors. Wipe up spilled gasoline.

C. Open doors if the engine is run in a garage. Exhaust fumes are dangerous. Do not run engine indoors.

Never store equipment with gasoline in the tank inside a building where fumes may reach an open flame or spark.

Allow the engine to cool before storing in any enclosure.

To reduce fire hazard keep the engine free of grass, leaves or excessive grease.

Release the clutch lever and stop the engine before cleaning the tines, removing obstacles, making adjustments, or when leaving the operating position.

Never allow children or pets to cross your path, or cause distractions in the area while operating.

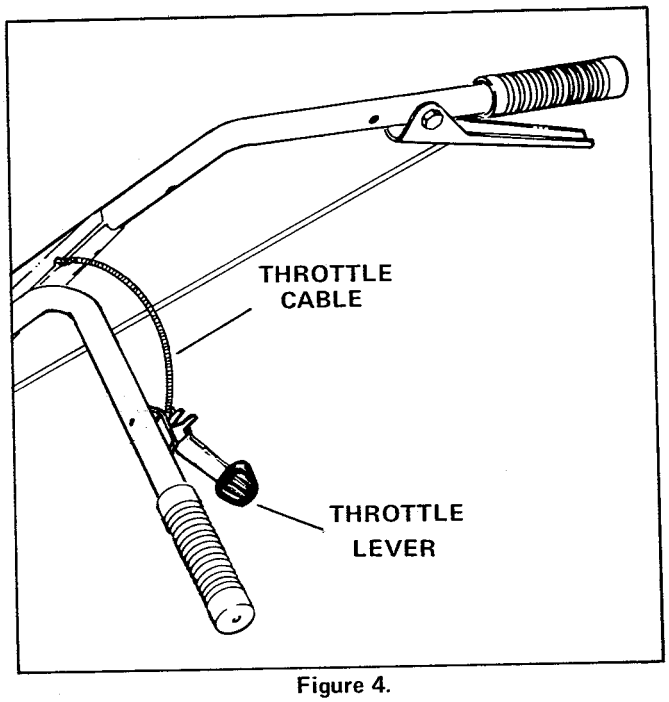


Figure 4.

b. Be sure throttle control cable is secured along right handle with a cable clip.

c. See Figure 5. Route cable under right side of belt cover, along right side of engine, and up between fuel tank bracket and starter. Install control wire on throttle control lever (A). Throttle control lever must be down and the governor spring relaxed.

d. Loosen clamp screw on fuel tank bracket and install throttle cable in clamp. Tighten clamp screw.

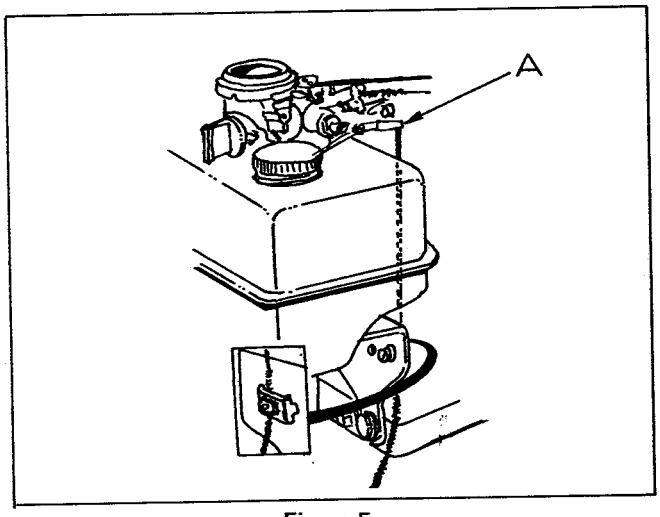


Figure 5.

5. Install forward control rod as follows:

a. See Figure 6. Attach forward control rod springs to bellcrank.

b. See Figure 6. Slide forward control rod through wire clamp and inside spring. Loosely secure rod in clamp with setscrew and flat washer. Hook loose end of spring between flat washer and clamp.

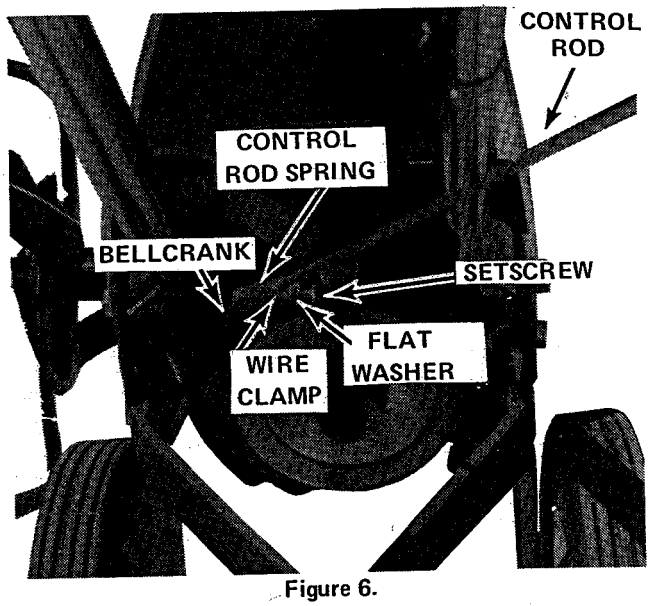


Figure 6.

c See Figure 6. Adjust spring tension by loosening clamp setscrew and moving clamp on control rod. Idler pulley should be 1/4-inch from frame when clutch disengaged (handle released). See Adjustments section of this manual for clutch adjustment procedure.

d. Secure belt cover to frame with two self-tapping screws. Tighten two whiz-lock screws attaching part of handles.

6. Install wheel assemblies as follows:

a. Tilt unit forward on engine.

b. See Figure 7. Secure each wheel assembly (bushing inward) to frame through lower holes in frame support with a 3-1/2-inch long capscrew, a lockwasher, and hex nut. Tighten hex nut.

Figure 7.

7. See Figure 7. Secure depth bar and clamp to rear of frame with pin and hairpin clip. Digging tip of bar should be installed as shown.

NOTE: The depth bar setting determines the depth of tilling. To till 4 to 6 inches deep, install bar mounting pin in second or third hole from the top. The deeper depth bar is set into soil, the deeper tines will dig.

8. Loosen each wheel scraper nut and adjust scraper to clear wheel by 1/8-inch. Tighten scraper nut.

9. Depending upon what tilling width desired, install right and left tine blade assemblies as follows. Use a pin and cotter pin for installation. See Figure 8 for right inner, outer, and extension tine installation.

TILLING WIDTH INCHES	TINES USED
8-1/2	*switched left and right inner
12	left and right inner
16	left and right inner *switched left and right outer
** 21-1/2	left and right inner left and right outer
31-1/4	left and right inner left and right outer left and right extension

*denotes moving normal left or right blade assembly to opposite side. Be sure sharpened edges face forward.

**denotes standard tine arrangement.

Figure 8.

OPERATION

PREPARING

1. Controls

See Figure 4. Familiarize yourself with the following controls:

a. THROTTLE LEVER. Used to adjust engine speed.
b. FORWARD CLUTCH LEVER. Used to control rotation of tines. Squeeze lever to engage and release to disengage.

2. Engine

a. MANUALS. Read the engine owner's manual and this operator's manual thoroughly.
b. FUEL. See Figure 9. Have available sufficient quantities of clean, fresh (leaded or non-leaded), "regular" automotive gasoline. Remove fuel tank cap and fill tank completely. Fuel capacity is 2 quarts. DO NOT MIX OIL WITH GASOLINE.

WARNING

Gasoline is highly inflammable. Avoid overfilling and wipe up any spilled fuel. Allow no open flame, smoking, or matches near the area when refueling.

Replace filler cap securely. Store gasoline only in small quantities. Prolonged storage produces gum and harmful deposits. If it is necessary to store gasoline for long periods, add a gasoline stabilizer. See Off-Season Storage section of this manual.

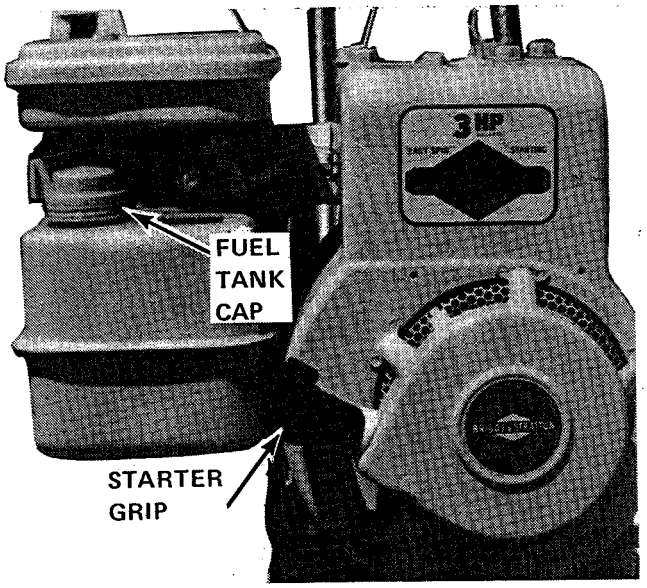


Figure 9.

c. OIL. See Figure 10. Have available sufficient quantities of engine crankcase oil, SAE 30 grade MS. Remove dirt around engine filler plug. Remove engine filler plug by turning counter-clockwise. Fill with oil until level with top of neck. Crankcase capacity is 1-1/4 pints. Reinstall filler plug securely. Check oil everytime fuel is added.

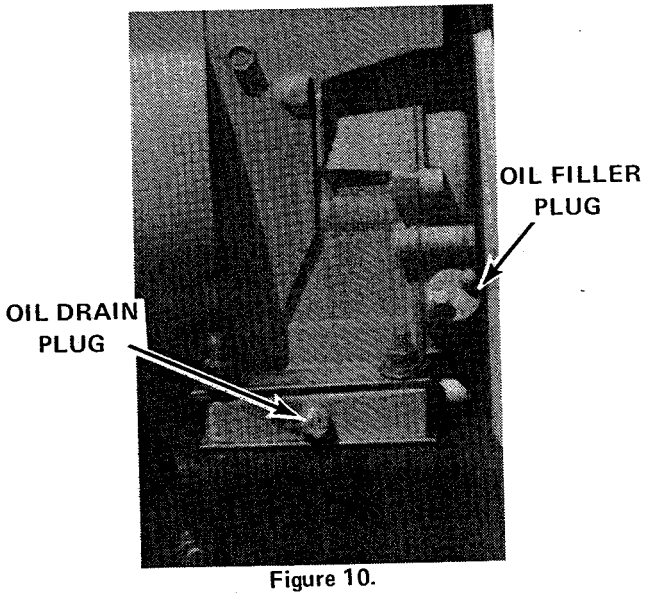


Figure 10.

3. Depth Bar

See Adjustments section of this manual.

4. Wheels

See Figure 7. Be sure wheels are mounted in the LOWER holes of the frame support.

5. Tines

Be sure tines are installed securely with pin and cotter pin. Sharpened edges must face forward. See Assembly section of this manual for tine installation.

OPERATION

1. Starting

a. See Figure 4. Move throttle lever halfway between SLOW and FAST position.
b. See Figure 11. Move stop switch away from spark plug.
c. See Figure 11. Pull choke plunger out to full CHOKE position. If engine warm, use half choke.
c. To start engine, grasp starter grip (See Figure 9) firmly in right hand and pull sharply straight out. Always return grip by hand to original position. Do not release grip with rope extended. When engine starts, push choke plunger in gradually until it is firmly seated in carburetor throat.
e. If engine fails to start after four or five pulls, it may be flooded. Push choke plunger in completely and pull grip out several times to clear excess fuel.
f. See Figure 11. If engine still fails to start, check fuel supply and spark plug connections. Be sure engine stop switch is away from spark plug.

2. Operating

a. When operating the tiller for the first time, proceed slowly and carefully to get the feel of the unit. Experience will determine pressure and depth bar setting for the operator.

b. Do not attempt to hold tiller back to cause the tines to dig deeper. Instead, adjust the depth bar so it will hold the tiller back. When the tines have dug deep enough in an area, raise UP slightly on handles and the tiller will move ahead. To stop the forward motion of the tiller and cause the tines to raise, put a slight DOWN pressure on the handles and the depth bar will hold the tiller in place.
c. Do not till when the soil is very wet. This causes clods, which are difficult to work up. If the soil is extremely hard and dry, it may be desirable to cross till an area at shallow depth first, then till in the direction of planting rows on the second pass at the final depth.
d. A Furrow Opener blade is available for use in digging furrows for crops which are planted in rows, such as potatoes. See Accessories section of this manual.

3. Stopping

a. See Figure 11. Push stop switch against end of spark plug.
b. If tiller has been operating under full load, allow engine to idle for a minute to reduce engine temperature. Stopping a hot engine suddenly may cause damage to engine parts.

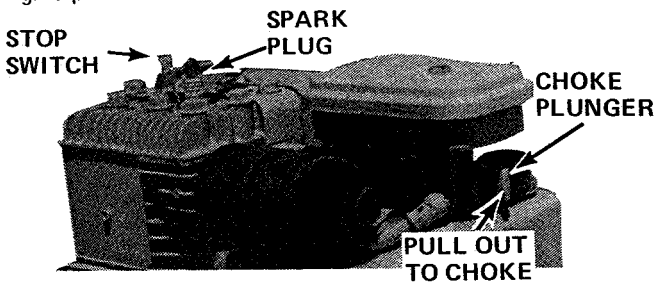


Figure 11.

ADJUSTMENTS

BELT STOPS

Belt stops should be 1/8-inch from belt when clutch engaged (handle compressed). To adjust, remove belt cover, loosen stop capscrew, squeeze clutch lever and adjust belt stops as indicated in Figure 12. Tighten belt stop capscrew and replace cover.

NOTE: If tines will not stop turning after clutch lever is released, belt stops may be too far from belt and not braking belt as required when clutch handle released.

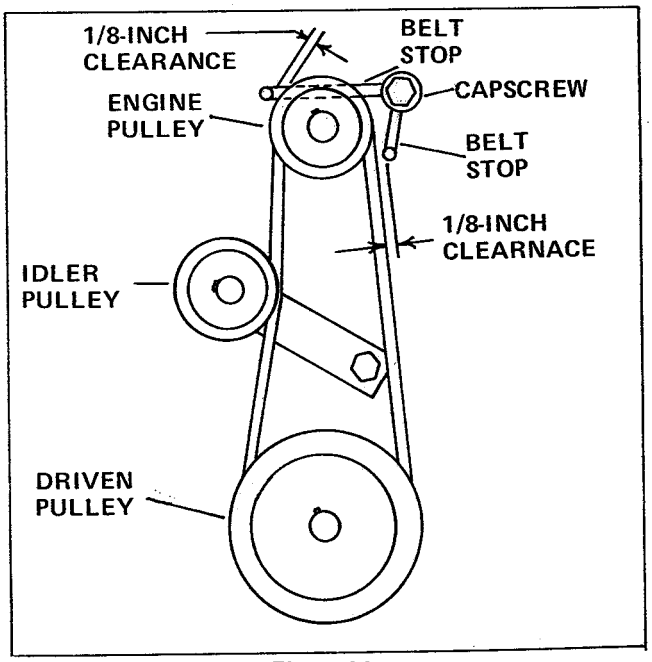


Figure 12.

CLUTCH

1. When clutch disengaged (handle released), idler pulley should be no closer than 1/4-inch from frame and all belt stops must be firmly gripping the drive belt.

2. When clutch engaged (handle compressed), idler pulley must press in on belt enough to remove belt from contact with belt stops. Approximately 1/8-inch clearance between belt stop and belt should be maintained (See Belt Stop Adjustment).

3. See Figure 6. If clutch does not operate as described above in steps 1 and 2, loosen wire clamp setscrew and adjust wire clamp on control rod to obtain required spring tension.

DEPTH BAR

See Figure 7. The depth bar setting determines the depth of tilling. To till 4 to 6 inches deep, install the bar mounting pin in the second or third hole from the top. Pull out the hairpin clip to change pin location. Be sure to install the bar with the digging tip as shown. THE DEEPER THE DEPTH BAR IS SET INTO THE SOIL, THE DEEPER THE TINES WILL DIG.

CARBURETOR

Minor carburetor adjustments may be required to compensate for differences in fuel, temperature, altitude and load. See your engine owners manual for adjustment procedure.

PULLEY ALIGNMENT

See Figure 12. Visually check alignment of engine, idler, and driven pulleys. Pulleys must be aligned as closely as possible or belts will be stretched and worn excessively. Loosen engine and/or driven pulley setscrews and align pulleys. Tighten setscrews securely.

MAINTENANCE

Read the engine owner's manual thoroughly.

AFTER EACH USE

Grass, dirt, or chaff may clog engine cylinder head fins and blower housing. Check for clogged condition and if necessary, remove blower housing and clean.

CAUTION

Continued operation with a clogged cooling system causes severe overheating and possible engine damage.

FIRST 5 HOURS OF OPERATION

See Figure 10. Change engine oil as follows:

a. Run engine for a few minutes to warm engine oil.
b. Remove oil drain plug and allow oil to completely drain from engine.
c. Replace oil drain plug securely.
d. Remove dirt around engine oil filler plug.
e. Remove engine oil filler plug by turning counterclockwise.
f. Fill with SAE 30 grade MS oil until level with top of neck. Crankcase capacity is 1-1/4 pints.
g. Reinstall engine oil filler plug securely.

EVERY 5 HOURS OF OPERATION

See Figure 13. Check and add worm drive housing gear oil as follows:

a. Remove worm gear housing oil filler plug.

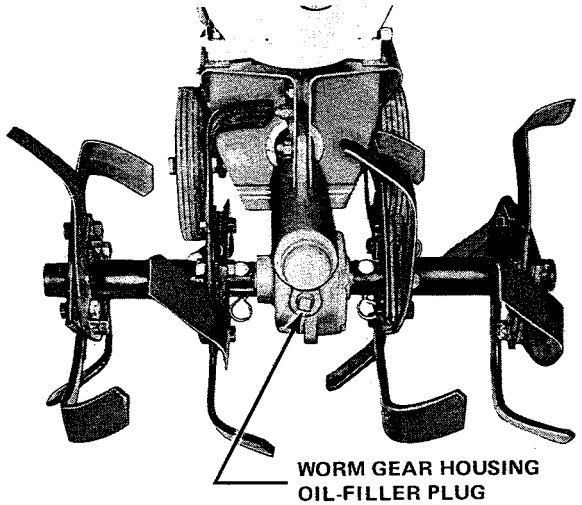


Figure 13.

CAUTION

There is a filter in a vent hole located at rear of worm drive housing. Do not remove this filter for any reason.

b. Oil level should be level with plug hole when tines are resting on ground.
c. If oil is required, tip tiller back until handles rest on ground. Add a small amount of special worm gear oil through plug hole and slowly lower tiller until tines rest on ground. Oil should be level with plug hole, if not, repeat procedure. Do not overfill.

CAUTION

DAMAGE TO THE WORM GEAR DRIVE WHICH RESULTS FROM USE OF ANY LUBRICANT OTHER THAN A SPECIAL WORM GEAR OIL WILL AUTOMATICALLY INVALIDATE THE WARRANTY. (See back cover for Special Work Gear Oil Part Number).

d. Tighten filler plug securely.

NOTE: The worm drive housing may become quite warm while operating. This is completely normal and no harm to gears will occur if the housing is kept filled as specified with the special worm gear oil.

EVERY 25 HOURS OF OPERATION

1. Change engine oil. Refer to change procedure in FIRST 5 HOURS OF OPERATION.

2. See Figure 14. Clean air cleaner and re-oil element. The air cleaner normally need not be cleaned for a full season unless tilling is done under extremely dusty conditions. Clean every few hours under extremely dusty conditions. Clean air cleaner as follows:

a. Remove screw attaching air cleaner assembly to carburetor.
b. Remove air cleaner assembly carefully from carburetor so as to prevent dirt from entering carburetor.
c. Disassemble air cleaner assembly.
d. Wash foam element in kerosene or liquid detergent and water to remove dirt.
e. Wrap foam in cloth and squeeze dry.
f. Saturate foam in engine oil. Squeeze to remove excess oil.
g. Assemble parts and secure air cleaner assembly to carburetor with screw.

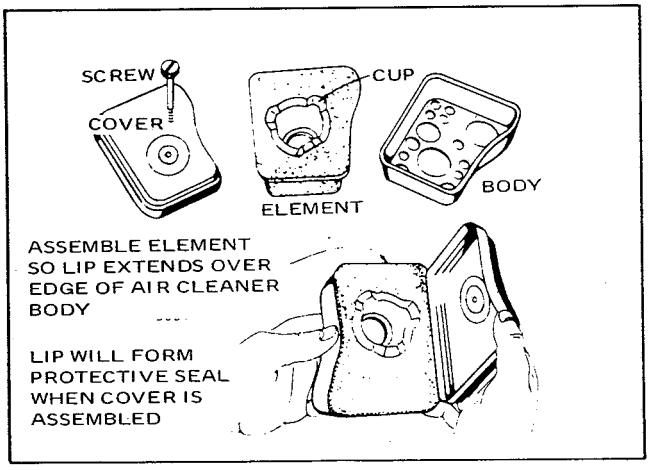


Figure 14.

EVERY 100 HOURS OF OPERATION

Clean and reset spark plug gap at 0.030 of an inch. Plug should be cleaned by scraping or wire brushing and washing with a commercial solvent or gasoline. Grease the plug threads before re-installing.

CAUTION

DO NOT BLAST CLEAN PLUG.

LUBRICATION

See Figure 15. To reduce wear and assure free movement of controls, apply light motor oil occasionally at points indicated. Be careful not to get oil on drive belts. Use only small quantities of oil. Excess oil collects dirt and causes extra wear. DO NOT OIL SELF-LUBRICATED WHEEL BEARINGS.

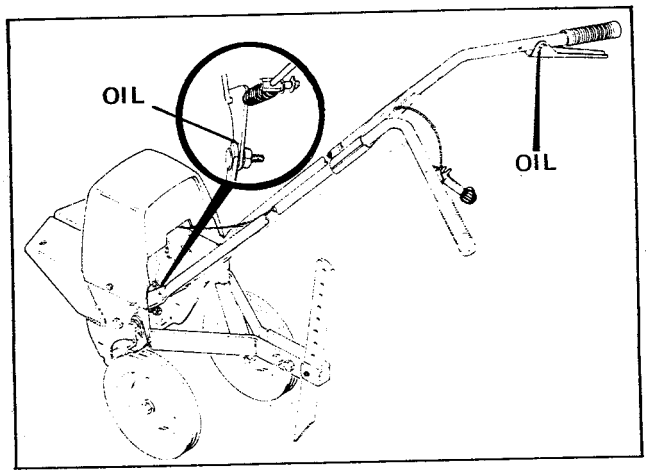


Figure 15.

REPAIRS

To prevent rust, sand off and paint any parts or areas which become chipped or damaged. Tighten all bolts, capscrews, nuts, and fasteners securely.

OFF-SEASON STORAGE

If tiller is to be stored over 30 days proceed as follows:

1. Clean fuel screen and bowl. See Maintenance section of this manual.

2. Drain fuel tank and lines by placing suitable container under fuel shut-off valve and opening valve. Store gasoline in container using a gasoline stabilizer or additive. This additive prevents formation of gum and varnish for up to one year.

3. Operate engine until gasoline in carburetor is completely consumed.

4. While engine is still warm, drain oil from crankcase. See Maintenance section of this manual. Refill with fresh oil.

5. Remove spark plug, pour one ounce (2 or 3 tablespoons) of SAE 30 oil into cylinder and crank slowly to distribute oil. Replace spark plug.

6. Clean dirt and chaff from cylinder head fins and blower housing.

TROUBLESHOOTING

IF ENGINE FAILS TO START

1. See Figure 9. Fuel tank may be empty.

2. See Figure 4. Throttle lever is not set halfway between SLOW and FAST position.

3. Spark plug is not securely connected.

4. See Figure 11. Choke plunger is not pulled out to full CHOKE position or, if engine appears flooded, pushed in, to clear excess fuel. To clear a flooded engine, push choke plunger completely in and pull starter rope several times.

IF BELT SLIPPAGE OCCURS

1. Belt may be stretched or worn excessively. Replace belt.

2. Belt may be greasy or oily. If so, use cleaning fluid on a rag to clean.

3. Pulleys may be misaligned. Refer to Pulley Adjustment in Adjustments section of this manual.

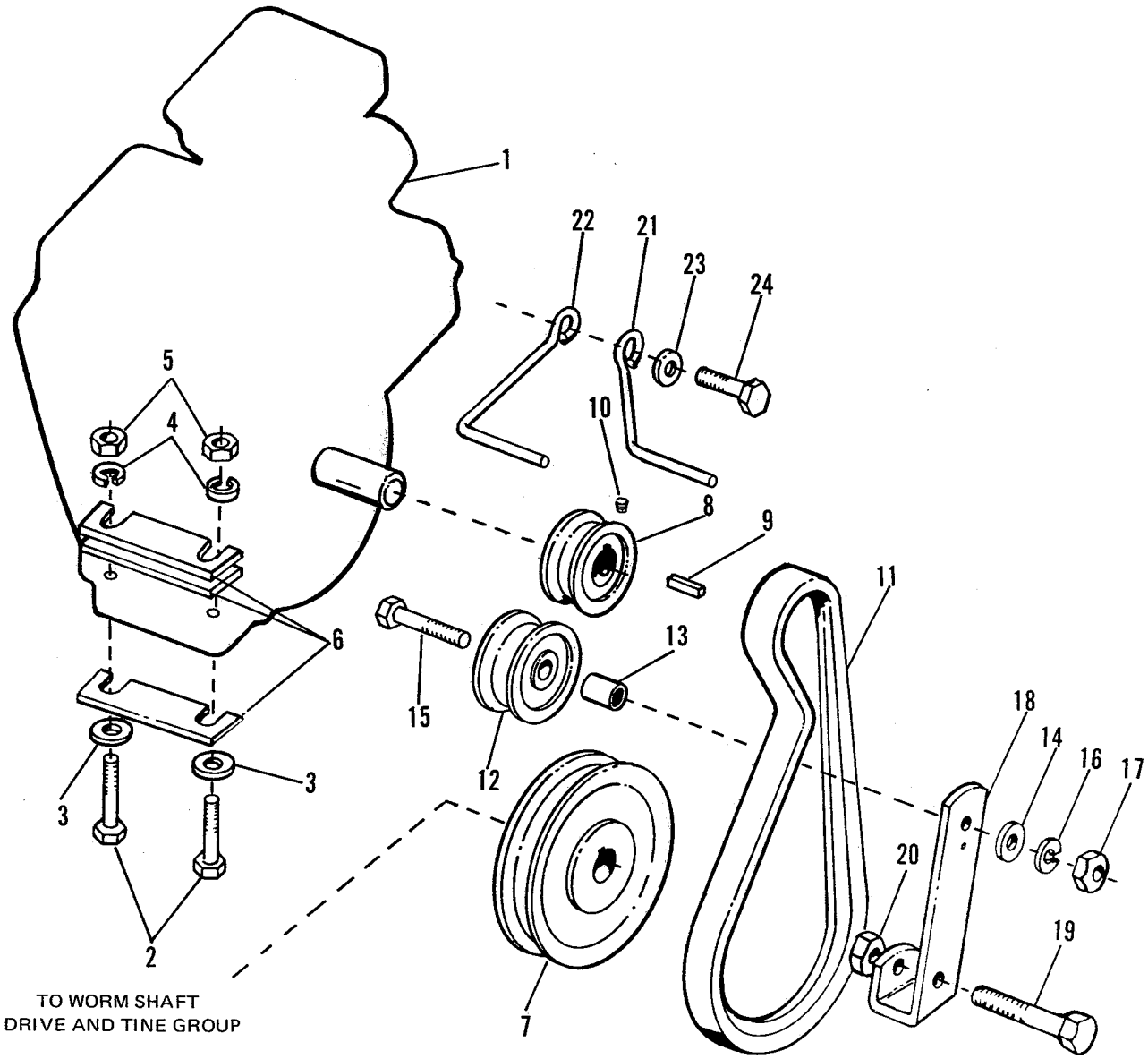
4. Belt tension may be too loose. Refer to Clutch in Adjustments section of this manual.

SPECIFICATIONS

ENGINE	MAKE: BRIGGS & STRATTON	■ MODEL NO: 80200 TYPE NO.: 0252-01 ■ STROKE: 1-3/4 Inches ■ CYCLES: 4 ■ DISPLACEMENT: 7.75 Cu. In. ■ CYLINDERS: 1 ■ CRANKSHAFT ■ BORE: 2-3/8 Inches PLANE: Horizontal
	STARTER	Manual Rewind, easy spin
	CHOKE	Manual
	GOVERNOR	Adjustable Mechanical, 1800 - 4000 RPM
	IGNITION	Magneto
	LUBRICATION	Gear Impeller System - 40% Slope Operation
		CRANKCASE CAPACITY: 1-1/4 Pints
	FUEL CAPACITY	2 Quarts
	AIR CLEANER	Sealed Joint Housing, Reusable Oiled Foam Element
	MUFFLER	Quiet, Low Back Pressure Type, Side Discharge
TRANSMISSION	TYPE	Worm and Gear
	MATERIAL	WORM: Carburized Steel
		GEAR: Bronze
	BEARINGS	FRONT: Tapered Roller Bearing
		REAR: Tapered Roller Bearing
	SEALS	DOUBLE LIP: Dirt Excluding
	LUBRICATION	Special Worm Gear Oil (See back cover).
	HOUSING	Cast Iron
	CLUTCH	Touch-O-Matic V-Belt
TINES	TYPE	Self-sharpening, non-winding
	MATERIAL	Forged, High-Carbon Steel
	TILLING WIDTH	21-1/2 In. Standard, 31-1/4 In. with Tine Extensions
	TILLING DEPTH	0 to 7 Inches, Adjustable
	ATTACHMENTS	TO HUB: Bolted
		TO SHAFT: Pin and Cotter Pin
	DRIVE	INNER: Pin Type Floating Drive
		OUTER: Pin and Torsion Plate Floating Drive
	SPEED	75 RPM at Full Engine Speed
DEPTH BAR	ATTACHMENT	Pin and Hairpin Clip
	ADJUSTMENT	0 to 7 Inches Tilling Depth
CONTROLS	LOCATION	FORWARD CLUTCH: Right Handle, Top
		THROTTLE: Left Handle
		REWIND STARTER AND CHOKE: On Engine
CHASSIS	FRAME	Heavy-Duty, Electrically Welded with Cross-Bracing
	TIRES	8 x 1.75 Solid Rubber
	WHEEL BEARINGS	Solid, Sintered Iron
OVERALL DIMENSIONS	LENGTH	51 Inches
	WIDTH	26 Inches (Without Tine Extensions)
	HEIGHT	TO TOP OF HANDLE: 38-1/4 Inches
		TO TOP OF ENGINE: 27-3/4 Inches
	WEIGHT	NET (DRY): 113 Lbs.
		SHIPPING (DRY): 123 Lbs.

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

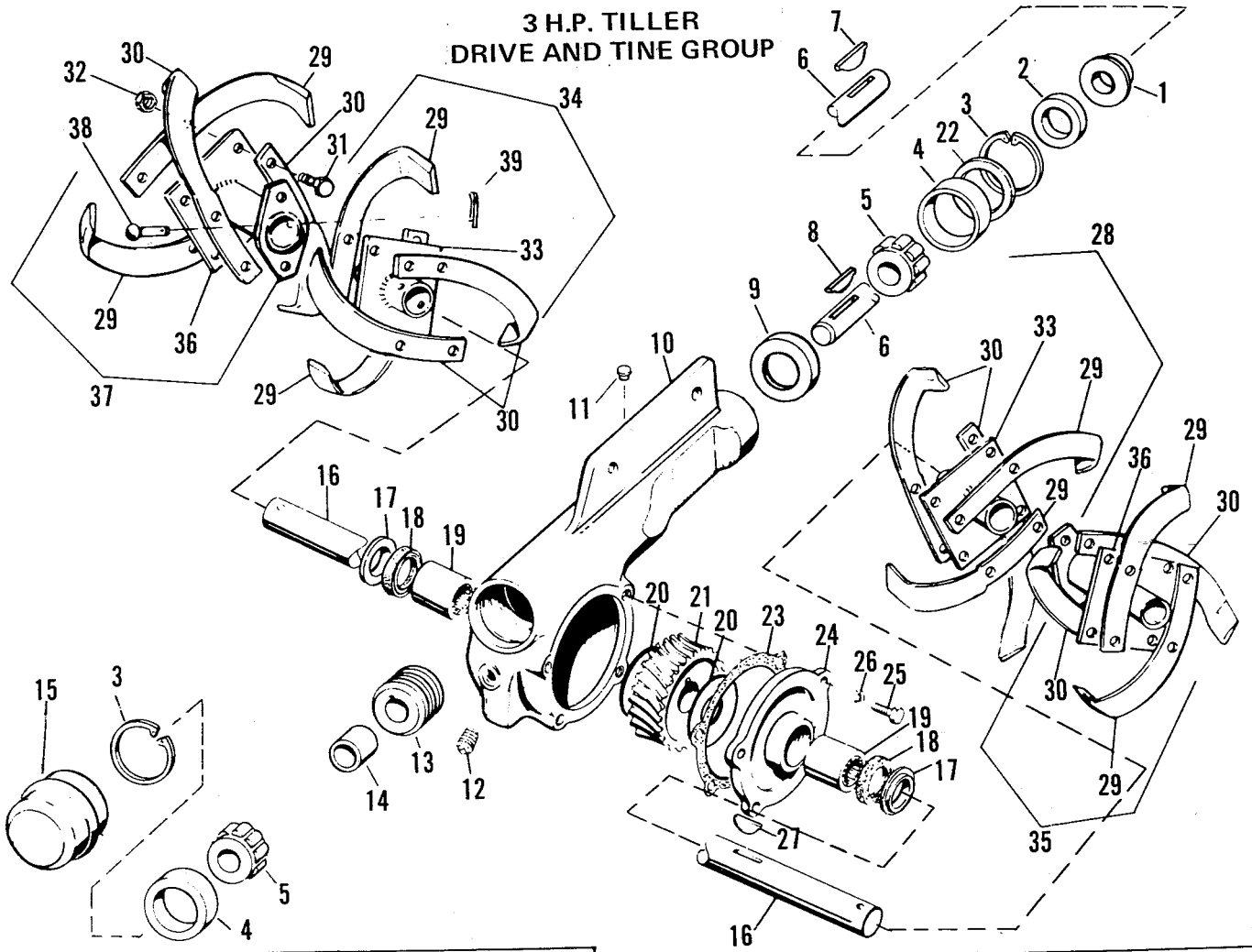
3 H.P. TILLER
ENGINE PULLEY & CONTROL GROUP



Ref. No.	Part No.	Qty.	Description
1	118464	1	ENGINE
2	919354	4	CAPSCREW, Hex, 5/16-18 x 2
3	917642	8	WASHER, Flat, 5/16
4	917356	4	LOCKWASHER, 5/16
5	917372	4	NUT, Hex, 5/16-18
6	118463	6	SHIM
7	118470	1	PULLEY, Driven
8	118027	1	PULLEY, Engine
9	905850	1	KEY, Square
10	928691	1	SETSCREW, Cup
11	118312	1	BELT, "V"
12	154534	1	PULLEY, Idler

Ref. No.	Part No.	Qty.	Description
13	118335	1	SPACER
14	917642	1	WASHER, Flat, 5/16
15	921971	1	CAPSCREW, Hex, 3/8-16 x 1-3/4
16	916965	1	LOCKWASHER, 3/8
17	916950	1	NUT, Hex, 3/8
18	1609352	1	LEVER, Idler pulley
19	171337	1	BOLT, Pivot
20	923362	1	LOCKNUT, Hex, 5/16
21	106545	1	STOP, Belt
22	118037	1	STOP, Belt
23	909589	1	LOCKWASHER, 1/2
24	921370	1	CAPSCREW, Hex, 1/2-20 x 1

3 H.P. TILLER
DRIVE AND TINE GROUP



Ref. No.	Part No.	Qty.	Description
1	118400	1	SHIELD
2	118393	1	SEAL, Oil
3	118396	2	RING, Retaining
4	154393	2	CUP, Bearing
5	154486	2	CONE, Bearing
6	170888	1	SHAFT, Worm
7	118439	1	KEY
8	911171	1	KEY, 3/16 x 7/8
9	118399	1	CUP
10	118392	1	HOUSING, Worm drive
11	118462	1	PLUG, Vent
12	901653	1	PIPE, Plug 3/8
13	118492	1	WORM, R.H.
14	118398	1	SPACER
15	154487	1	CAP, Hub
16	118021	1	SHAFT, Worm gear
17	118403	2	SHIELD
18	118118	2	SEAL, Oil
19	118020	2	BEARING, Needle
20	118315	2	WASHER, Thrust
21	118022	1	GEAR, Worm R.H.
22*	170885	1	RING, Backing
22*	171762	1	RING, Backing
23	118024	1	GASKET

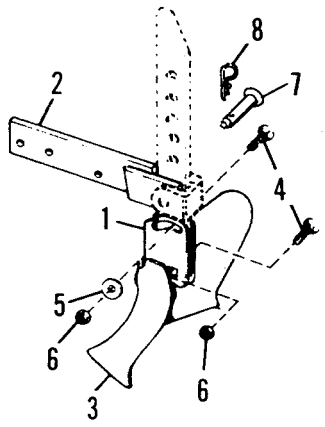
Ref. No.	Part No.	Qty.	Description
24	118402	1	COVER
25	921959	4	CAPSCREW, Hex hd., 1/4-20 N.C. x 5/8
26	916964	4	LOCKWASHER, 1/4
27	930246	1	KEY, Woodruff, 1/4 x 3/4
28	1609337	1	BLADE ASSY., L.H. Inner, Tine
29	8152001	8	BLADE, L.H. Tine
30	8152002	8	BLADE, R.H. Tine
31	920488	32	CAPSCREW, Hex, 7/16, 20 x 1-1/4
32	928867	32	NUT, full hex, 7/16-20
33	1609332	2	PLATE ASSY., inner tine
34	1609338	1	BLADE ASSEMBLY, R.H. Inner Tine
35	1609339	1	BLADE ASSEMBLY, L.H., Tine, Outer
36	1609334	2	PLATE ASSY., Tine, Extension Outer
37	1609340	1	BLADE ASSEMBLY, R.H., Tine Outer
38	118053	4	PIN
39	918451	4	PIN, Cotter, 1/8 x 3/4

Worm Drive Assy. consists of Ref. Nos. 1 through 27.

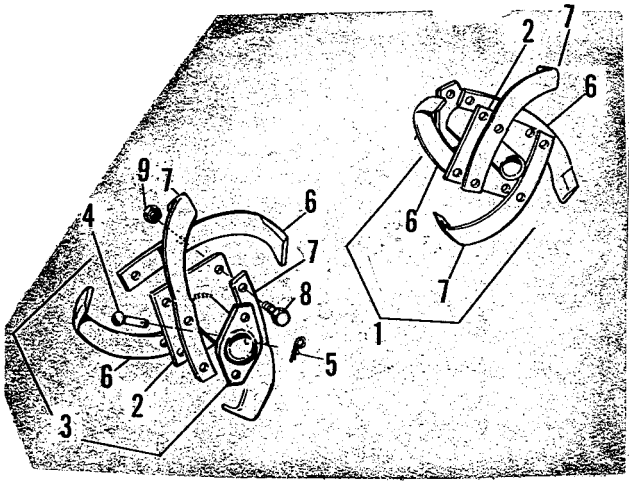
* Selective fit due to machining of components.

3 H.P. TILLER
MFG. NO. 1600373
FURROW OPENER

Ref. No.	Part No.	Qty.	Description
1	8271503	1	TOOL HOLDER ASSY.
2	118287	1	SUPPORT ASSEMBLY
3	103010	1	OPENER, Furrow, 8-Inch
4	922109	2	BOLT, 3/8-16 x 1-1/4
5	917378	1	WASHER, Flat, 3/8
6	916950	2	NUT, Hex, 3/8
7	118053	1	PIN
8	918196	1	CLIP, Hairpin

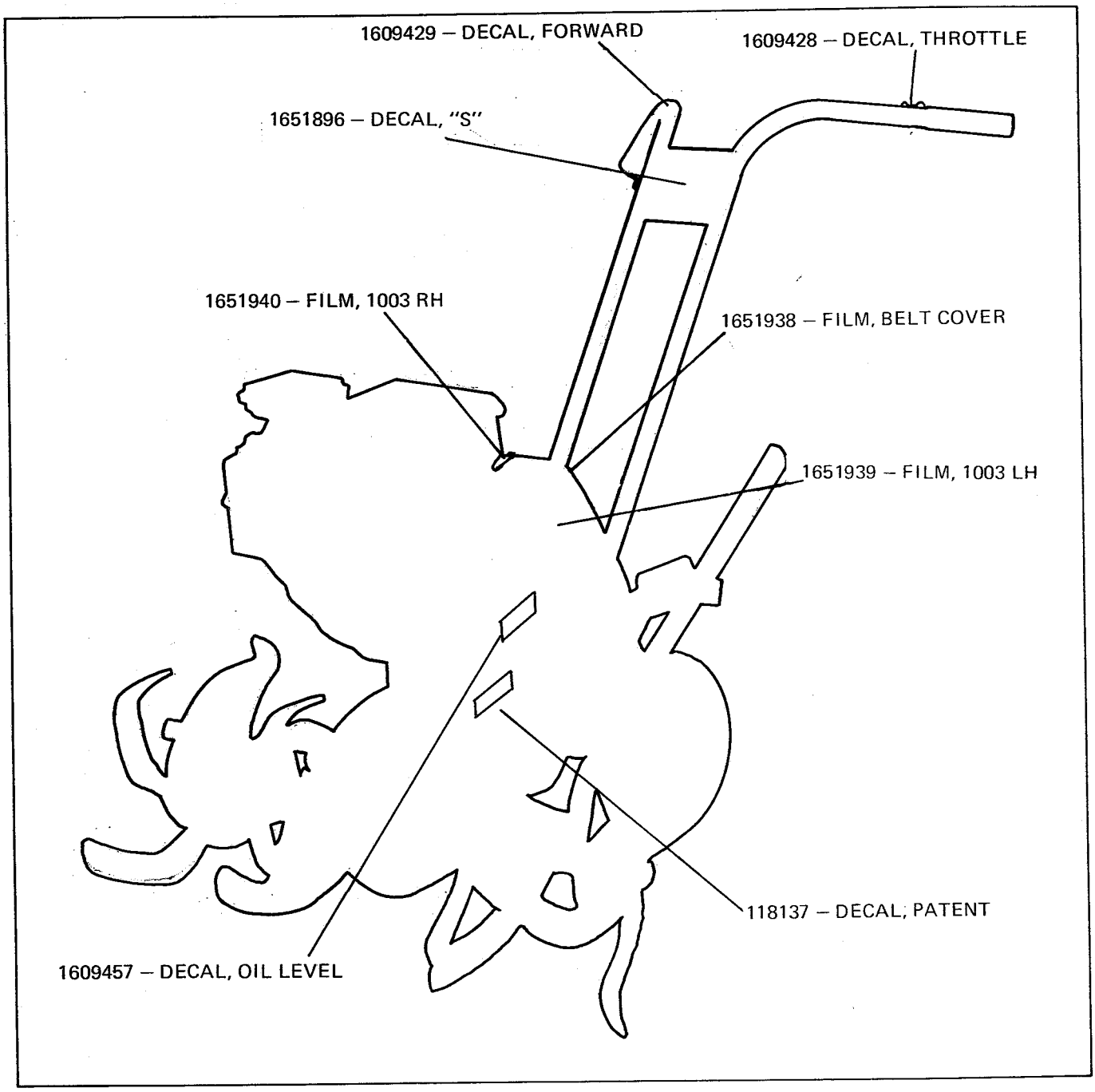


3 H.P. TILLER
MFG. NO. 1600407
TINE EXTENSION KIT



Ref. No.	Part No.	Qty.	Description
1	1609339	1	BLADE ASSY., Tine left
2	1609334	2	HUB & PLATE ASSY.
3	1609340	1	BLADE ASSY., Tine right
4	118053	2	PIN
5	918196	2	CLIP, Hairpin
6	8152001	4	BLADE, Tine, left
7	8152002	4	BLADE, Tine, right
8	920488	8	CAPSCREW, hex, 7/16-20 x 1-1/4
9	928867	8	LOCKNUT, hex, 7/16-20

DECALS



SIMPLICITY SPECIAL WORM GEAR OIL - Mfg. No. 1600374

LIMITED WARRANTY

New SIMPLICITY products sold by Simplicity Manufacturing Company are warranted by Allis-Chalmers Corporation (the Company) to be merchantable and free of defects in workmanship and material at the time of shipment from the Company's factory. **THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THOSE EXPRESSLY STATED HEREIN.**

No warranty of any kind, statutory, implied or otherwise, is made or shall be imposed upon the Company with respect to (1) new products which have been subject to operation in excess of recommended capacities, misuse, negligence, or accident, or have been altered or repaired in any manner not authorized by the Company, or (2) tires, engines, generators, voltage regulators or accessories that are warranted separately by their respective manufacturers except that the Company agrees to make available to the first user whatever warranty benefits may be made available to the Company by such manufacturer.

The Company will repair or replace, without charge, any part which under normal use and service fails to conform to this warranty, provided that such parts shall be returned to the Company's authorized Dealer, transportation charges prepaid, within 12 months from the date of delivery of such new product to the first user.

Parts installed by an authorized Dealer, including parts furnished under this warranty, are warranted to be free from defects in workmanship and material for a period of 90 days from the date of installation of such parts or to the expiration of the original warranty, whichever is later. The Company will repair or replace, without charge, any part not conforming to this warranty.

THE COMPANY'S LIABILITY ARISING OUT OF WARRANTIES, REPRESENTATIONS, INSTRUCTIONS, OR DEFECTS FROM ANY CAUSE, SHALL BE LIMITED EXCLUSIVELY TO REPAIR OR REPLACING PARTS UNDER THE CONDITIONS AS AFORESAID, AND IN NO EVENT WILL THE COMPANY BE LIABLE FOR CONSEQUENTIAL DAMAGES.

Service under the terms of this warranty must be obtained at an authorized Simplicity Dealer.

Rotary tiller tines are warranted against breakage for the normal life of the rotary tiller. Simply return any broken tine to an authorized Simplicity Dealer, and the broken tine will be replaced at no charge.