

Distribution: List Nos. 5, 8

PERFORMANCE • DEPENDABILITY
HOMELITE
 SERVICE

A DIVISION OF
 TEXTRON INC.

TO: All Homelite Branches and Chain Saw Dealers

SUBJECT: A-56613 Exhaust Cap and Muffler Element

DATE: 1/25/60

A number of reports are reaching this department indicating that the perforated screen--which is welded into the A-56613 exhaust cap as a spark arrestor--is subject to plugging from carbon. This is to be expected since the exhaust gases contain a certain amount of carbon--more, if the fuel mixture adjustment is rich, and less if the adjustment is proper.

Plugging which occurs quickly--in less than one week of steady operation--is invariably due to rich fuel mixture. The carburetor adjustment and/or oil mixture proportion for the fuel should be checked.

The new A-56613 exhaust cap replaced a "sandwich-type" element which was, from all reports, frequently the cause of cylinder and piston failure. Now, it seems reasonable to stress the advantages of the new cap, which are simply these:

The new cap doesn't burn out easily.

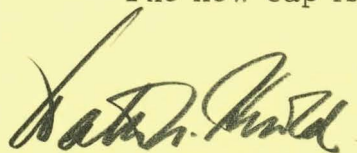
The new cap prevents the discharge of hot sparks.

The new cap is easily cleaned: you can use a wire brush, a wire wheel or carbon solvent.

The new cap provides a check on fuel mixture and carburetor adjustment.

The new cap is inexpensive.

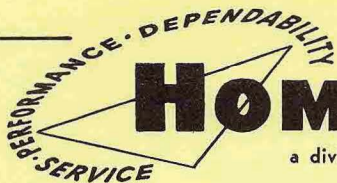
The new cap is easily replaced.



Walter N. Herold
 Service Manager

Dealer Filing Instructions:

File in Service Memo section of Dealer Operating and Service Manual.



BRANCH SERVICE MEMO NO. 270a-CS

DEALER SERVICE MEMO NO. 117a
SUPPLEMENT TO SERVICE MEMO NO. 270-CS

Distribution: List Nos. 5 & 8

TO: All Homelite Branches and Chain Saw Dealers

SUBJECT: Exhaust Flange Cap - Part #A-56613-A supersedes
#A-56613.

DATE: 5/10/60

An improved Exhaust Flange Cap, Part #A-56613-A
supersedes #A-56613.

The new part contains a metal screen with larger
holes. The open area of the screen is increased
15%.

As a result, chain saws may be used longer before
carbon build-up requires servicing this part.

Robert S. Townsend
Ass't. Service Manager

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Dealer Filing Instructions:

File in Service Memo section of Dealer Operating and Service
Manual with Dealer Service Memo No. 117.

PERFORMANCE · DEPENDABILITY
SERVICE

HOMELITE

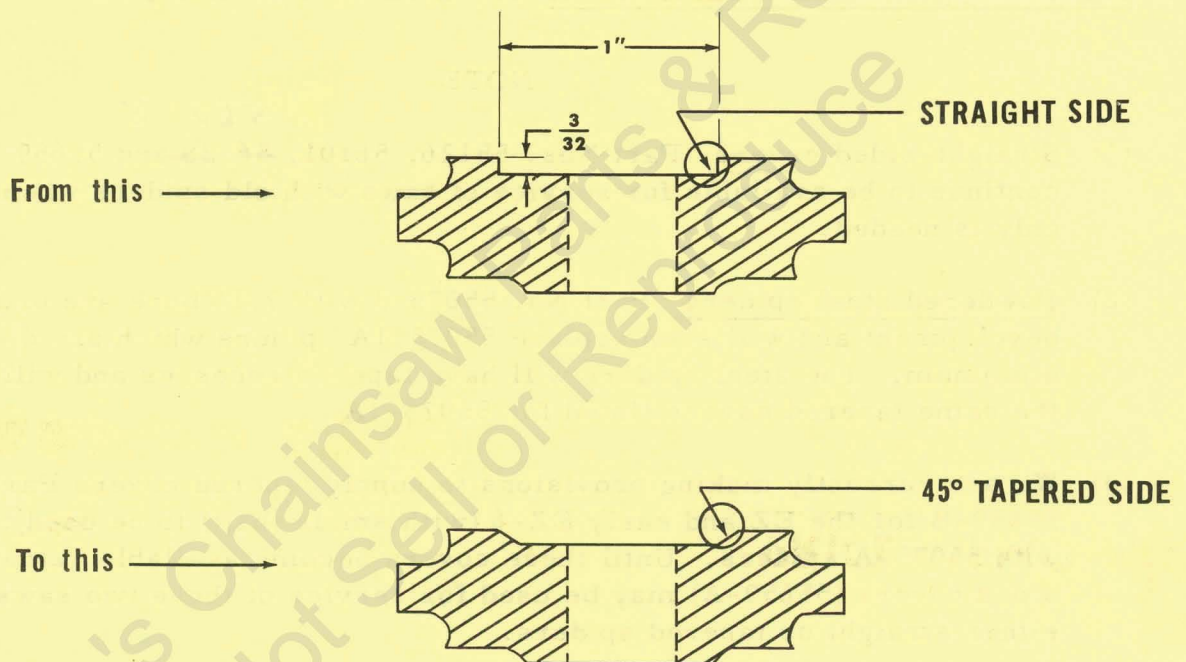
A DIVISION OF
TEXTRON INC.

TO: All Homelite Branches and Chain Saw Dealers

SUBJECT: Clutch Spiders and Clutch Covers

DATE: 2/8/60

The 1" diameter x $3/32$ " deep counterbore in the face of clutch spiders has been changed.



New Clutch covers, with matching tapers must be used together with the new spiders. These new clutch covers cannot be used with old, straight-sided spiders. Two advantages accompany this new design: (1) The clutch covers now register on the tapered surface instead of on the crankshaft. (2) Tapered clutch covers are formed with fewer stresses and last longer, because the sharp, right angle bend is eliminated.

Disregarding the belt driven saws (20MCS, 26, 5-30, 7-29 and 8-29) which are not affected--we use only two spiders which can be identified by the size of their bore:

$1/2$ " bore Spider No. 55075 (straight side) now replaced by 55075-A (tapered) and $9/16$ " bore Spider No. 55075-1 (straight side) now replaced by 55075-1A (tapered).

The correct clutch covers for each chain saw using the new spiders are listed below. Please mark your parts lists accordingly:

55075-A Spider with 55126-A Cover now used for 17, 4-20, 5-20, 6-22 with small shaft and WIZ.

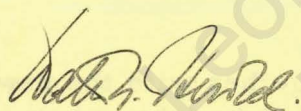
55075-1A Spider with 55126-A Cover now used for 6-22 with large shaft, 7-21 and 9-26.

55075-1A Spider with 56101-A Cover now used for EZ-6 with large shaft, 7-19, ZIP and ZIP-5.

55075-1A Spider with 56328-A Cover now used for 9-23 and BUZ.

NOTE:

- 56238*
- (1) Straight-sided covers, Part Nos. 55126, 56101, ~~56328~~ and 55659-A will continue to be available for service of saws with old spiders when a cover only is needed.
 - (2) Powdered steel spiders, Part No. 55075-3 with 9/16 bore are under development and will soon replace 55075-1A spiders which are die cast aluminum. The steel spiders will have tapered recesses and will use the same tapered covers listed for 55075-1A.
 - (3) We are currently making provisions to supply tapered covers Part No. 55659-B for the EZ and early EZ-6 (with small shaft) to be used together with 55075-A spiders. Until these covers become available, straight-sided covers (55659-A) may be used for service of these two saws with either straight or tapered spiders.



Walter N. Herold
Service Manager

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Dealer Filing Instructions:

File in Service Memo section of Dealer Operating and Service Manual.

PRECISE SERVICE
DEPENDABILITY

HOMELITE

A DIVISION OF
TEXTRON INC.

Distribution: List Nos. 5, 8

February 23, 1960

To: All Homelite Branches and Chain Saw Dealers

Subject: Correction of Part Number in Service Memo No. 273-CS
DSM No. 118

The part number for the new clutch cover for models 9-23 and BUZ Chain Saws was incorrectly listed in Service Memo No. 273-CS, DSM 118.

Please make the following correction: the line immediately preceding the note on the back page of this memo should read--

55075-1A Spider with 56238-A Cover now used for 9-23 and BUZ.
(The original memo listed the cover as 56328-A.)

Note (1) should read:

- (1) Straight-sided covers, Part Nos. 55126, 56101, 56238 and 55659-A will continue to be available for service of saws with old spiders when a cover only is needed. (The part number was incorrectly listed as 56328.)



Walter N. Herold
Service Manager



Distribution: List Nos. 5 & 8

TO: All Homelite Branches and Chain Saw Dealers

SUBJECT: Model 9-23 and 9-26 Chain Saws
I Cylinder with inserts
II Muffler adapter strengthened

DATE: 4/6/60

I. Starting with Serial No. 1029711 all Model 9 chain saws use cylinder part No. A-56832 which supersedes 55918. A-56832 contains four Heli-Coil Screw Lock inserts in the exhaust flange for mounting the muffler adapter. The size of the heli-coil inserts is #12-24. These inserts provide a constant grip on the screw threads and maintain their locking strength even after repeated disassembly.

The use of the inserts requires a change in fastening parts:

4 screws part No. 80751 (#12-24 x 11/16) supersede part No. 80677
(1/4-20 x 11/16)

II. Also starting with Serial No. 1029711 the muffler adapter itself has been strengthened by adding 1/16" to the thickness of the mounting lugs. Two additional modifications are in process:

- a. Two studs (part No. 56470) will be assembled to the mounting lugs of the muffler adapter.
- b. A die change, reducing the diameter of the four mounting holes from 9/32" to 1/4" has been ordered to "locate" the adapter on the cylinder with the same accuracy as before.

Here is a summary of the changes with part numbers.

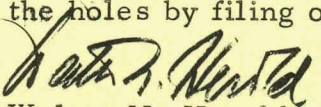
All 9-23 and 9-26 saws:

Cylinder A-56832 used on all units above serial No. 1029711 and for all service.

Muffler Adapter with studs A-57133 replaces 56163-A.

Two lockwashers No. 83009 and 2 Hex Nuts No. 81065-2 (1/4 - 28 heat treated) are used in conjunction with adapters with studs.

After die change, muffler adapter mounting holes will be 1/4" in diameter only. To mount those adapters on old cylinder it may be necessary to slightly enlarge the holes by filing or drilling.


Walter N. Herold
Service Manager

Dealer Filing Instructions:

File in Service Memo section of Dealer Operating and Service Manual.



BRANCH SERVICE MEMO NO. 286-CS

DEALER SERVICE MEMO NO. 120

Distribution: List Nos. 5 & 8

TO: All Homelite Branches and Chain Saw Dealers

SUBJECT: Setting Depth Gauges on OREGON MICRO-BIT CHAIN DATE: 4/22/60

The Oregon Saw Chain Division of Omark Industries, Inc., has made available the enclosed bulletin "Freddie's File-Osophy" No. 9.

The subject is important enough that we have asked Oregon to give us enough copies to send to all Homelite Chain Saw Dealers.

We especially want to emphasize that part of the bulletin which indicates that the recommended depth gauge settings of .030" for direct drive saws and .035" for gear driven saws are maximum settings. In other words, depth gauges on Micro-Bit chain must never be filed lower than to these recommended settings. Poor operation and chain failure might result if these instructions are disregarded.

Walter N. Herold
Service Manager

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Dealer Filing Instructions:

File in Service Memo section of Dealer Operating and Service Manual.



DEALER SERVICE MEMO NO. 121

Destroy Service Memo 290-CS, dated 5/16/60
Use this copy instead.

Distribution: List Nos. 5 & 8

TO: All Homelite Branches and Chain Saw Dealers

SUBJECT: Fuel Tank: Part Number Change

DATE: 5/27/60

UNITS AFFECTED: 17, 17L, 5-20, 5-20L, 4-20, WIZ

Change the part number of the fuel tank used for service of above units

from:

A-55709 to A-55568

A-55568 is the same tank but does not include any air filter.

The air filter used for service of above units remains the same:

A-55531 or 56532 for WIZ*

Robert S. Townsend
Ass't. Service Manager

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Dealer Filing Instructions (Dealer Operating & Service Manual):

Remove and destroy Dealer Service Memo No. 121, dated 5/16/60, and
file this copy in its place.



BRANCH SERVICE MEMO NO. 301-CS

DEALER SERVICE MEMO NO. 122

Distribution: List Nos. 5 & 8

TO: All Homelite Branches and Chain Saw Dealers

SUBJECT: Air Filter, Part No. 57176
Optional for 9-23, 9-26, 900D, 900G

DATE: 6/28/60

Part No. 57176 Air Filter is now available as an optional service filter for the saw models listed above.

57176 is of the same shape and size as the WIX filter (Part No. 56526-A) which is factory equipment on these engines. The filter element of 57176 consists of a layer of felt, sandwiched between two layers of fluted fiber glass. This construction makes the filter very sturdy and allows many repeated cleanings.

Please mark your parts lists to show 57176 filter as optional; order filters for your stock to suit your requirements.

A handwritten signature in cursive script, appearing to read "Walter N. Herold".

Walter N. Herold
Service Manager

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Dealer Filing Instructions:

File in Service Memo section of Dealer Operating and Service Manual.

Distribution: Lists Nos. 5 & 8

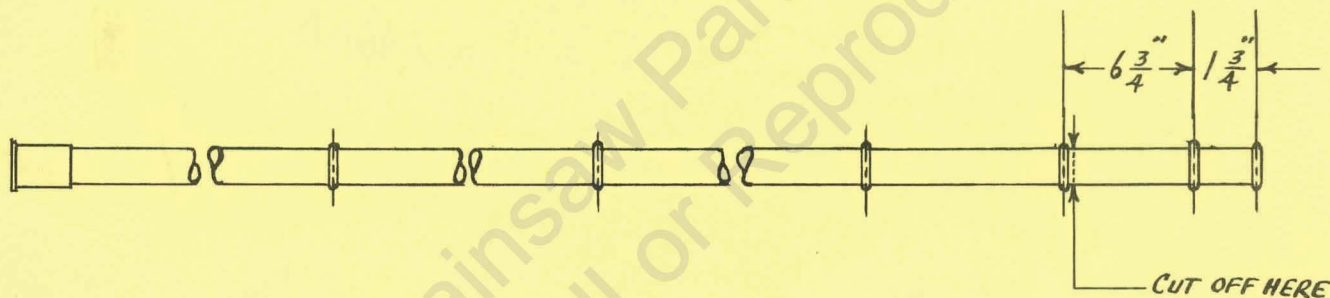
TO: All Branches & Chain Saw Dealers

SUBJECT: Casing Assembly for Brush Cutter

DATE: 8/1/60

The service life of the flexible shaft and casing in Brushcutters can be extended by reducing the length of the casing.

Starting immediately, we will supply casing Part No. A-55458-1 in place of A-55458. Part No. A-55458-1 is produced by cutting $8\frac{1}{2}$ " off the end of casing A-55458 as shown below:



After our stock of A-55458-1 is used up we will supply a completely new casing which uses four Neoprene collars (Homelite Part No. 57291) instead of the silver soldered metal spacers. The collars slide onto the casing and are held in place by friction -- no cementing or other fastening is required.

The part number of the new casing assembly with Neoprene collars will be A-57290.

Please mark your parts list as follows:

" To service all Brushcutters, starting immediately, use A-55458-1 Casing in place of A-55458 -- Use A-57290 Casing after A-55458-1 stock is used up."

Any A-55458 casings in your stock should be reworked by cutting $8\frac{1}{2}$ " off the lower end -- remove burrs on inside of casing after cutting.

Walter N. Herold
Walter N. Herold
Service Manager



Distribution: List Nos. 5 & 8

TO: All Homelite Branches and Chain Saw Dealers

SUBJECT: Model 900 Saws Without Governor

DATE: 8/19/60

Models 900 D, S/N 1070990, 900 G, S/N 1067990 and above are no longer equipped with governors.

This change will require a different carburetor for service, Part No. A-57429. This is a Tillotson Model No. HL62AX, which is manufactured with a throttle opening spring, Part No. 75756, for use on saws without governors.

When using carburetor A-57429 to service 9-23, 9-26, and 900 units with governors, remove the throttle opening spring, Part No. 75756, and replace it with friction spring Part No. 56630, packaged with carburetor. The purpose of the friction spring is to prevent governor oscillation and must be installed on units with governors.

All orders received for A-56308 carburetor will be filled with A-57429 carburetor when the supply of A-56308 is exhausted.

Please mark your parts list accordingly.

Robert S. Townsend
Robert S. Townsend
Ass't. Service Manager

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Dealer Filing Instructions:

File in Service Memo Section of Dealer Operating and Service Manual.



BRANCH SERVICE MEMO NO. 315-CS

DEALER SERVICE MEMO NO. 125

Distribution: List Nos. 5 & 8

TO: All Homelite Branches and Chain Saw Dealers

SUBJECT: Model 700 Saws Without Governor

DATE: 8/23/60

Models 700 G, S/N 1072185, 700 D, S/N 1073601 and above are no longer equipped with governors.

This change will require a different carburetor for service. The service carburetor is Part No. A-57440 (Tillotson HL 104-A), which is manufactured with a throttle opening spring for use on units without governors.

When using this carburetor to service units with a governor, you must remove the Part No. 75756 throttle opening spring and replace it with the Part No. 56175 friction spring packaged with carburetor. The friction spring prevents governor oscillation and must be installed on units with governors.

The new service carburetor A-57440 will replace A-56066 (Tillotson HL 27-B) and A-56505-A (Brown 6-CP) in all usage when stocks of these two carburetors have been depleted.

Please mark all parts lists accordingly.

Robert S. Townsend

Robert S. Townsend
Ass't. Service Manager

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Dealer Filing Instructions:

File in Service Memo Section of Dealer Operating and Service Manual.



Distribution: List Nos. 5 & 8

TO: All Homelite Branches and Chain Saw Dealers

SUBJECT: Clutch Spring Part No. 55123-A replaced by 55123-B DATE: 8/26/60

A new, longer lasting clutch spring, made of piano wire is now used by Homelite.

The new clutch spring is Black Oxide Coated to prevent rust and to make it easy to tell it apart from the old stainless steel spring which was silvery in color.

The new clutch spring is stocked under Part No. 55123-B.

55123-A springs in your stock may be used up. Note that clutch springs should be replaced in pairs to prevent uneven wear of clutch shoes. Also, do not use one old and one new spring together -- use a pair of old springs, or a pair of new springs for all replacements.

Please mark your records as follows:

55123-A Spring superseded by 55123-B

(Use Only in Pairs)

Walter N. Herold
Service Manager

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Dealer Filing Instructions:

File in Service Memo Section of Dealer Operating and Service Manual.



BRANCH SERVICE MEMO NO. _____

DEALER SERVICE MEMO NO. 127

Distribution: List No. 8

TO: All Homelite Chain Saw Dealers

SUBJECT: New HOMELITE Brand Chain

DATE: 9/6/60

The attached sheets list part numbers of the new Homelite chain which we expect to have available in early September. If you have not already placed your stock order, we suggest you take time right now to do so. All this chain is chipper type.

In assigning part numbers we have tried to follow a pattern with some logic. Restriction imposed by the necessity for avoiding conflict with numbers already in use and other factors have resulted in some inconsistencies. However, we are confident that you will find these numbers relatively easy to work with.

Note that the prefix "HC" is used with all numbers (for reels, parts and loops of Homelite brand chain.) The suffix "R" is used with all numbers designating reels (and reels only.) The suffix "L" is used with all numbers designating loops (and loops only.)

The last two digits in the reel numbers indicate the type of chain, the counterpart of Oregon chain type numbers with which you are familiar, such as 04, 10, 52 and 62. The digits preceding the last two in the reel numbers indicate the number of feet in the reel. For example, HC10010-R designates Homelite brand chain, 100 feet, #10 in a reel. HC5004-R designates Homelite brand chain, 50 feet, #4 in a reel.

In repair parts the last digit is arbitrary but is used consistently for parts of the same description. For example a "3" as a final digit indicates a drive link, a "6" as a final digit indicates a tie strap for the type of chain designated by preceding digits. The "0" preceding the final digit has no significance but is a necessary part of the number. The digit or digits preceding the last two indicate the type of chain. For example, HC1003 is the part number for Homelite brand drive link for #10 chain. HC403 is the part number for Homelite brand drive link for #4 chain.

For loops of chain the last two digits indicate the number of drive links when less than 100 drive links are required. When 100 or more are required, the last three digits indicate the number of drive links. The digits preceding the number of drive links indicate the type of chain. For example, HC1058-L designates a Homelite brand loop of #10 chain with 58 drive links. HC10133-L designates a Homelite brand loop of #10 chain with 133 drive links. HC469-L designates a Homelite brand loop of #4 chain with 69 drive links.

In general, your Homelite Branch will supply Homelite brand loops in the same nominal sizes as we have been supplying in Oregon loops. These sizes are indicated by an asterisk on the attached sheets.


R. F. Johnston,
Manager Service Parts

Homelite Brand Chain
 .404 Pitch - .063 Gauge

	<u>Reels</u>	
HC 10052-R	100 Ft.	Includes 26 HC 5201 Repair Kits
HC 5052-R	50 Ft.	Includes 13 HC 5201 Repair Kits
HC 2552-R	25 Ft.	Includes 7 HC 5201 Repair Kits

Repair Parts

HC 5201	Repair Kit
HC 5203	Drive Link
HC 5204	Right Cutter
HC 5205	Left Cutter
HC 5206	Tie Strap
HC 5207	Tie Strap with Rivets
HC 5208	Rivet

Loops - each includes 1 HC 5201 Repair Kit

HC 5250-L	12" Chain	Use with 8 tooth sprocket
* HC 5254-L	14" Chain	" " 8 " "
HC 5262-L	17" Chain	" " 7 " "
* HC 5263-L	17" Chain	" " 8 " "
* HC 5271-L	21" Chain	" " 8 " "
* HC 5282-L	25" Chain	" " 8 " "
HC 5296-L	30" Chain	" " 8 " "

* These loops will be carried in Branch Parts stock, available for shipment to dealers. Any other loops will be made up by branches, as required.

Homelite Brand Chain
7/16" Pitch - .063 Gauge

	<u>Reels</u>	
HC 10062-R	100 Ft.	Includes 26 HC 6201 Repair Kits
HC 5062-R	50 Ft.	Includes 13 HC 6201 Repair Kits
HC 2562-R	25 Ft.	Includes 7 HC 6201 Repair Kits

Repair Parts

HC 6201	Repair Kit
HC 6203	Drive Link
HC 6204	Right Cutter
HC 6205	Left Cutter
HC 6206	Tie Strap
HC 6207	Tie Strap with Rivets
HC 6208	Rivet

Loops - each includes 1 HC 6201 Repair Kit

HC 6246-L	12" Chain	Use with 7 tooth sprocket
* HC 6258-L	17" Chain	" " " " "
* HC 6266-L	21" Chain	" " " " "
* HC 6276-L	25" Chain	" " " " "
* HC 6288-L	30" Chain	" " " " "

* These loops will be carried in Branch Parts stock, available for shipment to dealers. Any other loops will be made up by branches, as required.

Homelite Brand Chain
1/2" Pitch - .063 Gauge

	<u>Reels</u>	
HC 10010-R	100 Ft.	Includes 22 HC 1001 Repair Kits
HC 5010-R	50 Ft.	Includes 11 HC 1001 Repair Kits
HC 2510-R	25 Ft.	Includes 6 HC 1001 Repair Kits

	<u>Repair Parts</u>
HC 1001	Repair Kit
HC 1003	Drive Link
HC 1004	Right Cutter
HC 1005	Left Cutter
HC 1006	Tie Strap
HC 1007	Tie Strap with Rivets
HC 1008	Rivet

	<u>Loops - each includes 1 HC 1001 Repair Kit</u>	
HC 1040-L	14"	Use with 8 tooth sprocket
* HC 1049-L	18"	" " 8 " "
HC 1050-L	17"	" " 6 " "
HC 1051-L	17"	" " 7 " "
* HC 1052-L	20"	" " 8 " "
HC 1057-L	21"	" " 6 " "
* HC 1058-L	21"	" " 7 " "
* HC 1058-L	23"	" " 8 " "
HC 1066-L	25"	" " 6 " "
* HC 1067-L	25"	" " 7 " "
* HC 1067-L	28"	" " 8 " "
HC 1076-L	30"	" " 6 " "
HC 1077-L	30"	" " 7 " "
HC 1077-L	33"	" " 8 " "
HC 1087-L	38"	" " 8 " "
HC 1099-L	44"	" " 8 " "
HC 10112-L	50"	" " 8 " "
HC 10133-L	60"	" " 8 " "
HC 10159-L	72"	" " 8 " "

* These loops will be carried in Branch Parts stock, available for shipment to dealers. Any other loops will be made up by branches, as required.

Homelite Brand Chain
 9/16" Pitch - .063 Gauge

	<u>Reels</u>	
HC 10004-R	100 Ft.	Includes 18 HC 401 Repair Kits
HC 5004-R	50 Ft.	Includes 9 HC 401 Repair Kits
HC 2504-R	25 Ft.	Includes 5 HC 401 Repair Kits

Repair Parts

HC 401	Repair Kits
HC 403	Drive Link
HC 404	Right Cutter
HC 405	Left Cutter
HC 406	Tie Strap
HC 407	Tie Strap with Rivets
HC 408	Rivet

Loops - each includes 1 HC 401 Repair Kit

HC 436-L	14" Chain	Use with 7 tooth Sprocket
HC 444-L	18" Chain	" " " " "
HC 447-L	20" Chain	" " " " "
HC 452-L	23" Chain	" " " " "
HC 460-L	28" Chain	" " " " "
HC 469-L	33" Chain	" " " " "
HC 478-L	38" Chain	" " " " "
HC 488-L	44" Chain	" " " " "
HC 4100-L	50" Chain	" " " " "
HC 4119-L	60" Chain	" " " " "
HC 4144-L	72" Chain	" " " " "

For the present, none of these loops of 9/16 pitch .063 chain will be carried in Branch stock. It will be necessary for branches to make them up, as required.



Distribution: List Nos. 5 & 8

TO: All Homelite Branches and Chain Saw Dealers

SUBJECT: Rotor -- Model 700 D Chain Saw

DATE: 9/20/60

Starting with S/N 1091620 Model 700 D Chain Saws are equipped with a smaller (5 1/2" O.D.) Rotor, Part No. 56026.

This change will improve engine performance of these non-governed saws.

Please mark your 700 D Parts Lists as follows:

On Page 8, Item 33

56111 Rotor superseded by 56026 Rotor in all saws above S/N 1091620 and in 700 D saws without governor.

Walter N. Herold
Service Manager

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BRANCH SERVICE MEMO NO. 322-CS

DEALER SERVICE MEMO NO. 129

Distribution: List Nos. 5 & 8

TO: All Homelite Branches and Chain Saw Dealers

SUBJECT: Air Filter Change

DATE: 9/26/60

UNITS AFFECTED: 6-22, 7-21, 7-21C, EZ, EZ-6, 7-19, 7-19C

For service of the above units use:

56876 Air Filter to Replace A-55533

Air Filter No. 56876 is similar to that formerly used but has Plastisol ends. The new filter will require a gasket No. 57041 between filter cover and tank, also two screws No. 80630 (6-32 x 1/2) in place of 80571 (6-32 x 3/8).

Gasket No. 57041 is available. To install gasket: Remove protective backing, and with the two screw holes aligned press gasket against fuel tank.

Air Filter No. 56876, Gasket No. 57041 and 80630 Screws are supplied as original equipment on all Model 700 G and 700 D saws.

Robert S. Townsend
Robert S. Townsend
Ass't. Service Manager

pt



BRANCH SERVICE MEMO NO. 322a-CS

DEALER SERVICE MEMO NO. 129a

Supplement to Service Memo 322-CS

Distribution: List Nos. 5 & 8

TO: All Homelite Branches and Chain Saw Dealers

SUBJECT: Air Filter Element Replacement

DATE: 10/27/60

UNITS AFFECTED: 6-22, 7-21, 7-21C, 700G, EZ, EZ-6, 7-19, 7-19C, 700D

Effective immediately we will supply for service of the above units:

air filter element 57337.

This element is now used on ZIP, ZIP-5, 600D units. (See Service Memo No. 324-CS)

Element 57337 now replaces A-55533 and 56876 as well as 56464.

When using 57337 it is necessary to use gasket 57041 and longer screws 80630. (See Service Memo No. 322-CS)

Please adjust your Parts Lists.

Robert S. Townsend

Robert S. Townsend
Ass't. Service Manager

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Dealer Filing Instructions:

File in Service Memo Section of Dealer Operating and Service Manual

DEALER SERVICE MEMO NO. 130

Distribution: List Nos. 5 & 8

TO: All Homelite Branches & Chain Saw Dealers

SUBJECT: Crankshaft for Model 700D

DATE: 10/4/60

Crankshaft Part No. A-57461 supersedes Part No. 56098-C in the Model 700D chain saw.

Two counterweights, riveted to the crank throws of the new shaft improve crankshaft balance and reduce vibration.

After you use up your present stock of 56098-C shafts use A-57461 for all service replacements.

Walter N. Herold
Service Manager

bn

Dealer Filing Instructions:

File in Service Memo Section of Dealer Operating and Service Manual.



Distribution: List Nos. 5 & 8

TO: All Homelite Branches and Chain Saw Dealers

SUBJECT: Air Filter Element Change

DATE: 10/5/60

Units affected: ZIP, ZIP-5, 600 D

Model 600 D saws after S/N 1094807 use element No. 57337.

For air filter service of the above units use element No. 57337 in place of element No. 56464.

The new element does not have the flanged end and will require a gasket No. 57041 between the air filter cap and tank.

Gasket No. 57041 is adhesive coated, with a fabric back. The fabric back must be removed before installation.

When using new filter and gasket replace the No. 80571 6-32x 3/8 screws with No. 80630 6-32x 1/2 screws.

Please bring your parts lists for above units up to date as follows:

57337 Element	Replaces	56464 Element
80630 Screws	Replace	80571 Screws
57041 Gasket	used with	57337 Element

Robert S. Townsend
Ass't. Service Manager

Dealer Filing Instructions:

File in Service Memo section of Dealer Operating and Service Manual.

DEALER SERVICE MEMO NO. 132

Distribution: List Nos. 5 & 8

TO: All Homelite Branches and Chain Saw Dealers

SUBJECT: Parts List for New WIZ Chain Saws

DATE: 10/11/60

In September we sent you a Parts List for the New WIZ Chain Saw.

This Parts List is dated May 1960 --- the part number (in the lower left corner on the back cover) is Part No. 23478.

This means that your Service Record now contains two WIZ Parts Lists:

- | | | | |
|-----|---------------------|----|----------------|
| (1) | Dated February 1959 | -- | Part No. 23350 |
| (2) | Dated May 1960 | -- | Part No. 23478 |

Use the new Parts List for all WIZ Chain Saws with Serial Numbers from 1088294 through 1091462 plus all WIZ Chain Saws which have the letter "A" in front of the serial number either etched or hand stamped. These WIZ "A" saws are built with the new, thicker crankshaft Part No. 57095, new Magneto rotor, cover and gasket and the 700 Gear Drive type crankcase and sprocket shaft.

We suggest that you mark the cover of Parts Book No. 23478 as follows:

"WIZ-A Serial Nos. 1088294 through 1091462 or "A" in front of serial number."

Walter N. Herold
Service Manager

bn

Filing Instructions:

File in Service Memo Section of Dealer Operating and Service Manual.



BRANCH SERVICE MEMO NO. 327-CS

DEALER SERVICE MEMO NO. 133

Distribution: List Nos. 5 & 8

TO: All Homelite Branches and Chain Saw Dealers

SUBJECT: Crankshaft for Model 700G

DATE: 10/14/60

Crankshaft Part No. A-57473 supersedes Part No. 56131-B in the Model 700G Chain Saw.

Two counterweights, riveted to the crank throws of the new shaft improve crankshaft balance and reduce vibration.

After you use up your present stock of 56131-B shafts use A-57473 for all service replacements.

A handwritten signature in dark ink, appearing to read "Walter N. Herold", is written over the typed name.

Walter N. Herold
Service Manager

bn

Dealer Filing Instructions:

File in Service Memo Section of Dealer Operating and Service Manual.



Distribution: List Nos. 5, 8, 9, 11 & 12

TO: All Homelite Branches and Dealers

SUBJECT: Torque Values -- Connecting Rod Assembly

DATE: 10/19/60

Split connecting rods are equipped with "MATING MARKS" on the rod cap and the rod itself to assure correct assembly with the two parts accurately aligned.

The torque, to which the connecting rod cap screws are tightened is also important: While the big end bearing surface is ground during manufacture, the two halves are held together with screws tightened to a specified value. During engine assembly, the cap screws should be tightened to this same value to assure perfect roundness of the big end of the rod.

Most of our connecting rods use 8-32 socket head cap screws. Below are given the torque values as they apply to these and two other commonly used sizes.

<u>Size Screw</u>	<u>Torque Value (set with torque wrench)</u>
8 - 32 *	55 - 60 inch pounds
10 - 32	70 - 80 inch pounds
1/4 - 28	145 - 150 inch pounds

* These socket head cap screws are now made with 9/64" hexagon sockets (the socket size used to be 1/8"). 9/64 Socket Wrench (Homelite #23528) is available through Homelite Service Parts. The screws with the 9/64" socket will be carried under Part No. 80541-A which supersedes 80541 after existing stocks are used up.

Walter N. Herold
Service Manager

bn

Dealer Filing Instructions:

File in Service Memo Section of Dealer Operating and Service Manual.



BRANCH SERVICE MEMO NO. 328a-0

DEALER SERVICE MEMO NO. 134a

Supplement to Service Memo No. 328-O

Distribution: List Nos. 5, 8, 9,
11 & 12

TO: All Branches and Dealers

SUBJECT: Connecting Rod Cap Screws - new length

DATE: 3/29/61

The vendor from whom we purchase Split Connecting Rods has just informed us that the 1/2" long #8 and #10 Socket Head Cap Screws are replaced by new screws, 9/16" in length.

Homelite part numbers are affected as follows:

For all split rods which use #8-32 screws, Part No. 80805 screw (#8-32 x 9/16) supersedes 80541-A (#8-32 x 1/2).

For all split rods which use #10-32 screws, Part No. 80806 screw (#10-32 x 9/16) supersedes 80492 (#10-32 x 1/2).

Please make these part number changes on the engine page of all affected parts lists.

Walter N. Herold
Service Manager

dm

Dealer Filing Instructions:

File in Service Memo Section of Dealer Operating and Service Manual.



DEALER SERVICE MEMO NO. 135

Distribution: List Nos. 5 & 8

TO: All Homelite Branches and Chain Saw Dealers

SUBJECT: Air Filters

DATE: 10/28/60

UNITS AFFECTED: BUZ, 500

Effective immediately we will use the air filter setup from the 500 chain saw to service existing BUZ units also.

The 500 air cleaner element (56788-A) is .157 inch shorter than the BUZ element. This requires thicker gaskets at each end. In the 500 unit these are felt gaskets (57031) cemented to the covers.

For service of BUZ units we will supply element 56788-A and gasket 57031. We will no longer use covers 56786, rear; 56785, front; or gasket 56793, on the BUZ.

When the new element is used in BUZ units, the 57031 gaskets should be cemented in place with 22788 cement.

Please mark your Parts List as follows:

Element	56788-A	supersedes	56788
Gasket	57031	Must be Used With	56788-A Element
Cover (front)	A-57306	supersedes*	56785
Cover (rear)	A-57305	supersedes*	56786

* BUZ units only, Kart Engines still use 56785, 56786.

Robert S. Townsend
Ass't. Service Manager

bn

Dealer Filing Instructions:

File in Service Memo Section of Dealer Operating and Service Manual



HOMELITE

a division of Textron Inc.

BRANCH SERVICE MEMO NO. 335 CS

DEALER SERVICE MEMO NO. 136

Distribution: List Nos. 5 & 8

TO: All Branches and Chain Saw Dealers

SUBJECT: Improved Gears for 3.5:1 Ratio Saws

DATE: 11/4/60

SAWS AFFECTED: 17, 4-20, 5-20, 6-22, 7-21, 700G, WIZ

I. Gear and Drum Assemblies

The face of the gear has been made 1/16" wider.
The material for the drive gear is a new, denser steel with 50% greater strength.

II. Driven Gear and Hub Assembly

The face of the gear has been made 1/16" wider.
Twelve (instead of eight) rivets are used to assemble the gear to the hub.
The material for the driven gear is also the new, denser, stronger steel.

Part Numbers and interchangeability are listed here for your records:

I

There are two old, narrow Drum and Gear Assemblies.

- a. with 3/4" bore Part No. AA-55086
- b. with 13/16" bore Part No. A-56135

- a. was used on Models 17, 4-20, 5-20, 6-22 below S/N 758245 and on WIZ saws with small crankshafts (See Service Memo No. 326-CS).
- b. was used on 6-22 above S/N 758244, all 7-21, all 700G and WIZ saws with large crankshaft (See Service Memo No. 326-CS) below S/N 1088367.

These two parts are now superseded by Drums with wider gears, made from the new, stronger material.

- a. AA-55086 is superseded by A-56830
- b. A-56135 is superseded by A-56849

The new parts fit interchangeably into existing saws, old Gear and Drum assemblies are discontinued.

(OVER)

II

The old, narrow 8-rivet Driven Gear and Hub Assembly was used on all 3.5:1 ratio saws listed in Section I.

We are now adding the new, wide, 12-rivet assembly which is used in production of WIZ saws above S/N 1088366.

The new Driven Gear and Hub Assembly cannot be run with any old style, narrow Gear and Drum assemblies. For this reason, we will continue to carry stock of both narrow and wide Gear and Hub Assemblies:

Narrow Driven Gear & Hub
Old Style, 8 Rivets

AA-55068-2

Must be used if Gear and
drum is narrow (may also be
run on drums with wide gear).

Wide Driven Gear & Hub
New Style, 12 Rivets

A-56824

Use only with Drums with
wide gear.

Walter N. Herold
Walter N. Herold
Service Manager

bn



BRANCH SERVICE MEMO NO. 336-CS

DEALER SERVICE MEMO NO. 137

Distribution: List Nos. 5 & 8

TO: All Homelite Branches and Chain Saw Dealers

SUBJECT: Crankshaft for Model 700-GFM and 700-GAFM

DATE: 11/7/60

Crankshaft Part No. A-57474 supersedes Part No. 56684-A in the Model 700-GFM and 700-GAFM chain saws.

Two counterweights, riveted to the crank throws of the new shaft improve crankshaft balance and reduce vibration.

After you use up your present stock of 56684-A shafts, use A-57474 for all service replacements.

Walter N. Herold
Service Manager

bn

Dealer Filing Instructions:

File in Service Memo Section of Dealer Operating and Service Manual



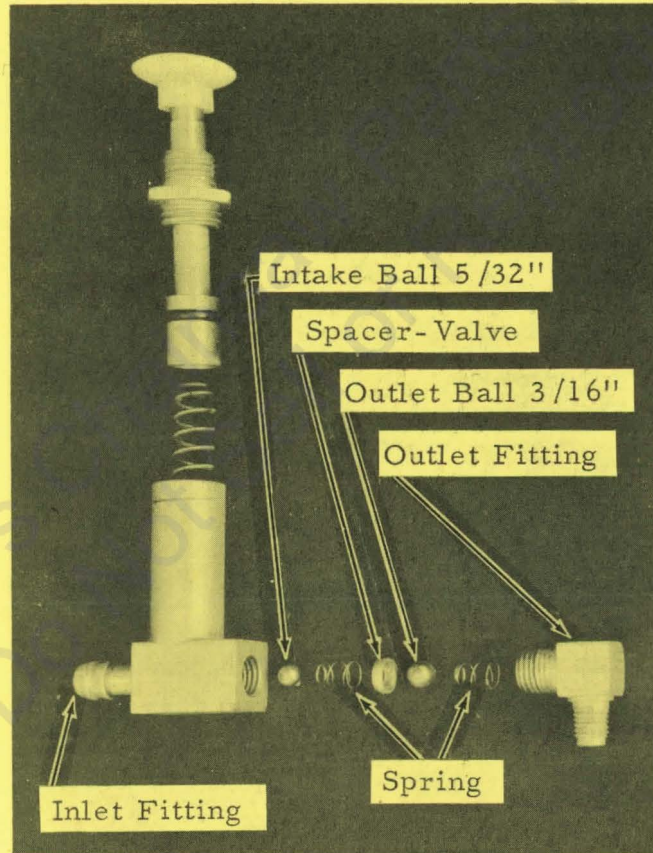
Distribution: List Nos. 5 & 8

TO: All Homelite Branches and Chain Saw Dealers

SUBJECT: Oil Pump Service Kit, Part No. A-57615 for the Model 500 Saw Oil Pump

DATE: 12/8/60

Kit, Part No. A-57615 is now available. The kit contains two check balls, two springs and a spacer-valve. These items are illustrated and called out in the sketch below.



To remove old parts unscrew the elbow outlet fitting. Insert a drift pin through the opening in the inlet fitting and press or drive out the intake ball, spring and spacer-valve.

To reassemble, install small ball; one spring (the two springs are identical) with small end toward ball, and then the spacer-valve.

(OVER)

NOTE: One side of the spacer-valve is countersunk.



Countersunk side provides seat for outlet ball

The spacer-valve must be pressed home with the countersunk side facing out, toward the outlet fitting.

Drop the large ball in against the spacer-valve seat; assemble remaining spring (small end on ball); reassemble outlet fitting.

Please make a note in your Model 500 Parts book, next to the oil pump drawing:

"Order Service Kit Part No. A-57615".

A handwritten signature in cursive script, reading "Walter N. Herold".

Walter N. Herold
Service Manager

bn

Dealer Filing Instructions:

File in Service Memo Section of Dealer Operating & Service Manual.



DEALER SERVICE MEMO NO. 139

Distribution: List Nos. 5 & 8

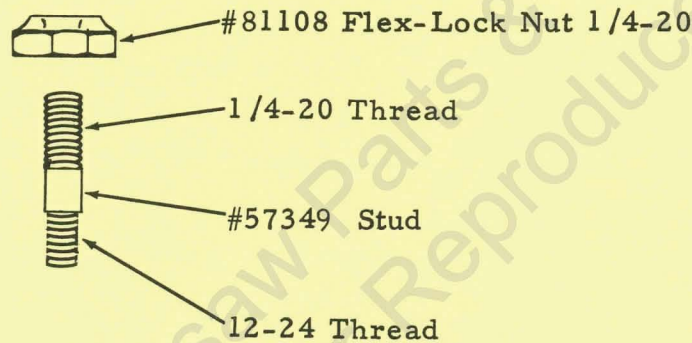
TO: All Homelite Branches and Chain Saw Dealers

SUBJECT: I. Fastening of Fuel Tank
 II. Fastening of Gear Case Cover

DATE: 12/19/60

MODELS AFFECTED: WIZ, 4-20, 700G and 700 GFM

1. Stud, Homelite Part No. 57349, together with Flex-lock nut #81108 is now used to fasten the fuel tank to the top mounting lug on the crankcase of the above listed saws.



Stud #57349 may be used together with nut #81108 to replace the 12-24 x 5/8" filister head screw used previously to secure the tank. The clearance hole in the ear of the tank should be enlarged to 17/64" to allow the tank to fit over the new stud.

- II. Nine Studs, Homelite Part No. 57350 together with nine Flex-lock nut #81109 are now used to fasten the gear case cover to the gear case of the saws listed above. The 10-32 thread size of these new parts allows complete interchangeability. Studs 57350 with nuts 81109 may be used to replace Pan head screws Part No. 80572 (10-32 x 5/8) used previously.

Please mark your WIZ, 4-20 and 700G parts book accordingly.

Walter N. Herold
 Walter N. Herold
 Service Manager

Dealer Filing Instructions:

File in Service Memo Section of Dealer Operating & Service Manual.