SERVICE MEMO NO. 125-CS

DSM NO. 69

HOMELITE

A DIVISION OF
TEXTRON AMERICAN, INC.

Distribution: List No's. 9, 11

TO: All Branches and Dealers

SUBJECT: Air Shroud for Model 26, 5-30 and 7-29 Saws **DATE:** 1/2/57

In the future we will supply air shroud Part No. A-74474 for service of the 26, 5-30 and 7-29 saws. A-74474 was designed as original equipment for the 7-29, but fits all three units.

Please mark your records as follows:

AA-72393 Air Shroud superseded by A-74474

Walter N. Herold
Service Manager

pam

HOMELITE
A DIVISION OF
TEXTRON AMERICAN, INC.

Distribution: List No's. 4, 9

TO: All Dealers and Branches

SUBJECT: Homelite Announces Two New Bow Attachments

DATE: 2/1/57

I. A 14" Bow Attachment for the EZ is now available.

II. A new 14" Bow Attachment for Model 17 and 5-20 available also.

This is the story:

We now can supply 14" bows for the EZ and new 14" bow guides for the 17 and 5-20. These new 14" guides mount directly onto the drive case, just as a straight bar or a clearing guide does. The cast mounting plate is no longer required.

Here are the Part Numbers:

For the EZ Order:

Part No.	Description	No. Required
55953	Bow Guide 14"	1
A-56012	Bow Mounting Kit	1

The A-56012 Bow Mounting Kit is composed of the following parts:

55952	Guard	1
80355	Screw 1/4-20 x 1/2	2
83009	Lockwasher, 1/4	2
81013	Nut, 1/4-20	2
72784	Spur	1
80546	Screw, 5/16-24 x 1 1/4	2
A-55668-1	Cover Assembly	1
	Which is composed of:	
*55519-1	Cover	1
55613	Pin, Adjusting	1
80617	Screw, Rd. Hd. 5/16-18 x 2	1
81123	Nut, Hex Lock, 5/16-18	1

* The cover is cut out to clear the guide and chain.

This bow uses a standard 21" chain, A-51536.

For the 17 and 5-20 Bow (14" Size) Order:

Part No.	Description	No. Required
55921	Bow Guide, 14"	1
A-55955	Bow Mounting Kit	1

The A-55955 Bow Mounting Kit is composed of the following parts:

72779	Guard	1
72226	Handle	1
72784	Spur	1
55297	Guard	1
80559	Screw, Hex hd. 5/16-24 x 1 1/2	2
84001	Washer, Flat 5/16	2
80546	Screw, hex hd. 5/16-24 x 1 1/4	2
81112	Nut, Hex 5/16-24	4
*A-55591-1	Adjusting Plate Assembly	1

*This A-55591-1 Adjusting Plate Assembly is 1/4 inch narrower than the standard 17 or 5-20 Adjusting Plate, to clear the oil passage which is part of the new guide. The adjusting plate only carries Part No. 55551-1.

NOTE:

The 55921 Guide was designed for an 8 tooth, 1/2 inch pitch sprocket. Sprocket Part No. 55593 should be used with a standard 23 inch chain, AA-73340.

Customers who use a 14" Bow on a 5-30 or 7-29 Saw must continue to use A-73739 14" Bow Guide since we have not made any changes for the 5-30 and 7-29 bars nor have we changed the 18" Bow Attachments; however, our test results are very encouraging and we hope that for the Models 17 and 5-20 we will soon be able to supply 18" Bow Guides of the new design.

Walter N. Herold
Service Manager

pam

SERVICE MEMO NO. 131-CS

DSM NO. 72

HOMELITE
A DIVISION OF
TEXTRON AMERICAN, INC.

Distribution: List No's. 9, 11

TO: All Branches and Dealers

SUBJECT: Brush Cutter Maintenance

DATE: 2/20/57

Recent experience has indicated that the service life of the Brush Cutter flexible shaft can be extended by frequent lubrication and by reversing the shaft end for end.

For the occasional user who uses the Brush Cutter only five to ten hours a week, we recommend that the shaft be greased and reversed every other week.

For production users who operate the Brush Cutters continuously and daily, we recommend that the shaft be serviced daily:

> Loosen the two Allen screws which clamp the lower head to the tubular shaft housing. Remove the lower head and -- if the flexible shaft has remained in the casing -- remove the flexible shaft from the casing. Be careful to keep the surface of the flexible shaft free from dirt or grit.
>
> Reverse the shaft end for end. Then, while you reinsert the shaft, thoroughly grease the entire surface of the flexible shaft with Lubriplate or a similar good grease.
>
> Just before the shaft is home, insert the lower square of the shaft into the lower head coupling. Then complete assembly by reinstalling the lower head on the tubular housing, making sure that all parts mate properly. Check for free operation by rotating the Brush Cutter blade.

Walter N. Herold
Service Manager

pam

SERVICE MEMO NO. 132-CS

DSM NO. 73

HOMELITE
A DIVISION OF
TEXTRON AMERICAN, INC.

Distribution: List Nos. 9, 11
(See Also Memo No. 122-CS)

TO: All Branches and Dealers

SUBJECT: 7-29 Crankshaft, Governor, Connecting Rod **DATE:** 2/21/57

Engineering changes have been made on the above listed parts:

1. A new Crankshaft, Part No. A-77159 supersedes both previous shafts. The new shaft is equipped with three cups to guide the governor. We will no longer supply shafts No. 74129 or 74129-A.

2. A new Governor, Part No. A-6051 must be used with the new shaft. This governor has shorter pins and springs to increase its strength.

3. A new Connecting Rod Assembly, Part No. A-74552-A supersedes A-74552. The new rod has a narrow (25/32 inch) piston pin bearing boss and uses a single piston pin bearing, Part No. 71167. This single bearing is .005 inch larger in outside diameter than the two bearings which make up bearing set Part No. AA-26782.

Walter N. Herold
Service Manager

SERVICE MEMO NO. 138-CS

DSM NO. 70

HOMELITE
A DIVISION OF
TEXTRON AMERICAN, INC.

Distribution: List No's. 9, 11

TO: All Branches and Dealers

SUBJECT: Wico Coil Part No. 55403 **DATE:** 4/3/57

Coil, Part No. 55403 is now supplied with an "internal ground".

This improved construction eliminates coil failures due to flexing of the ground leads. Being "internal" you can no longer see the ground leads on these latest coils.

Walter N. Herold
Service Manager

pam

SERVICE MEMO NO. 140-CS

DSM NO._____

HOMELITE
A DIVISION OF
TEXTRON INC.

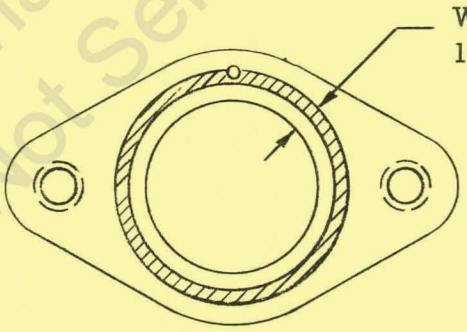
Distribution: List No. 9

TO: All Branches

SUBJECT: 7-29 Intake Manifold No. 74386-A **DATE:** 4/3/57

A circular groove is machined into the carburetor flange face of Part No. 74386-A Manifold. This groove carries idle fuel from the carburetor to the idle intake hole in the crankcase. Idle fuel is not supposed to spill into the main passage of the intake manifold -- if it does, it collects in a puddle and the engine will not accelerate - it will smoke badly - full load operation may be erratic - or the saw may stall rich and will be difficult to restart.

Some 7-29 engines may behave just that way because the cored main passage is not concentric with the circular groove. If you have such an engine, inspect the manifold. If the wall thickness (see sketch below) is less than 1/16", replace the manifold with a better one from stock. If you have bad manifolds in stock, scrap them and request replacements from Service Parts.



Sketch Shows Carburetor Flange Face
With Circular Groove (Shaded)

Walter N. Herold
Service Manager

pc

SERVICE MEMO NO. 146-CS

DSM NO. 75

HOMELITE
A DIVISION OF
TEXTRON AMERICAN, INC.

Distribution: List Nos. 9, 10, 11

TO: All Branches and Dealers

SUBJECT: Location of Main Diaphragm Gasket in Chain Saw Carburetors

DATE: 5/15/57

Both Tillotson and Brown have made some changes which make it necessary to state exactly how the main diaphragm gasket should be installed.

Brown Model 1CS carburetors use a main diaphragm with a 3/32" high button. The gasket in the 1CS carburetor fits on the fuel side of the diaphragm. Brown Model 5CS carburetors (now under test here) have main diaphragms with a lower (less than 1/16" high) button. In these Model 5CS carburetors the gasket is installed on the air side of the main diaphragm.

Tillotson carburetors are now coming through with "convoluted" diaphragms (diaphragms with a circular ridge to permit easier flexing). With these convoluted diaphragms the gasket is used on the fuel side. In earlier Tillotson carburetors which have flat diaphragms (which cannot flex as far) the gasket is used on the air side to make sure that the inlet lever can be depressed properly.

Walter N. Herold
Service Manager

kah

SERVICE MEMO NO. 148-CS

DSM NO. 76

HOMELITE
A DIVISION OF
TEXTRON AMERICAN, INC.

Distribution: List Nos. 9, 11

TO: All Branches and Dealers

SUBJECT: Model BC Brush Cutter **DATE:** 5/15/57

I. Five doughnut shaped Bumpers, Part No. 55846 have been added to the Hanger Assembly to cushion the unit on the operator's hip.

II. A rubber tube has been added over the Throttle Cable to prevent flexing of the Ferrule on the casing. A larger Clip, Part No. 55848 replaces 55596 to fasten the Throttle Assembly to the upper head casting.

Please note these changes in your BC Parts List.

Walter N. Herold
Service Manager

pam

SERVICE MEMO NO. 150-CS

DSM NO. _____

...CE · DEPENDABILITY

HOMELITE

...RVICE

A DIVISION OF
TEXTRON AMERICAN, INC.

Distribution: List Nos. 9, 10

TO: All Branches

SUBJECT: Guide Bars

DATE: 5/15/57

We are now starting to ship some guide bars with a satin chrome finish in addition to our bright chrome guide bars.

These guide bars are fully interchangeable and sell for the same price.

Walter N. Herold
Service Manager

kah

SERVICE MEMO NO. 152-CS

DSM NO. 77

HOMELITE
A DIVISION OF
TEXTRON AMERICAN, INC.

Distribution: List No's. 9, 11

TO: All Branches and Dealers

SUBJECT: 1/2" Pitch Sprocket for Direct Drive Saws **DATE:** 6/19/57

A Homelite-built 1/2" pitch sprocket is now available for the EZ and EZ-6.

The part number is A-56019; the needle bearing is included under that number.

Walter N. Herold
Service Manager

pam

SERVICE MEMO NO. 156-CS

DSM NO. 79

HOMELITE
A DIVISION OF
TEXTRON AMERICAN, INC.

Distribution: List Nos. 9, 10, 11

TO: All Branches and Dealers

SUBJECT: Throttle Damping Spring Part No. 56175 for A-56066, A-56067, A-55928 and A-55928-1 Carburetors.

DATE: 6/27/57

We have found that the speed regulation and smooth governor action of EZ-6 and 6-22 Chain Saws can be further improved by adding a light coil spring on the throttle shaft of the carburetors for these saws.

Spring, Part No. 56175 was designed for this purpose and is now available. On Tillotson Carburetors (A-56066 and A-56067) it is installed on the throttle roller side. On Brown carburetors the spring is assembled on the throttle lever side.

We have also made arrangements with Brown and Tillotson to have our carburetors equipped with a "Universal" throttle lever which will make it possible to use one carburetor for the 17, EZ, EZ-6, 5-20 and 6-22. The new throttle levers will have four holes. A diagram, showing the correct hook-up for each saw will be included with every new throttle lever and with every complete carburetor.

Walter N. Herold
Service Manager

kah

SERVICE MEMO NO. 160-CS

DSM NO. 80

HOMELITE
A DIVISION OF
TEXTRON AMERICAN, INC.

Distribution: List No's. 9, 11

TO: All Branches and Dealers

SUBJECT: Sprocket Shaft & Sprocket Pulley
For 7-29 and 5-30 Saws

DATE: 7/2/57

The Sprocket Shaft for 5-30 and 7-29 chain saws has been improved:

The OD of the sprocket shaft flange was increased from 1 5/8" to 1 3/4".

The flange thickness was increased from 1/8" to 5/32".

The countersunk holes were changed to accept 12 - 28 screws.

A new Sprocket Pulley is used together with the new Sprocket Shaft. The new Sprocket Pulley is tapped for No. 12-28 screws. We use Allen Socket Head Screws.

This more rugged assembly is factory installed in all 5-30's above Serial No. 716665. It may be used to service all 7-29 and 5-30 saws.

Here are the part number changes involved:

	Old Style	New Style
Sprocket Shaft	71817-B	71817-C
Sprocket Pulley	73065	73065-A
Flathead Screws	80600 (10-32 Spinlock)	80659 (12-28 Allen)

Walter N. Herold
Service Manager

pam

SERVICE MEMO NO. 162-CS

DSM NO. 81

HOMELITE
A DIVISION OF
TEXTRON AMERICAN, INC.

Distribution: List Nos. 9, 11

TO: All Branches and Dealers

SUBJECT: Parts Lists for EZ-6 Chain Saws **DATE:** 7/10/57

The R. E. Phelon Company delivers to us two types of magnetos which we use to assemble EZ-6 Chain Saws.

One Magneto has a 5 1/4" diameter Rotor --- the associated parts list is Parts List No. 23218.

The other Magneto has a 6" diameter Rotor --- the associated parts list is Parts List No. 23218-1.

A copy of 23218-1 (punched to fit your Service Manual) is enclosed for your records. No. 23218 is already in your possession.

Be sure to use the applicable parts list when you select spare parts.

Walter N. Herold
Service Manager

cp
Enc.

SERVICE MEMO NO. 163-CS

DSM NO. 82

HOMELITE
A DIVISION OF
TEXTRON AMERICAN, INC.

Distribution: List Nos. 9, 11

TO: All Branches & Dealers

SUBJECT: Governor Spring For 6-22 **DATE:** 7/10/57

Governor Spring, Part No. 56179 replaces Spring, Part No. 55588 in the Model 6-22 Chain Saw.

Spring, Part No. 56179 is made from .014" diameter wire which is .001" heavier than the wire for No. 55588. For easy identification, Spring, Part No. 56179 is colored green.

Please mark your 6-22 Parts List to indicate use of the new Spring in the 6-22. Continue to use Spring, Part No. 55588 (colored red) for service of Model 5-20 saws.

Walter N. Herold
Service Manager

pam

SERVICE MEMO NO. 165-CS

DSM NO. 83

HOMELITE

A DIVISION OF
TEXTRON AMERICAN, INC.

Distribution: List Nos. 9, 11

TO: All Branches and Dealers

SUBJECT: Brown Carburetors **DATE:** 8/1/57

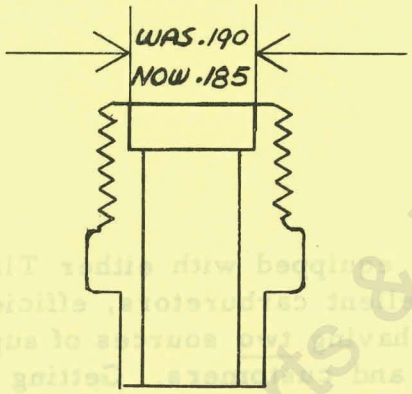
Homelite chain saws are equipped with either Tillotson or Brown carburetors. Both carburetors are excellent carburetors, efficiently designed and well constructed. Furthermore, having two sources of supply assures a steady flow of Homelite saws to dealers and customers. Getting "used to" the Brown carburetor wasn't entirely easy -- there were some initial troubles -- however, these have been corrected, and this memo is intended to keep you up-to-date.

1. Brown carburetors were first shipped with solid brass inlet seats. These seats were subject to fouling from dirt in the fuel, -- also they wore rather quickly -- carburetors flooded, and it was difficult to get a good adjustment.

2. We immediately changed to a Hycar insert in the inlet seat. These Hycar inserts are molded in multiple cavity molds and the inserts -- as well as the size of the counterbore in the brass piece -- are subject to normal manufacturing tolerances. You get relatively small inserts, large inserts, small counterbores and large ones. Specifically, insert diameters vary from .188" to .195". The counterbore is held rather closely to .190" This size was chosen to allow for the expansion of Hycar which occurs when the insert comes into contact with fuel.

   What we didn't realize or sufficiently allow for is the fact that these Hycar inserts also shrink as they get dry (which happens during shipment of the saw) and that the next time they get wet with fuel they don't expand as much as the first time. That is the reason why a few of the insert and seat combinations leaked. These were the ones where an insert at the low end of the tolerance was fitted into a seat on the high end of its tolerance. Fuel flowed around the Hycar insert -- the carburetor flooded -- and it was difficult or nearly impossible to get a good adjustment.

3. This condition has now been remedied. Brand new inlet needle and seat assemblies (still under Part No. A-74996-A) have been sent to all our Branch offices. The seat counterbore in these new assemblies has been reduced from .190" to .185" diameter as shown here:



Even the smallest inserts, wet or dry, are held snugly in place - fuel can no longer by-pass the needle - the flooding condition has been controlled.

To identify the new assemblies, boxes with the new parts have been stamped "185". Order your supply today.

Walter N. Herold
Service Manager

kah

SERVICE MEMO NO. 166-0

DSM NO. 84

PERFORMANCE · DEPENDABILITY · SERVICE

HOMELITE

A DIVISION OF
TEXTRON AMERICAN, INC.

Distribution: List Nos. 9, 11

TO: All Branches & Dealers

SUBJECT: Loctite Thread Locking Kit
Homelite Part No. A-23251
$3.50 Net

DATE: 8/9/57

Here's something new to help you build additional Homelite sales through satisfied customers.

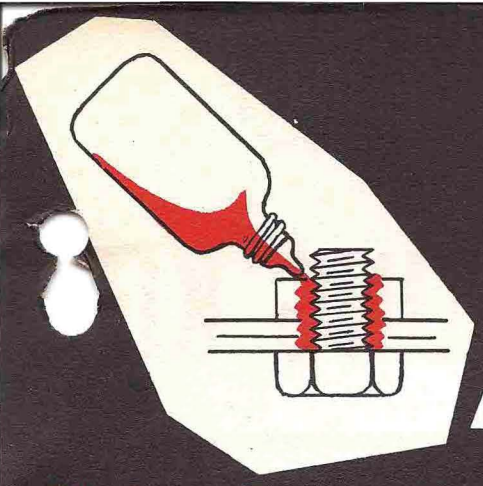
The attached bulletin describes the Loctite Thread Locking Kit, a sure and easy means to keep nuts and screws tight. Read the bulletin and find out how easy it is to make every nut a lock nut . . . every screw a lock screw.

Each Loctite Kit contains 3 tubes of sealant, a bottle of activator and instructions printed right on the cover. There's enough Loctite in each Kit to lock all the fasteners on a dozen Homelite saws. At the low price of $3.50 per Kit, you can't afford NOT to give your customers this new "Fastener Insurance" on every repair job.

To get your Loctite Kit as fast as possible, fill out and return the enclosed reply card TODAY! Your Kit will be shipped within 24 hours after I receive your order.

Walter N. Herold
Service Manager

las
Attach.



NO MORE BREAKDOWNS DUE TO LOOSE NUTS AND BOLTS

LOCTITE® SEALANT

Makes Every Nut A Lock Nut — Every Screw A Lock Screw

THREAD LOCKING KIT

Designed Especially for HOMELITE DEALERS

TRIED AND PROVED IN FACTORY PRODUCTION . . . NOW AVAILABLE FOR FIELD SERVICE

All of the important fasteners on every ***new*** Homelite chain saw are secured with Loctite sealant. Loctite is a liquid plastic that penetrates the threaded joint . . . hardens automatically . . . grips securely. Fasteners treated with Loctite sealant never shake loose, yet you can remove them with ordinary tools.

NOW you can give your customers *the same* protection on your repair jobs.

BUILD SALES WITH SATISFIED CUSTOMERS!

Don't let vibration undermine your repair jobs. Counteract this problem before it begins . . . treat all the fasteners on equipment you service with Loctite sealant. Parts ***stay*** assembled, bolts and nuts ***stay*** secure. Stop trouble before it starts and make ***your*** customers happy. You'll ***gain*** a reputation for superior service that will increase sales.

HANDY . . . EASY TO USE LOCTITE KIT

Working with Homelite, American Sealants Company has designed a handy Loctite Kit. This self-storing, easy to use Kit contains 3 tubes of Loctite sealant, a bottle of Locquic activator, and instructions printed right on the cover. There's enough Loctite in each Kit to lock all the fasteners on a dozen Homelite saws.

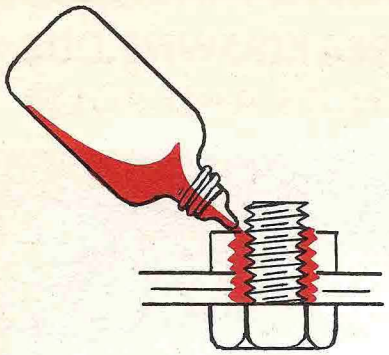
THOUSANDS OF OTHER USES

Loctite sealant can be used on all kinds of equipment . . . automotive, agricultural, logging and construction equipment. Eliminates need for lock washers, staking, tab washers, lock nuts, plastic inserts.

GIVE YOUR CUSTOMERS "FASTENER INSURANCE" on every repair job . . . order your Loctite Kit today . . .

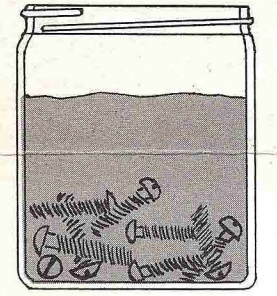
Price $3.50 net

LOCKS ALL SIZES — ALL TYPES



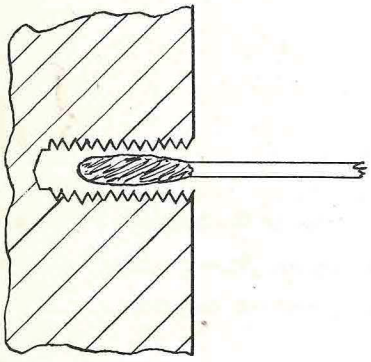
DIRECTIONS FOR USE

THREAD LOCKING KIT



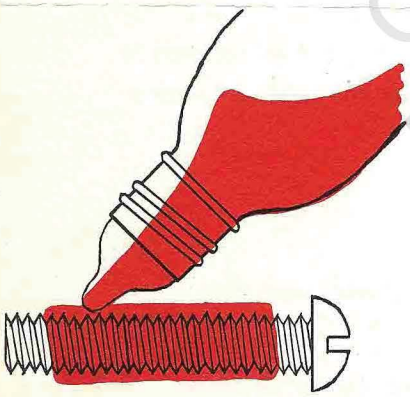
1. **Remove screws** to be treated and place them in the jar of Locquic activator. Shake, then remove and let dry for ten minutes. Treatment with Locquic activator is necessary only where threaded fasteners are cadmium or zinc plated. Unplated screws need only be free of grease and oil.

2. **Clean threads** of tapped holes with cotton swab dipped in Locquic activator. Let the activator evaporate so that the tapped hole is dry before the Loctite-treated screw is inserted.



3. **Apply Loctite sealant** by running the applicator nozzle across the threads of the screw. On nuts, Loctite sealant can be applied after assembly by squeezing a small amount of Loctite between the threads and the nut.

4. **Replace screws in tapped holes.** Allow the equipment to stand overnight (a minimum of 12 hours) before putting into service. Screws will then be secure against impact and vibration, but will still be removable with ordinary tools.



5. **Removing Screws:** Loctite sealant provides more gripping power than older locking devices. The longer the screw, the greater the gripping strength. If the length of the screw engaged with the internal thread is *more than twice* its diameter, it may be necessary to heat the screw to remove it. Hold a soldering iron on the screw head and remove the screw while it is hot. Be sure the screw driver fits snugly in the screw slot.

LOCTITE® SEALANT

7-57-H- (5-7M) is a product of AMERICAN SEALANTS CO., Hartford 6, Conn. PRINTED IN U.S.A.

SERVICE MEMO NO. 167-CS

DSM NO. 85

HOMELITE
A DIVISION OF
TEXTRON INC.

Distribution: List Nos. 9, 11

TO: All Branches and Dealers

SUBJECT: Clearing Attachments

DATE: 8/16/57

A-55379 Clearing Attachment fits the Model 17 and 5-20 chain saws only. It will not operate satisfactorily on the Model 6-22 saw. A six tooth sprocket is used with A-55379.

For the Model 6-22 saw we have designed Clearing Attachment A-56169. This new Clearing Attachment will be wider on the mounting end to work with the eight tooth sprocket on the large sprocket shaft which is part of every 6-22. The new Clearing Attachment will become available early in September and should be reserved for use on 6-22 saws only. As the supply becomes plentiful the new attachment will replace A-55379 on 17 and 5-20 saws where it will be used with eight tooth sprockets.

Walter N. Herold
Service Manager

pc

SERVICE MEMO NO. 170a-CS

DSM NO._____

HOMELITE
A DIVISION OF
TEXTRON INC.

Distribution: List No. 5

TO: All Branches

SUBJECT: Unit Designations

DATE: 9/27/57

Saws built in our Gastonia Plant are identified by seven digit serial numbers (for instance 0745563). Units built in Port Chester have six digit serial numbers (for instance 739838).

Various Engineering features of the EZ-6 and 6-22 saws, and the parts list revisions which go along, are described below for your records:

for EZ-6 below Serial No. 739839 use Parts Book 23218. These saws were built in Port Chester with 5 1/4" diameter rotor -- they were the first EZ-6 saws released.

for EZ-6 from Serial No. 739839 up use Parts Book 23218-1. These saws were also built in Port Chester. They have 6" diameter rotor, new governor, larger fan housing and screen, longer Ball drive and 1/4" wider handle bar.

for EZ-6 with seven digit Serial Nos. use Parts Book 23218-2. These saws come from Gastonia. They contain a 1/16" thicker crankshaft, new crankcase with larger ID main bearing, larger snap ring, new clutch cover and spider.

Bearing Assembly Adapter 23138-1 supersedes 23138 as a Service Tool for these saws.

for 6-22 below Serial No. 758245 use Parts Book 23210. These were the first 6-22 saws released -- built in Port Chester.

for 6-22 from Serial No. 758245 up and for all seven digit serial number 6-22's use Parts Book 23210-1. These saws have a thicker crankshaft and are assembled with 2:1 gears. The Drive Gear Bearing and Clutch Spider have larger bores. The crankcase contains a larger ID main bearing and new garlock seal.

Garlock Seal Assembly Plug 22830-A supersedes 22830 as a Service Tool for these saws.

Walter N. Herold
Service Manager

SERVICE MEMO NO. 173-CS

DSM NO. 86

HOMELITE
A DIVISION OF
TEXTRON AMERICAN, INC.

Distribution: List Nos. 5, 8, 9

TO: All Branches and Dealers

SUBJECT: EZ Brush Cutter - Installation **DATE:** 10/4/57

To insure proper alignment of the EZ Brush Cutter on the engine, the Upper Head casting of all EZ Brush Cutters through Serial No. 10074 should be modified as described below:

1. Remove the 3/16" dowel pin from the projection of the casting.

2. With a 13/32" drill "open up" the two mounting holes which fit over the guide bar studs.

Now mount the Brush Cutter to the engine and leave the nuts just a little loose.

Make sure the Ignition Switch is "off" and crank the engine. The Brush Cutter blade should not rotate. If it does, shift the casting on the mounting studs until it is properly aligned. Now tighten the nuts securely.

Brush Cutters from Serial No. 10075 up will be shipped without the dowel pin and will have the larger mounting holes. These Brush Cutters, too, should be aligned as described above.

Walter N. Herold
Service Manager

kah

SERVICE MEMO NO. 175-CS

DSM NO._____

HOMELITE
A DIVISION OF
TEXTRON INC.

Distribution: List No. 5

TO: All Branches

SUBJECT: Clearing Attachments **DATE:** 10/25/57

A-55379	Only for 17, 5-20, 4-20, with 6 tooth sprocket
*A-56169	designed for the 6-22, superseded by
*A-56169-A	still wider on the mounting end.

Production of A-55379 has been stopped. There are still a number of these attachments in Branch stock -- but none at the Factory. To fill the substantial back orders for A-55379, we must either substitute A-56169-A or we must transfer among the Branches.

We prefer the second method because the new A-56169-A attachments are only now coming through and our stock is still small.

For this reason, please tell Bob Johnston how many of each Clearing Guide you need and how many A-55379 Guides you can spare and release for redistribution.

Walter N. Herold
Service Manager

kah

* Fits 17, 5-20, and 4-20 also, when used with 8 tooth sprocket.

SERVICE MEMO NO. 176-CS

DSM NO. 87

HOMELITE
A DIVISION OF
TEXTRON INC.

Distribution: List Nos. 5, 8

TO: All Branches and Dealers

SUBJECT: Thrust Washer - Correction of Parts List No. 23218-2

DATE: 10/25/57

Please change item 16 on page 2 of the EZ-6 Parts Book 23218-2:

From	55660	Washer-thrust
To	56225	Washer-thrust

56225 is 3/32" thick; 55660 is only 1/16" thick. 56225 is used on EZ-6 saws with seven digit serial numbers built in the new Gastonia Plant.

Walter N. Herold
Service Manager

kah

SERVICE MEMO NO. 177-CS

DSM NO. 88

HOMELITE
A DIVISION OF
TEXTRON INC.

Distribution: List Nos. 5, 8

TO: All Branches and Dealers

SUBJECT: Chain Saw Service

DATE: 11/19/57

MODEL: 6-22, EZ-6

While additional pages for your Service Manual are being prepared, we felt that some advance notice concerning recommended seal and bearing installation procedures would be of value to you.

A. Sprocket shaft bearings, and sprocket shaft, 6-22.

1. Disassembly:

Remove sprocket, drive the shaft and gear assembly out of bearings.

Remove snap ring. Use 1 1/8 diameter end of tool #23228 to press old bearings from case.

2. Clean all grease from case.

3. Assembly:

Fill groove in case with Regal Starfak #2 grease (Homelite RM4568) or Lubriplate. Slide ball bearing, completely assembled roller bearing (greased with RM4568 or Lubriplate) and new formica washer on the small end of tool #23228. Press these parts into the bearing bore, remove tool #23228, install snap ring.

Support the drive case on sprocket shaft assembly anvil #23267 (backplate must be removed from engine) and press sprocket shaft and gear assembly into bearings.

CAUTION: If the formica washer is not properly supported by the anvil the inner race of the roller bearing may break the formica seal.

B. Back plate seals and needle bearing, EZ-6 and 6-22

1. Disassembly

Use tool #22831 to push seals and bearing out of back plate. (Insert tool from magneto side.) Tool must not be cocked or you may damage the bore.

2. Assembly

Assemble needle bearing first! Use small end of tool #22831 to press needle bearing into back plate from engine side.

Note that the seal side of EZ-6 and 6-22 back plates has a small recess. Tool #22830-A is required to install new seals. Install the inner seal with the lip facing in toward the engine. Then use the other side of tool #22830-A to install the outer seal with the lip facing out toward the magneto.

C. Crankcase seal (on clutch side) of 6-22's with heavy shaft (seven digit serial numbers).

1. Disassembly

Use the small end of tool #23233 to push the old seal out of the crankcase (from engine side toward gear case side).

2. Clean and inspect the crankcase. There should be no ridges or nicks where the seal seats.

3. Assembly

Garlock seal, Homelite #56134, is used in these engines. The seal contains a "garter" spring and care must be taken not to dislodge the spring during seal assembly. Never strike the seal, because you may dislodge the spring.

Install the seal with the lip facing into the engine. toward the main bearing. Use the other end of tool #23233 to press the seal into the crankcase before the shaft is installed. Use protecting sleeve #23232 (13/16" outside diameter) on the crankshaft to prevent damage to the seal during shaft installation.

Walter N. Herold
Service Manager