

94 | Saw Chain

HOW A CUTTER WORKS

Understanding how cutters work can help you see why proper chain maintenance is so important.

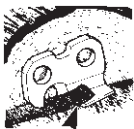
1. The depth gauge rides on the wood and controls the depth at which the cutting corner bites in.



2. The cutting corner and side plate sever the cross grains. This is the hardest part of the work.



3. The top-plate cutting angle chisels out the severed wood fibers, lifting them up and out of the kerf.



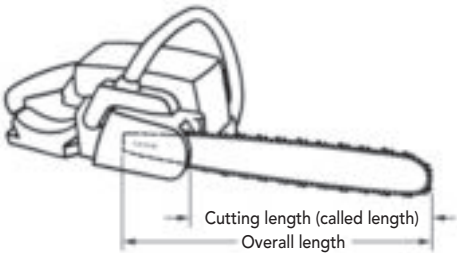
HOW TO ORDER REPLACEMENT CHAIN

For the best possible service, have the following four items of information ready for your Oregon® dealer.

1. Your saw's make and model.

SAW MAN	1100-A
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2. Your guide bar's cutting length.



NOTE Your bar's cutting length (or "called length") is different from its overall length. The cutting length is the distance from the front of the saw to the tip of the farthest cutter.

3. Your chain's part number, 72LG for example. See pages 9-14 if you need help determining your Oregon® chain's part number.
4. Your chain loop's drive-link count, 68 for example. See page 5 if you need help identifying your chain's drive links.

NOTE A loop of replacement chain is usually ordered by combining the chain's part number with the loop's drive-link count.

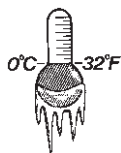
Example: 72LG - 68

(Part No.) (Drive-Link Count)

96 | Saw Chain

⚠ READ THE WARNING ON PAGE 17.

Cutting frozen wood will cause rapid wear and possible breakage around the rear rivet hole of cutters. Follow the steps below to keep cold-weather wear to a minimum.



OIL – use a lighter weight of bar-chain oil, or dilute bar-chain oil 25 percent with clean kerosene or diesel oil. Use twice as much of this diluted oil during operation, and be certain your chain is receiving oil from the saw.

TENSION – Keep your chain correctly tensioned. Check and adjust often.

CUTTERS – Keep cutters sharp. Touch up every hour, more often if needed. Do not force dull chain to cut.

DEPTH GAUGES – Check and adjust your cutter's depth gauges at every sharpening.

BAR – keep the bar groove clean and oil hole open. Turn bars over to equalize rail wear.

DRIVE SPROCKET – Replace the sprocket after every two chains, or sooner.

SOME GOOD SAW CHAIN ADVICE

Saw chain is made to cut only one thing: wood. Do not use saw chain to cut other materials, and never let your chain contact rocks or dirt during operation.

Never force dull chain to cut. When it is sharp, saw chain is designed to feed itself into the wood, and needs only light pressure to cut efficiently. Dull chain produces fine wood dust, which can clog your saw's air filter. Sharp chain produces wood chips.

THE OREGON® CUSTOMER-SATISFACTION POLICY LIMITED WARRANTY

Oregon® (Oregon Cutting Systems Division, Blount, Inc.) warrants its products to be free from defects in materials and workmanship for as long as they are owned by the original retail purchaser.

If you like our products, please tell your friends. If you are not satisfied with our products, for any reason, please tell us. Oregon® wants to provide you with products that perform to your full satisfaction. We welcome you to contact us as shown below.

LIABILITY UNDER THIS WARRANTY IS LIMITED TO REPLACEMENT PARTS, AT THE OPTION OF YOUR OREGON® DISTRIBUTOR AND OREGON®. PLEASE CONTACT YOUR OREGON® DISTRIBUTOR OR US DIRECTLY. OREGON® PRODUCTS ARE NOT WARRANTED AGAINST USER ABUSE, IMPROPER MAINTENANCE, OR IMPROPER REPAIR.

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To contact us in the U.S.A. regarding Forestry products (cutting chain, guide bars, sprockets, and accessories for chainsaws and mechanical timber harvesters), we welcome your calls between the hours of 7:30 a.m. and 4:00 p.m. (Pacific Time) Monday through Friday at 503-653-4706 or you can write to: Customer Service Department, Oregon Cutting Systems Division, Blount, Inc., P.O. Box 22127, Portland, Oregon 97269-2127, or you can contact us by visiting our website at www.oregonchain.com and using the "Technical Information" or "Technical Services" links.