



ECHO, INCORPORATED 400 Oakwood Road, Lake Zurich, Illinois 60047 • 847-540-8400

TO ALL ECHO DISTRIBUTORS AND SERVICING DEALERS:

BULLETIN

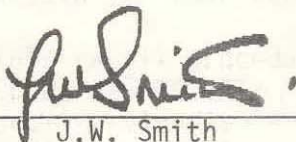
ECHO has been advised of injuries sustained by the operators of the ECHO Chain Saw CS-500VL due to the fracture of the flywheel at high speeds.

Laboratory analysis and field investigation has indicated that the failures are caused by the use of the wrong tools and techniques in removing the flywheel.

ECHO has voluntarily instituted a recall program of the CS-500VL and will replace it FREE OF CHARGE with a new saw model CS-510EVL. This model is equipped with a Capacitor Discharge Ignition System (CDI) which eliminates the necessity of flywheel removal for contact breaker servicing.

ECHO, INCORPORATED has included with this Bulletin a copy of the poster announcing the recall. This poster should be prominently displayed by all Authorized ECHO Distributors and Dealers and the public should be encouraged to assist in the recovery program by communicating the contents of the poster to any known owner of a CS-500VL. Additional copies of this poster will be available as required, upon request, from the ECHO Service Department. The saws that are affected by the recall are included in the Serial Number group from S/N 0000000 to 0023000. Owners of the CS-500VL saws within this group should return the saw to their Authorized ECHO Dealer who will forward it to ECHO, INCORPORATED under a warranty claim. All claims should be addressed to the attention of the Service Department and should include the return authorization number CP686 on both the claim form and the carton containing the saw. ECHO, INCORPORATED will supply a new CS-510EVL free of charge to the owner upon receipt of the old CS-500VL. ECHO will reimburse the Dealer for transportation costs and labor at \$3.00/unit. This is a powerhead replacement only, bar and chain is not included.

This Bulletin and poster display will remain in effect until ECHO, INCORPORATED notifies all Dealers and Distributors of its termination. Any questions regarding the procedures of this program should be directed to Mr. K.R. Andersen, V.P. Technical Services, ECHO, INCORPORATED.



J.W. Smith

Vice President, Product Safety

8/1/86

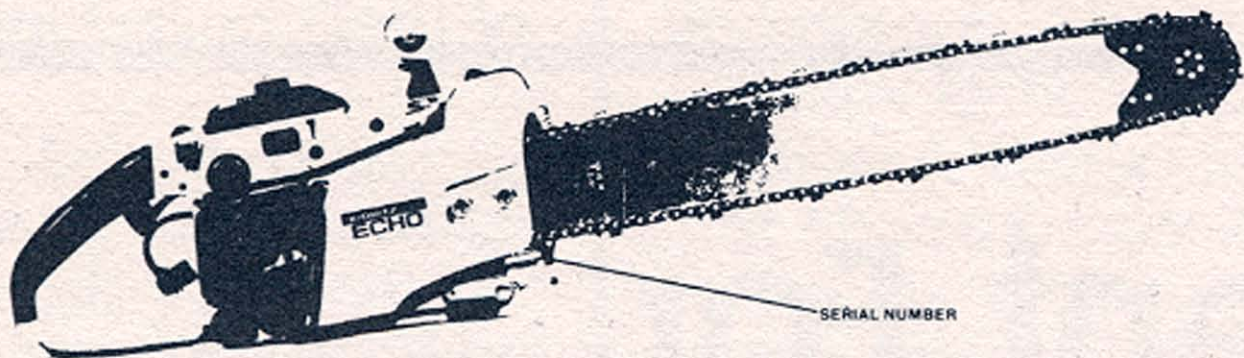
QUALITY OUTDOOR POWER EQUIPMENT

ATTENTION

PRODUCT RECALL

CS-500VL

Affected units in Serial Numbers inclusive to 0023000



Echo has been advised of injuries sustained by the operators of the model CS-500VL due to fracture of the flywheel at high speed. Laboratory analysis and investigation of units in field service have indicated that the failures have been caused by the use of the wrong tools and techniques in removing the flywheels (see fig. A-B).

Echo Inc. has serious concern at the nature of these injuries but has recognized that the lever/hammer technique in removing flywheels is common practice and beyond the control of the manufacturer.

Echo has therefore voluntarily instituted a recall program of the model CS-500VL and will replace it FREE OF CHARGE with a new chain saw model CS-510EVL. The 510EVL is equipped with an electronic capacitor discharge ignition system which eliminates the necessity of flywheel removal for contact breaker servicing.

To obtain a replacement saw, confirm that your CS-500VL is within the affected serial number group 0000001 thru 0023000. Return the unit to your local Echo Authorized Service Dealer and receive a new CS-510EVL in exchange FREE OF CHARGE.

CS-510EVL

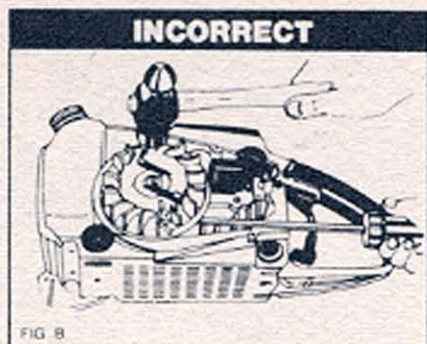
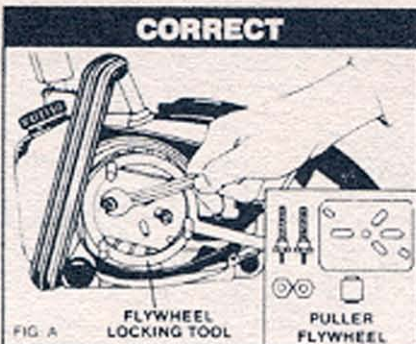


In the CS-510EVL the solid state capacitor ignition (COI) is a maintenance-free system which does not require periodic flywheel removal.

PROPER FLYWHEEL REMOVAL FOR RECALLED MODEL CS-500VL

In the CS-500VL the contact breakers require periodic cleaning, adjustment and replacement. Flywheel must be removed to gain access to contact breakers.

The application of excessive force through levers applied on the periphery of the flywheel in combination with hammer blows on the end of the crankshaft, can bend the flywheel and/or create high stress areas which may eventually result in fractures and total failure at high speed. ECHO Service Dept. has correct flywheel tools available.



ECHO

ECHO INCORPORATED, Lake Zurich, IL 60047

NEWS from CPSC

U.S. Consumer Product Safety Commission

Office of Information and Public Affairs

Washington, DC 20207

Note: Phone number.

FOR RELEASE

Originally issued August 28, 1986; Revised April 1, 2005

Release # 86-53

Echo Recalls Model Cs-500VL Chain Saw

Washington, DC -- In cooperation with the Consumer Product Safety Commission (CPSC), Echo Incorporated of Lake Zurich, Illinois today announced the voluntary recall of all model 500VL gasoline powered chain saws manufactured from 1979 to 1980.

Some 8,500 Echo model 500VL chain saws with flywheel problems are being recalled voluntarily by the company and replaced with a new solid- state magneto chain saw at no cost to the consumer.

The firm said a special tool is required to remove the flywheel during routine chain saw maintenance, but some flywheels have been removed by consumers without aid of the tool. If the flywheel becomes distorted as a result of such removal, the flywheel may be subject to stress and vibration. Pieces of the flywheel may fly apart and strike the operator as was the case in the three accidents reported to Echo, which resulted in lacerations, fractures and amputation to the fingers of the operator's left hand.

Consumers should discontinue using the Echo 500 VL chain saw immediately. Owners of Model 500VL chain saws with serial numbers inclusive to 0023000 should contact their Echo Dealer to arrange for replacement of the saw at no charge. The new Echo saw, model 510 EVL, comes equipped with a solid-state electronic magneto which is not removed during routine maintenance.

Consumers desiring more information about the product recall should write to Echo, Incorporated, 400 Oakwood Road, Lake Zurich, Illinois 60047, or call Echo's Service Department at (847) 540-8400.

CPSC is still interested in receiving incident or injury reports that are either directly related to this product recall or involve a different hazard with the same product. Please tell us about it by visiting <https://www.cpsc.gov/cgibin/incident.aspx>

The U.S. Consumer Product Safety Commission is charged with protecting the public from unreasonable risks of serious injury or death from thousands of types of consumer products under the agency's jurisdiction. The CPSC is committed to protecting consumers and families from products that pose a fire, electrical, chemical, or mechanical hazard. The CPSC's work to ensure the safety of consumer products - such as toys, cribs, power tools, cigarette lighters, and household chemicals - contributed significantly to the decline in the rate of deaths and injuries associated with consumer products over the past 30 years.

To report a dangerous product or a product-related injury, call CPSC's Hotline at (800) 638-2772 or CPSC's teletypewriter at (301) 595-7054. To join a CPSC e-mail subscription list, please go to <https://www.cpsc.gov/cpsclist.aspx>. Consumers can obtain recall and general safety information by logging on to CPSC's Web site at www.cpsc.gov.