



BRANCH SERVICE MEMO NO. 916CS

DEALER SERVICE MEMO NO. 604

TO: Districts, Branches, and Chain Saw Dealers

SUBJECT: Connecting Rod #A-63477-B and A-67745-B
supersede A-63477-A and A-67745-A

DATE: 1/75

USAGE: XL-12, XL-Auto, SXL-Auto, XL-BC-4
XLS1-1/2-4, XLS1 1/2-5 & Service

Subject connecting rods are revised and now have a narrower width at the wrist pin bearing end. With the reduced width, the needle bearing will now extend beyond the rod face by .065/.055 instead of the former .026/.016.

When installing a new needle bearing into the above rods, care must be exercised so that the bearing extends equal distance on both sides of the rod.

Since Bearing Installation Plug #23756 has a step to accomodate the .026/.016 protrusion only, it will require using an additional .040 Spacer #24548 under the tool when servicing the new rods. Spacer #24548 is presently used on the model #150 Chain Saw.

Revise your parts list accordingly.

Joe Shuhy, Service Manager
Forestry Equipment

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TO: All Districts, Branches and Chain Saw Dealers

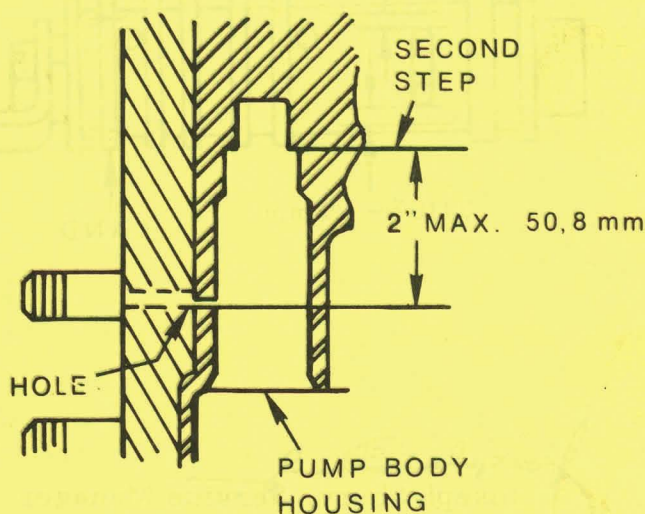
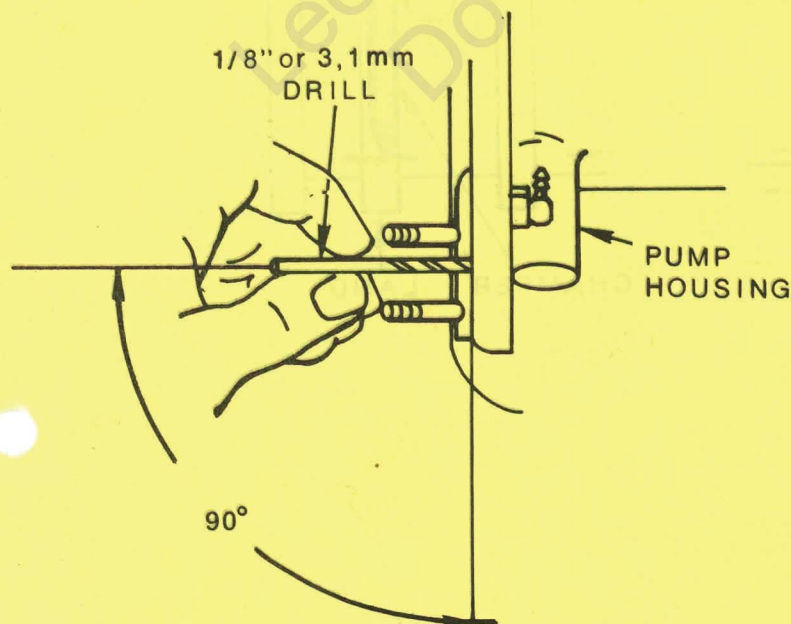
SUBJECT: 350 Automatic Oil Pump Rework

DATE: 2/75

We have determined that some failures of 350 automatic oil pumping are the result of improper location of the oil discharge hole in the pump housing wall, especially true in cold weather. The pump discharges properly when the hole is open to the front chamber between the two front O-rings. But when the hole is over the front O-ring land, discharge is impeded. This memo tells you how to check for proper hole location, and what to do to restore pumping if the hole is wrongly located.

HOLE LOCATION CHECKS

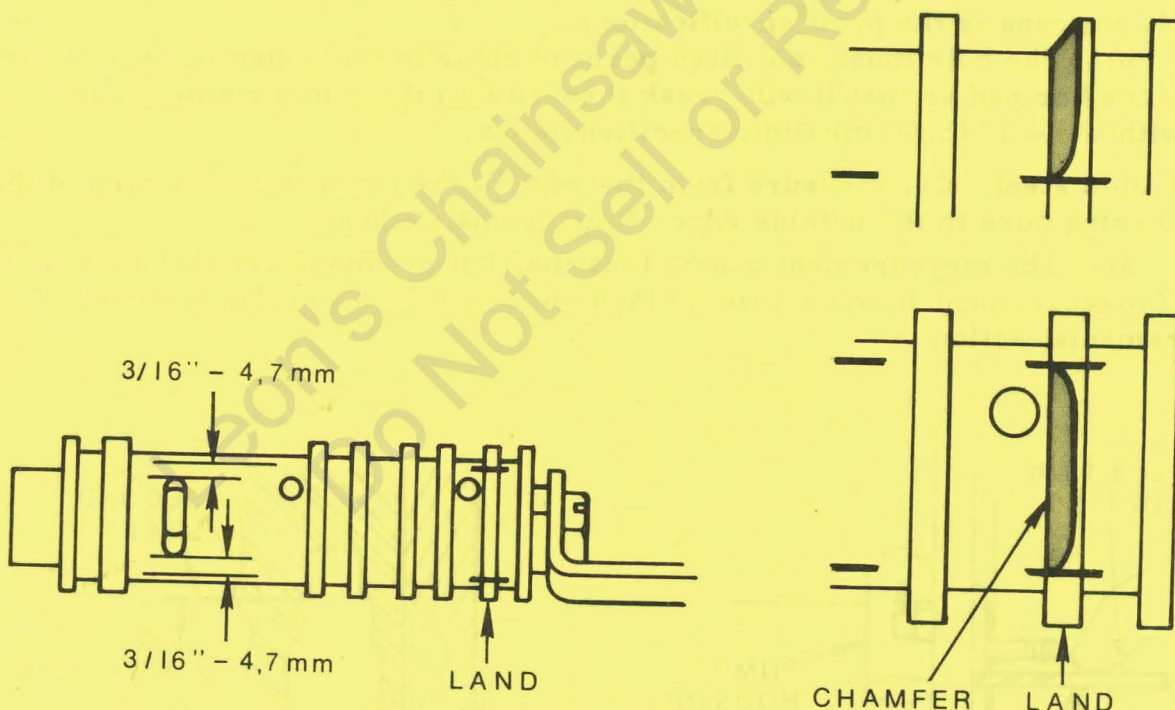
1. Push a 1/8" or 3,1 mm drill into the oil discharge hole in the guide bar pad to check that it is drilled correctly.
 - a) The hole can be drilled upward at an angle of up to 13 degrees. (13 degrees is the print specification).
 - b) The hole must be drilled perpendicular to the mounting face of the guide bar pad so that it will break through into the pump compartment within the 2" (5,0 cm) Dim. specified below.
2. With a steel rule, measure from the edge of the second rise or step of the housing bore to the outside edge of the discharge hole.
 - a) The measurement can be less than but not more than 2" (5,0 cm). If measurement is more than 2" (5,0 cm) the hole is too far forward. Take remedial action.



REMEDIAL ACTION

One course of action is to make a permanent cure by replacing the crank case with one having a properly located oil discharge hole. If the customer is unwilling to wait for rebuild, you can modify the pump body as shown. However, if the modified pump body is ever replaced, the replacement body must be reworked in the same manner.

1. Remove the O-rings from the pump body.
2. Remove pump plunger and gear.
3. Measure and mark the body at two points. Each point should be $3/16$ (4,7 mm) inch from one end of the cam slot. Measure parallel to these points and mark the wall of the front land of the forward pump compartment for chamfering.
4. Chamfer the marked section of the land to the approximate cross section shown here. Clean the pump body carefully. Coat pump plunger with clean light oil and install in pump body. Reassemble into crank case housing.



Joseph Shuh
Joseph Shuh, Service Manager
Forestry Equipment



BRANCH SERVICE MEMO NO. 919CS

DEALER SERVICE MEMO NO. 607

TO: All Districts, Branches and C/S Dealers

SUBJECT: 350 Chain Saw Ignition System

DATE: 3/75

We have some ignition complaints from the field. They are caused by loose terminals on both the primary and ground leads that run from the module to the transformer receptacle.

Since the transformer is conveniently located over the spark plug, it should be the first item to check and interchange when looking for an ignition problem. If this does not correct the problem, suspect the leads immediately.

Before changing the module located on the cylinder, crimp or solder the (4) terminals to the bared wire portion of the primary and ground leads. Usually this will correct the problem.

Suspect the components (module & transformer) last. This ignition system is very dependable and failures are almost non existent. We find over 90% of the field returns to be good components. The real problem is the two leads.

When doing repair work on a unit and these leads are conveniently accessible, perform the crimping or soldering operation as a matter of habit to avoid future complaints.

Check the system thoroughly before returning components on warranty. This should include cleaning the transformer and receptacle contact springs. Later models have plated contacts.

Joe Shuhy, Service Manager
Forestry Equipment

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TO: All Districts, Branches & C/S Dealers

SUBJECT: Chain Brake

DATE: 3/75

USAGE: 350SL Chain Saw

- I. Sprocket & Drum #A-12294-1 used to service all model #350 saws, including the chain brake will no longer be supplied after the present supply is exhausted. This sprocket and drum had a machined drum O.D. All orders received as A-12294-1 will be shipped as A-12294.
- II. Sprocket & Drum #A-12294 will be used for all future service of 350 chain saws without chain brake.

This sprocket & drum must not be used to service the chain brake since it does not have a machined drum O.D.

- III. A new Sprocket & Drum #A-12294-2 will be used to service all 350 saws with a chain brake. New orders must be placed for use on 350SL units.

This new drum has a "special wear resistant surface" on the O.D. of the drum to maintain a good stopping action.

This special coating eliminates the need to resurface the drum O.D. with emery in order to remove the glaze, as called for in our early copies of the 350 owners manual.

Mark your parts list accordingly.

Joe Shuhy, Service Manager
Forestry Equipment

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TO: All Districts, Branches and C/S Dealers

SUBJECT: XL-2, XL-2CC - #37 Low Profile Chain

DATE: 3/75

Subject saws built during and after February will include the 37 Low Profile Semi Chisel Chromed Chain (37 C50 48).

When we convert to #37 Low Profile Chain on the XL-2, we will also convert to a special 3/8" Pitch Sprocket & Drum on the powerhead. This chain (Homelite 37 series) is not interchangeable with Homelite 38 series or other comparable 3/8" Pitch Saw Chains, because the chasis has a different slope than conventional 3/8" Pitch Chain even though the Pitch is the same.

The change from 1/4" Pitch (25-C50) to 3/8" Low Profile (37 C50) requires the following changes.

1. Sprocket & Drum #A-70013 replaces A-69587.

You cannot use conventional 3/8" Pitch Chain (38 C50) or 1/4" Pitch Chain (25 C50) on this sprocket.

2. Guide Bar #PT-12371-B4 replaces #PT-12504-50.

This PT Bar incorporates a 3/8" Pitch Low Profile Sprocket & cannot be used with conventional 3/8" Pitch or 1/4" Pitch Chain.

3. Sprocket Repair Kit #A-70239.

This Repair Kit is available to Service Guide Bar #PT-12371-B4 that has a Nose Sprocket for the #37 Low Profile Chain.

Since the 37 Low Profile Chain requires filing that is different from the conventional chain, instructions (form #22146) will be included in the Owners Kit of all saws using the (37 N - unchromed) or (37 C - chromed) chain.

Please mark your parts list accordingly.

Joseph Shuhy, Service Manager
Forestry Equipment

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TO: All Districts, Branches and C/S Dealers

SUBJECT: Flange, Carburetor #12062-1A
Connector, Carburetor #12048-B

DATE: 3/75

USAGE: 350, 350HG, 350SL

The following changes are made to the 350 carburetor intake system to help avoid air leaks in this critical area. Effective with S/N 43391248.

1. Flange, Carburetor #12062-1A replaces #12062-1 (surface of contact area for carburetor increased to prevent carburetor from cocking).
2. Connector, Carburetor #12048-B replaces #12048-A (material changed to polyurethane to prevent aging and cracking and flange geometry was revised to mate with 12062-1A).
3. Kit, Carburetor #A-70246 that includes the new flange #12062-1A and Connector #12048-B is available to service units built prior to this change.
4. Carburetor Connector #12048-B must only be used with the new flange #12063-1A.

Carburetor Connector #12048-A can be used with flange #12062-1A providing the flange area is cut out slightly to mate with the new flange.

Please mark your parts lists accordingly.

Whenever you service a saw which does not yet contain these new parts, we recommend that you install them. At the same time you should apply a thin coat of silastic to both sides of the intake manifold gasket to prevent air leaks.

The use of the new parts and of silastic will assure that the entire intake system between the cylinder third port and carburetor is air tight. This will result in a steady idle speed and stable carburetor adjustment.

Joseph Shuhy, Service Manager
Forestry Equipment

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BRANCH SERVICE MEMO NO. 923

DEALER SERVICE MEMO NO. 611

TO: All Districts, Branches, Chain Saw & Construction Equipment Dealers
SUBJECT: New Homelite Shop Service Manual
DATE: 3/75

NEW! UPDATED! NOW AVAILABLE! 150 information packed pages of instructions! Nearly 400 illustrations! More than 200 Homelite Chain Saw, Pump and Generator Models listed!

That's the fourth edition of the Shop Service Manual, Part Number 23855-4. It provides information on Homelite Chain Saws, Pumps and Generators through January, 1975.

Order your fourth edition NOW! It will save you time and money in faster, more efficient unit repair, and you will profit by greater customer satisfaction.

The price of each manual is \$4.50 plus \$0.50 for postage and handling via third class mail. If you wish faster delivery, add \$1.50 to cover first class postage and handling. An order form is attached for DEALER USE ONLY. Please include your check or money order. Or, if you prefer, order in the usual manner from your HOMELITE District Office.

Charles Grossman
Charles Grossman
Service Department

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DEALER ORDER FORM

Date _____

TO: HOMELITE
Box 134
Port Chester, N.Y. 10573

Attention: L. Sullivan

Gentlemen:

SUBJECT: 23855 4th Edition SHOP SERVICE MANUAL
Account No. 7163.05(54)

Please send my MANUAL today via 3rd Class Mail.

My _____ for \$5.00 is enclosed.
(Check or Money Order)

Please RUSH my MANUAL to me via First Class Mail.

My _____ for \$6.00 includes \$1.50
(Check or Money Order)

for first class postage and handling.

Ship to: _____
Name

Street or RFD

City & State Zip Code



TO: All Districts, Branches & Chain Saw Dealers

SUBJECT: Muffler Kit #A-69864

USAGE: 900 Series - XL-98 - XL-98A Saws

DATE: 4/75

A new improved model 900 series Down Draft Muffler #A-69864 is available for service use. This Muffler was designed for increased reliability and to prevent Muffler screws from coming loose and going into the engine.

The parts of the new Muffler are not individually interchangeable with the old Muffler #A-68983 and must be used as a complete replacement Kit.

When Muffler Kit #A-69864 is used to service units that include Cylinder and Insert #A-68980-1 or 1A (used on initial XL-98A production and some chain saw service) it may require cutting screw #69850 to a shorter length (2-7/32") to prevent bottoming out in hole. This information is included in Instruction Sheet #24913 included in Kit.

Cylinder #A-68980-1 or 1A can be recognized by the dual exhaust ports and two Heli-Coils in the Muffler Pad Mounting Holes.

The (3) Mounting Screws should be assembled using 95/110 inch lbs. torque and the locking tabs of Muffler Shield bent up to secure screw heads.

A-69864 Muffler Kit includes:

- (1) A-69836-1 Cap, Muffler
- (1) A-69838-1 Body, Muffler
- (1) 69839 Plate, Muffler Body
- (1) 69840 Screen, Spark Arrestor
- (1) 69842 Shield, Muffler
- (2) 69843 Support, Muffler (long)
- (1) 69844 Support, Muffler (short)
- (1) 69850 Screw, Hex, Cap
- (2) 82280 Screw, Hex, Cap

The above parts are available individually for service when required.

Please mark your parts list accordingly.

Joseph Shuhy, Service Manager
Forestry Equipment



TO: All Districts, Branches & C/S Dealers

SUBJECT: Clutch Plate Kit #A-69953 DATE: 4/75

USAGE: EZ - S/EZ - VI-S/Mini Series & 150 Auto Series

EFFECTIVE DATE: S/EZ Auto After s/n 50222738

A change was made to improve and standardize the clutch assembly on the subject saws.

A new Clutch & Plate Kit #A-69953 is available for service use. The new design includes a Clutch Plate that is fastened to the "S" Clutch with two stainless steel screws.

* The Clutch Plate screws #80361-2 (10-32 x .500) must be tightened to 35 inch pounds torque.

The "S" Clutch #68362-1A must be tightened to 20/25 ft. lbs. torque.

The following changes are required in your parts lists for the various models.

<u>ADD</u>	<u>DELETE</u>	<u>DELETE</u>
EZ-S/EZ - VI-S/Mini Series	EZ - S/EZ & VI-S/Mini Series	150 Auto Series

Clutch Plate Kit #A-69953 includes:

- | | | |
|-------------------------------|--------------|--------------|
| 1. (1) #68362-1A - Clutch | (1) #68362-1 | (1) #68362-1 |
| 2. (1) #69915 - Plate, Clutch | | (1) #69294 |
| 3. (2) #80361-2 - Screw | | |

When servicing units that do not have the new design Clutch Assembly as original equipment, replace parts affected with complete Kit #A-69953.

When servicing units that have the new design as original equipment or that have been retrofitted with the new design, individual parts are available for servicing.

When servicing units, special attention should be paid to the drivecase covers, which should be replaced when found to be cracked, broken, or otherwise damaged.

* NOTE: Screw #80361-2 may not be immediately available. #80361-1 may be used in the interim.

Joseph Shuhy, Service Manager
Forestry Equipment



BRANCH SERVICE MEMO NO. 926CE

DEALER SERVICE MEMO NO. 614

TO: All Districts, Branches and Construction Equipment Dealers

SUBJECT: 54721 Engine

DATE: 4/75

54721-1 Engine, Briggs & Stratton, Model 200431, Type 0185 has been superseded by 43163 Engine, Briggs & Stratton, Model 233431, Type 0024-01. The Model 200431 Engine has been discontinued by Briggs & Stratton. When using the A-50964 Engine, Kit A-42614 must be used because the bolt circles for mounting the generator end bells are different.

Bill Borachok, Service Manager
Construction Equipment

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Leon's Chainsaw Parts & Repair
Do Not Sell or Reproduce



BRANCH SERVICE MEMO NO. 928CS

DEALER SERVICE MEMO NO. 616

TO: All Districts, Branches and Chain Saw Dealers

SUBJECT: Branch Service Memo #902 CS
Dealer Service Memo #589

DATE: 5/75

Also, see 150 AO Chain Saw Parts List #24535 Rev. 1, Note 1, (cylinder & crankcase).

The above Branch Service Memo and Dealer Service Memo numbers are void and were never released.

Please refer to Branch Service Memo #912 CS and Dealer Service Memo #600 as the correct numbers. Substitute these numbers in Note #1 of the above parts list.

Joseph Shuhy, Service Manager
Forestry Equipment

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TO: All Districts, Branches, Chain Saw Dealers

SUBJECT: Service Managers Newsletter #421
Branch Service Memo #921CS
Dealer Service Memo #609

DATE: 7/75

REF: #37 Low Profile Chain for XL-2

This Service Memo is issued to clarify the subject Newsletter and Service Memo.

Subject #37 Low Profile Chain, Guide bar and sprocket were added as the major build components in place of the 1/4" pitch combination. This does not replace 1/4" pitch for those saws already built and in service. 1/4" pitch chain, bars and sprockets are still available to service units when required. The #37 combinations are available as an alternate for your convenience.

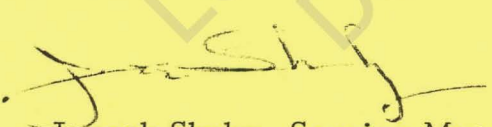
Revise your parts list as listed below:

1/4" Pitch

- | | |
|--------------------|--------------|
| 1. Sprocket & Drum | #A-69587 |
| 2. Guide Bar | #PT-12504-50 |
| 3. Chain | #25-C50-69 |
| 4. Repair Kit | #A-69682-A |

#37 Low Profile

- | |
|--------------|
| #A-70221 |
| #PT-12371-B4 |
| #37-C50-48 |
| #A-70239 |


Joseph Shuhy, Service Manager
Forestry Equipment

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BRANCH SERVICE MEMO NO. 038

DEALER SERVICE MEMO NO. 626

Distribution:

TO: All Districts, Branches and Construction Equipment Distributors
SUBJECT: Piston Rings XL98A Multi-Purpose Saw **DATE:** 11-18-75

In order to prolong piston ring life in the XL98A multi-purpose saw, the wide ring piston assembly A-67989-1 is being put in production with saws produced in November of 1975.

Part #A-67989-1 is available from service parts to service all XL98A saws. The thin rings and thin ring piston will remain available for chainsaws and for service.

Please mark your parts lists accordingly.

Bill Borachok, Service Manager
Construction & Industrial Equipment

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BRANCH SERVICE MEMO NO. 939

DEALER SERVICE MEMO NO. 627

Distribution:

TO: All Districts, Branches & Chain Saw Dealers

SUBJECT: Handle Bar # A-70283-1

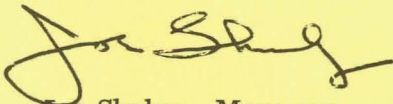
DATE: 10/75

Usage : 150 Series

Handle Bar # A-70283-1 replaces # A-68599-1.

Hand guard kit cannot be assembled without replacing existing handle bar # A-68599-1 with A-70283-1 on units built prior to this change. A-68599-1 will be superseded to A-70283-1 when all stock is exhausted.

Please revise your parts list accordingly.


Joe Shuhy - Manager
Forestry Equipment

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BRANCH SERVICE MEMO NO. 941

DEALER SERVICE MEMO NO. 629

Distribution:

TO: All Districts, Branches & Chain Saw Dealers

SUBJECT: Handle Bar # A-58793 -A
Cover, Drivecase # A-58750-16

DATE: 10/75

USAGE: XL-12

1. Handle Bar # A-58793-A

This new handle bar will replace # A-58793 on the subject saw.

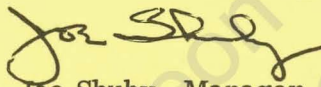
This handle bar is strengthened on the lower mounting end to prevent the cracking that has been a source of complaint.

When using the new handle bar that has a thicker lower mounting end, it will require using a longer screw # 80891 (2) (12-24 x 7/8) instead of # 80867 (2) (12-24 x 3/4).

2. Cover, Drivecase # 58750-16

To reduce inventory, cover drivecase # 58750-16 (red & black) will replace # 58750-19 (red).

Please mark your parts list accordingly.


Joe Shuhy, Manager
Forestry Equipment

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BRANCH SERVICE MEMO NO. 942

DEALER SERVICE MEMO NO. 630

Distribution:

TO: All Districts, Branches & Chain Saw Dealers

SUBJECT: Carburetor # A-69319 (HDC-15)

DATE: 10/75

USAGE: XL-XL-2

1. Needle, idle adjustment # 70220 replaces # 67373.
2. Spring, idle adjustment needle # 12199 added to retain idle needle adjustment.

Please revise your parts list accordingly.

Joe Shuhy, Manager
Forestry Equipment

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BRANCH SERVICE MEMO NO. 943

DEALER SERVICE MEMO NO. 631

Distribution:

TO: All Districts, Branches & Chain Saw Dealers

SUBJECT: Driver, check valve installation # 24972

DATE: 10/75

USAGE: "HDC" Walbro Carburetors

1. Driver, check valve installation # 24972 is available for all "HDC" Walbro carburetors.
2. Driver, check valve installation # 24173 is still available for all "SDC" Walbro carburetors.
3. Driver # 24173 was erroneously listed to be used on the "HDC" carburetors and should be discontinued immediately.

Please revise your parts accordingly.

Joe Shuhy, Manager
Forestry Equipment

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BRANCH SERVICE MEMO NO. 944

DEALER SERVICE MEMO NO. 632

Distribution:

TO: All Districts, Branches & Chain Saw Dealers

SUBJECT: Starter Pawl Kit # A-70285

DATE: 10/75

USAGE: XL-XL-2- Super-2

A new starter pawl kit # A-70285 is available for field repair of the rotor assembly # A-69297-A for the above models.

An instruction sheet is packed with the kit to provide repair information.

You no longer must buy a complete rotor if something goes wrong with the pawls, pins or springs.

Please mark your parts list accordingly.

Joe Shuhy, Manager
Forestry Equipment

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Distribution:

TO: All Districts, Branches & Chain Saw Dealers

SUBJECT: XL-XL-2 & Super-2 Chain Saws

DATE: 10/75

1. A new rubber oil line and fitting arrangement connects the auto. oil pump outlet to a press in fitting on the back side of the guide bar pad.
 1. A-69314 Oil Line (1) superseded by #70161 - oil line (1)
#70204 - fitting (1) - Auto. pump outlet
#69833 - fitting (1) - Back of guide bar pad
 2. 69295 - fitting (1) (Auto. oil pump inlet) superseded by #70204 fitting (1)

Units built prior to these changes can be serviced using the above new parts with the following exception.

The holes that were used to assemble the press in fittings of the old steel oil line # A-69314 are larger in size than required for the new fittings. Either bush the two holes to fit the new fitting or utilize the old steel oil line by cutting the steel tubing so approximately 5/8" remains on each fitting to slip the rubber oil line over.

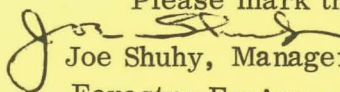
- II. Clutch Kit # A-70351 is available for service use and replaces clutch 69070 -1. This kit includes retaining ring #69743 and instruction sheet in order to assure that a damaged snap ring is not used in re-assembly.
- III. Crankshaft # A-70352 which is the super-2 crankshaft supersedes A-69132 in the XL-XL - 2 chain saws.

This new crankshaft has a 27° timing instead of the 23° on A-69132 and will function satisfactorily on the XL & XL-2 chain saw.

Use A-69132 on the XL and XL-2 only until exhausted.

- IV. Carburetor # A-70154 (Tillotson) XL & XL-2 only. (alternate for A-69319 Walbro)
 1. #70130 - Needle, idle speed (1) superseded by #70391 - screws, idle speed (1).
 2. #70392 - Spring, Needle - Added under above needle, idle speed for better adjustment retention.

Please mark the above changes in your parts list.


Joe Shuhy, Manager
Forestry Equipment
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BRANCH SERVICE MEMO NO. 946

DEALER SERVICE MEMO NO. 634

Distribution:

TO: All Districts, Branches & Chain Dealers

SUBJECT: Threaded Insert Kit # A-70370
(For repair of stripped guide bar stud insert holes in drivecase).

DATE: 10-75

USAGE: SXL-AO Series - XL-660F Auto. - XL-400 Auto.

The subject kit contains (4) oversize inserts (5/8"-18) thread size to repair drivecases with stripped threads. The field has requested this type repair kit to save time and cost of a replacement drivecase. These inserts will repair drivecases that have the original 9/16-18 thread stripped.

The drill hole size for the new tap size is 37/64" diameter. However, in most instances the stripped size taps satisfactorily without redrilling.

The stripped hole must be retapped using a 5/8"-18 unf-2B bottom tap 3/8" deep.

The new inserts should be assembled using loctite for better retention.

The new insert is made for the 3/8" diameter studs only. If the unit has the old 5/16" studs, they must also be replaced to be compatible with the new inserts.

Please mark your records accordingly.

Joe Shuhy, Manager
Forestry Equipment

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Distribution:

TO: All Districts, Branches & Chain Saw Dealers

SUBJECT: Model # 350 - Product Improvement - Identification Manual
17018

DATE: 10-75

1. Since the introduction of the 350 chain saw, many changes have been made to improve the life, performance and reliability of the saw. All saws delivered from our stock now have these improvements.

In order to familiarize you with these improvements, we have prepared a manual showing these changes. The identification manual is part # 17018, a copy of which is enclosed.

You will note that in many instances it was a running change, without a change in part number. The text and illustrations will allow you to recognize the upgraded parts that don't have a part number change, especially if the upgraded part is required to overcome a particular problem.

Please refer to this manual whenever you are repairing the earlier model saws to identify areas where problems could exist.

- II. The following parts that exist in dealer stock should be returned to the districts, using the standard warranty claim form. These will then be scrapped by the district.

1. 12048 Connector (not 12048-A or 12048-B)
2. 12062-1 Flange
3. 12161-1 Deflector
4. A-12256 Pulse Line
5. 80805 Screw

- III. The following parts that exist in dealer or district stock can be reworked utilizing the information in the manual.

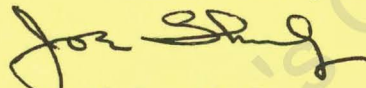
- 1: A-12160 Carburetor (make adjustable with Kit A-12958-A)
2. A-12977 Carburetor (make adjustable with Kit A-12958-A)
3. 12048-A Connector (recut into 12048-B)

IV. The following parts in field stock can be used since dealer and district stock should by now consist of the latest upgraded parts only. Refer to text and illustrations for latest changes.

1. 12033-3 Cover
2. 12042-2 Brace
3. 12059-2 Bracket
4. A-12107 Handle Bar
5. A-12137 Adjuster
6. A-12204 Back Plate
7. A 12248 Cylinder
8. A-12251 Crankcase
9. A-12265 Muffler
10. A-12286 Housing
11. A-12295-1 Cover, Drivecase
12. A-12299 Transformer

Any of the above parts that are in dealer or district stock that are not of the upgraded type can be returned to district, to be scrapped using the standard warranty form.

Please mark your parts list accordingly.


Joe Shuhy, Manager
Forestry Equipment

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BRANCH SERVICE MEMO NO. 947-1

DEALER SERVICE MEMO NO. 635-1

Distribution:

TO: All Districts, Branches and Chain Saw Dealers

SUBJECT: Model #350 - Product Improvement
Identification Manual #17018

DATE: 11-6-75

CORRECTION

Our original release of the above memo was supposed to have the Manual #17018 attached. If you do not find it attached to the Memo, please look at District Memo #946, Dealer Memo #634. It was attached to this memo in error.

We are sorry for the inconvenience.

Lars E. Johnson
National Service Manager

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BRANCH SERVICE MEMO NO. 948

DEALER SERVICE MEMO NO. 636

Distribution:

TO: All Districts, Branches & Chain Saw Dealers

SUBJECT: Thrust Washer # 69093-A

DATE: 10-75

USAGE: XL-XL-2 & Super - 2 Chain Saws

A few dealers have informed us that some of the subject saws develop an annoying squeal after short use.

The problem we find is due to a small quantity of faulty thrust washers #69093 that were mixed in our stock.

The problem squeal can be corrected by replacing thrust washer # 69093 with a new thrust washer # 69093-A. Also, on all future repair of the subject saws, use only 69093-A.

All thrust washers # 69093 in dealer stock should be returned to the district using the standard warranty form.

Re-order and use only # 69093-A on all future repair.

Please mark your parts list accordingly.

Joe Shuhy, Service Manager
Forestry Equipment

jp



Distribution:

TO: All Districts, Branches and Chain Saw Dealers

SUBJECT: Dealer Warranty Parts Returns

DATE: 11-17-75

During the recent visit of "Gold Seal Dealers" to our new Charlotte, North Carolina office, many dealers commented that they considered warranty parts returns to the District Office an unnecessary burden on Dealers.

We have been testing a similar program with our District Offices since February, 1975. We are very pleased to advise you that effective immediately Dealers will not be required to return warranty parts to the District Office to receive warranty credit. Credit will be issued after inspection and approval of warranty claims by the District Service Manager.

HOLD WARRANTY PARTS:

Dealers should hold warranty parts in their shop for an additional thirty (30) days after receipt of credit. The District Service Manager may ask you to return parts for his or our inspection at Division Headquarters.

WARRANTY CLAIMS:

Claim forms should be mailed to your District Service Manager. We realize that it is almost impossible to type the information we want on the claims. However, we do expect to receive the claims filled with the best information available and written so we all can read them.

This new procedure will speed up payment of your claims and be of benefit to all concerned.

Lars E. Johnson
National Service Manager

pgc



BRANCH SERVICE MEMO NO. 950

DEALER SERVICE MEMO NO. 638

Distribution:

TO: All Districts, Branches and Construction Equipment Distributors

SUBJECT: Homelite Submersible Pumps
SP 100-1, SP 200-1, SP 300-1

DATE: 11-18-75

It has come to our attention that the submersible pumps have been manufactured with an Allen type plug under the brass plug in the oil fill holes. When checking the oil, you must remove the brass plug with a screw driver and then remove the Allen plugs with an Allen wrench.

The part numbers for these plugs are:

43154 plug, threaded (Allen)

28097 Plug, Brass

Bill Borachok, Service Manager
Construction & Industrial Equipment

pgc



HOMELITE

a division of Textron Inc.

BRANCH SERVICE MEMO NO. 951

DEALER SERVICE MEMO NO. 639

Distribution:

TO: All Districts, Branches and L & G Dealers

SUBJECT: Blade Assemblies, Inner & Outer, L. H. & R. H., **DATE:** 11-18-75
on 36" Rotary Tiller

LM-01053-87, LM-01053-88, LM-01053-89 and LM-01053-90 Blade Assemblies are no longer available as a unit. Each of these Blade Assemblies contain the same parts, but are assembled differently.

The following parts are required to make any of the above listed Blade Assemblies:

4 LM-01053-77 Spacer
4 LM-09205-94 Screw
4 LM-09288-67 Nut
2 LM-16525-62 Tine Blade, L.H.
2 LM-16525-63 Tine Blade, R.H.
1 LM-16531-12 Hub & Plate

Billy Butler

Billy Butler
Field Service Representative

pgc



BRANCH SERVICE MEMO NO. 952

DEALER SERVICE MEMO NO. 640

Distribution:

TO: All Districts, Branches & Chain Saw Dealers

SUBJECT: Piston A-63071-D
Rod Connecting #A-59945


DATE: 11-17-75

USAGE: S-1050 Auto. Series - S-1130 & Auto. Series - XP 1000 Series.

The subject piston & connecting rod (bottom guided, formica faces) will no longer be supplied for service.

- A. For Piston replacement only, use top guided piston # A-69189-A instead of A-63071-D.
- B. For rod replacement it will be necessary to replace both piston # A-63071-D and rod. #A-59945 with piston & rod # A-69175-A (top guided).

Please revise your parts list accordingly.


Joe Shuhy, Manager
Forestry Equipment

jp

BRANCH SERVICE MEMO NO. 953DEALER SERVICE MEMO NO. 641

Distribution:

TO: All Districts, Branches & Chain Saw Dealers

SUBJECT: A-65212-B - Oil Pump - SEZ-AO & # 65137 - Oil Line DATE: 11-17-75

I. A-65212-B Oil Pump

We have found that a quantity of the subject pumps were shipped to the field with the inlet hole drilled oversize. The code stamped on the boxes in which pumps with oversize holes were found are 5-I-7 and 5-I-10.

These pumps can be used to service older units with the single pick up for both auto. & manual pumps without any problems or modifications. The over size hole in this application is simply an inlet hole.

The problem occurs when the pump is used for the new two pick up system covered in the instruction sheet # 24883 that is included with the A-65212-B pump assembly.

A plug is included to seal the inlet hole in question and it simple drops into the oversize hole and does not seal.

If the pump is required to service the new system and a pump with proper hole size is not available, you may seal the hole effectively by either using a larger diameter plug, use an epoxy to seal the loose plug, or use a small gasket under the "O" ring to seal off the inlet hole in question.

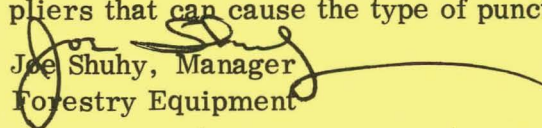
Steps have been taken to assure that all future shipments of A-65212-B oil pump will have the proper size inlet hole.

II. #65137 - Oil Line

A quantity of oil lines # 65137 were damaged during assembly of the oil line into the carburetor chamber.

If the manual oiler doesn't function, check the line for leaks, especially around the flange that locates and seals the oil line in the carburetor chamber.

Use care not to damage line in assembly of the new lines, especially avoid using pliers that can cause the type of puncture that can cause a leak.


Joe Shuhy, Manager
Forestry Equipment

jp



BRANCH SERVICE MEMO NO. 954

DEALER SERVICE MEMO NO. 642

Distribution:

TO: All Districts, Branches & Chain Saw Dealers

SUBJECT: Transformer Receptacle # A-70088 (CD-Ignition)

DATE: Nov. 1975

USAGE: 350 - 450 & 650 Chain Saws

The CD-system for the subject saws has been revised to include (2) #10-24 steel inserts molded into the new transformer receptacle # A-70088

This will prevent the stripping that has occurred in the plastic threads on receptacle # 12629.

Please make the following changes in your parts list as required.

New Parts

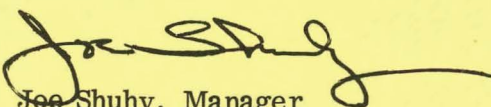
Old Parts

1. #A-12299-A - Transformer & Grommet (1)
2. #A-70088 - Kit, Transformer Receptacle (1) with inserts & spare screws #70068 is released new to service all units built prior to and after the above changes & supersedes #12629.

A-12299 (1)

Note:

1. When servicing units built prior to this change, where the old transformer # A-12299 is reused, it will require replacing the plastite screws with the new screws # 70068 received in kit # A-70088.
2. The new screws will not be captive when used with the old transformer & new transformer receptacle. However, the new transformer has a reduced hole size in the inserts that will make the screws captive.


Joe Shuhy, Manager
Forestry Equipment

jp



Distribution:

TO: All Districts, Branches & Chain Saw Dealers

SUBJECT: Vibration Mount Bracket # A-69926

DATE: Nov. 1975

USAGE: VI-944, VI-944-C, VI-955, VI-955-E

Several changes were made to the vibration isolator design on the subject units that require clarification for service of each.

1. Original Design:

Bracket, Vibration Arm	#68905-2	(1)
Isolator, Vibration	#68320	(1)
Pin, Vibration Isolator	#68306	(1)
Ring, Retaining	#69308	(2)
Washer	#69309-1	(1)

II. First Revision of Original Design:

A-69522 - Vibration mount bracket superseded #68905-2 and pin #68306 and consisted of:

	Bracket & Pin	(1)
82175	Screw, Pan Hd.	(1)

Note: Used with washer #69309-1 that came with unit in original design and 68320-A isolator.

III. The present design consists of a 2-piece isolator & revised vibration mount bracket #A-69926 that replaces A-69522.

A- 69926 - Vibration mount bracket consists of

	Bracket & Pin	(1)
82175	Screw, Pan Hd. (10-32x 5/16)	(1)
69757	Isolator, Vibration	(1)
69769	Isolator, Vibration	(1)

} 2 piece isolator

Note: Used with washer #69309-1 that came with unit in original design.

Please mark your parts list accordingly.

Joe Shuhy, Manager
Forestry Equipment

BRANCH SERVICE MEMO NO. 956DEALER SERVICE MEMO NO. 644

Distribution:

TO: All Districts, Branches & Chain Saw Dealers

SUBJECT: Bracket, Handle Bar

DATE: Nov. 1975

USAGE: SLX-Mini & SEZ Auto Series

Changes have been made to strengthen the handle bar brackets in the subject saws to reduce breakage.

- A. Vibration isolation parts have been removed from between the handle bar bracket & the drivecase. This was done with only slight change in the vibration isolation characteristics of the saw.
- B. Material was added to the bracket to compensate for grommets & shock mounts removed.

SEZ-AO, Super-XL-MiniParts Added

A-70302 - Handle Bar Brkt. Kit (1) Supersedes

Includes: Handle Bar Brkt. (1)
Screw #80704 (2)
Instruction Sheet (1)

Parts Deducted

68734-2 Brkt, Handle Bar (1)

EZ

A-70303 - Handle Bar Brkt. Kit (1) supersedes

Includes: Handle Bar Brkt. (1)
Screw #80704 (2)
Instruction Sheet (1)

65035-3 Brkt, Handle Bar (1)

When using new Handle Bar Brkt. Kits the following parts are removed from the unit.

- A. 64613-A screw, shoulder (2)
- B. 64473 - Grommet, Handle Bar (2)
- C. 65111 - Mount, Shock (1)

Note: Continue to use existing plate # 65032 with the new Handle Bar Kits #A-70302 and A-70303.

Please revise your parts list accordingly.

Joe Shuhy, Manager
Forestry Equipment

jp



BRANCH SERVICE MEMO NO. 957

DEALER SERVICE MEMO NO. 645

Distribution:

TO: All Districts, Branches & Chain Saw Dealers

SUBJECT: Cover Plate Kit # A-70381

DATE: Nov. 1975

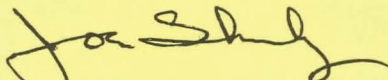
USAGE: 350 Chain Saw Series

A cover plate kit #A-70381 is available as a service accessory for the 350 series saws.

The Kit consists of a plate, (2) drivescrews and the instruction sheet for drilling the holes required to assemble the shield to the crankcase.

The purpose of the shield is to prevent sawdust packing the crankcase.

Please revise your Parts List Accordingly.


Joe Shuhy, Manager
Forestry Equipment

jp



BRANCH SERVICE MEMO NO. 958

DEALER SERVICE MEMO NO. 646

Distribution:

TO: All Districts, Branches and L & G Dealers

SUBJECT: Rear Wheel Weight LM-16002-40

DATE: Dec. 1975

LM-16002-40 (20 lbs.) rear wheel weight is no longer available. It is now superseded by LM-16901-68 (40 lbs.). Please note the difference in weight and order accordingly.

Price memo will be issued when price is available.

Billy Butler
Billy Butler
Field Service Representative

jp

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HOMELITE

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BRANCH SERVICE MEMO NO. 959

DEALER SERVICE MEMO NO. 647

Distribution:

TO: All Districts, Branches and L. & G. Dealers

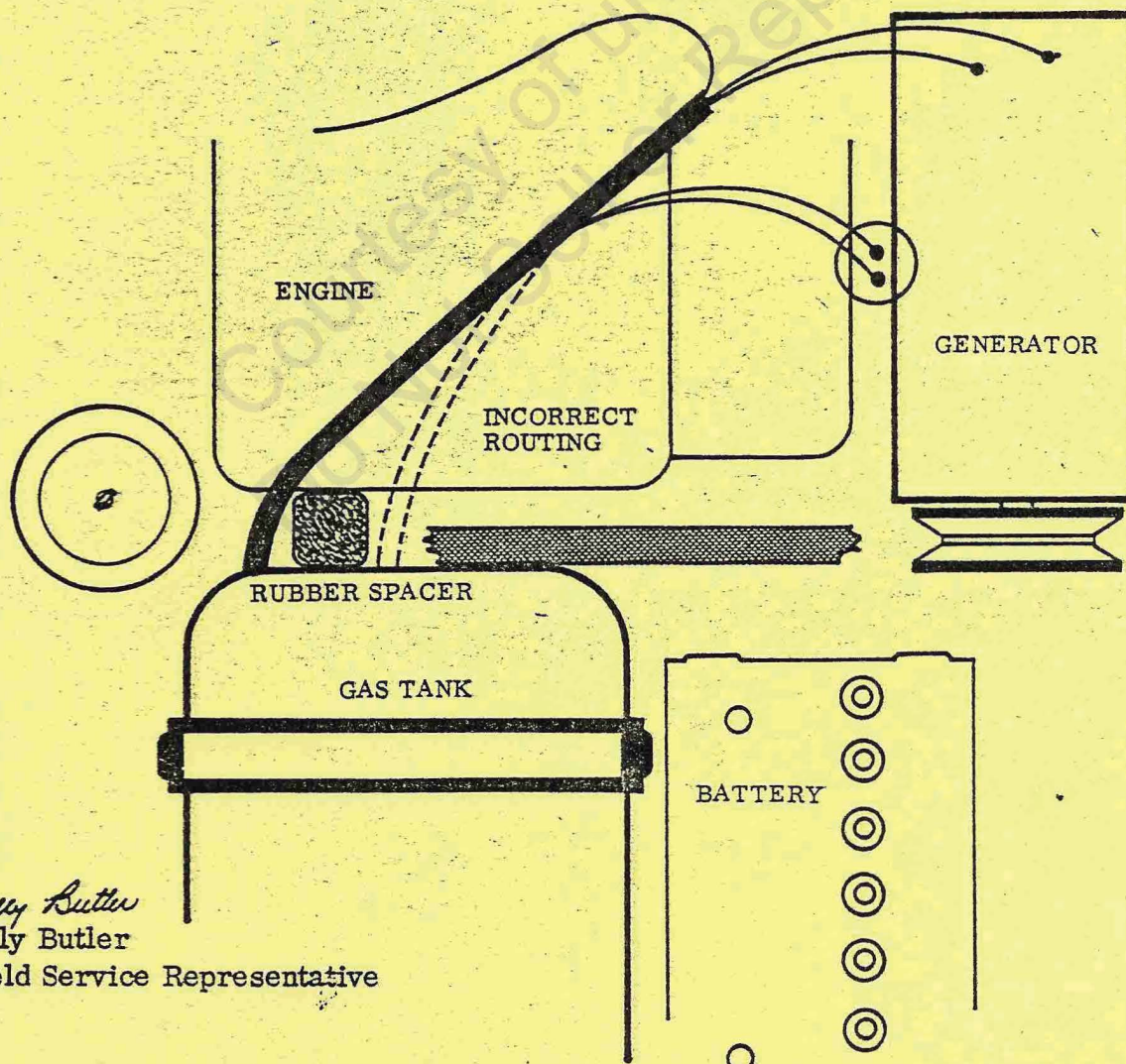
SUBJECT: Wire Harness Routing 1975 T-10, T-13, T-16

DATE: December 1975

Some of these units may have the wiring harness incorrectly routed.

The units correctly wired should have the harness routed to the left side (viewed from the operator's position) of the rubber spacer block between the gas tank and the engine shroud (see illustration below).

Units incorrectly wired have the harness routed to the right of the rubber spacer block (see illustration below). The harness should be re-routed to prevent possible damage to wiring harness by coming into contact with "V" belt drive and shorting out the electrical system. A warranty claim may be submitted for the re-routing --.4 of an hour will be allowed for the repair.



Billy Butler
Billy Butler
Field Service Representative

jp



Distribution:

TO: All Districts, Branches and L. & G. Dealers

SUBJECT: Wire Harness Routing, 75 RE8E, Three Speed

DATE: December 1975

The wiring harness is incorrectly routed on the above units. The present position can allow the wiring harness to wear when it comes in contact with the frame or mower drive belt at Ref. (A) in Illustration (Reverse Side). To prevent damage to wiring harness and electrical system, the wiring harness must be re-routed by using Kit #A43283.

Wiring Harness Relocation Kit #A43283 consists of:

- 1 17054 Instructions and Parts List
- 1 LM-01769-64 Guide, Belt
- 2 LM-09193-19 5/16-18 x 7/8 Cap Screw
- 2 81235 5/16-18 Lock Nut
- 2 12298 Tie, Cable

To Install Kit #A43283 follow these instructions:

- 1. Remove LM-01769-12 Clips, Ref. (B)
- 2. Install LM-01769-64 Guide, belt, using 2 LM-09193-13 cap screws and 2 81235 lock nuts and mounting the cap screws through the holes provided in frame at Ref. (G).
- 3. Remove throttle cable from engine and clamp, Ref. (C).
- 4. Pull throttle cable through frame and re-route wiring harness next to frame and secure to LM-01769-64 guide, belt at Ref. (D) and throttle cable, Ref. (E), using 12298 tie, cable.

Note: Make sure wiring harness cannot come in contact with frame at Ref. (F).

- 5. If wiring harness is too short to reach, cut and splice wires as needed.
- 6. Replace throttle cable, securing at clamp, Ref. (C) and engine.

A warranty claim may be submitted for the re-routing Kit #A43283 and labor (.5 of an hour will be allowed for the repair).

Billy Butler
Billy Butler
Field Service Representative

jp