

WHAT'S NEW IN CHAIN



CHAINSAW CHAIN

This year Oregon® introduces an array of new and upgraded features to some of our most popular commercial and professional-user chains. With the addition of the blued cutters, rudder (Stabl-Link™) drive link and smoother, more polished parts, our goal is to have the best looking, fastest cutting chain out of the box.

FEATURES AND BENEFITS

RUDDER "STABL-LINK™" DRIVE LINKS

Patent-pending rudder-style "Stabl-Link™" drive link



Provides greater performance and precision of cut.

Dramatically increases drive link surface area.

Beneficial for use on longer bars, and worn bars.

Creates less wear on other system components, giving longer life to the chain, bar, bar nose and drive sprocket.

BLUED CUTTERS



Improved cutter and grind consistency means better stay sharp and longer lasting chain life.

Corrosion resistant, resists rust in humid or damp conditions.

CHAIN COMPONENTS

Polished, smooth parts



Improved manufacturing processes provide a smoother surface to chain parts, for a visual difference in quality and workmanship.



WHAT'S NEW IN CHAIN

HARVESTER .404"-PITCH 18HX CHAIN

The 18HX upgrade has many new features, which make this workhorse an even tougher chain than the 18H. With the demand for stability in any cutting condition, be it weather, terrain, or variety of timber being cut, the Oregon® .404" 18HX chain upgrades improve work efficiency with these added benefits.

FEATURES AND BENEFITS

The 18HX coined drive links are 17% thicker above the groove than 18H.

Additional material on the underside of the chain chassis.

Longer footprint on the cutters and tie straps.

Technology advanced burnishing process is used on all drive link holes.

Factory pre-lubrication of the bearing surface on the rivets.

The chain is wider, tougher and cuts a larger kerf. A wider kerf provides higher performance, longer life with less binding, superior chassis strength and stability in the cut.

Gives longer working life and minimizes tie strap and cutter breakage.

Increases the contact to bar rail for longer chain chassis and guide bar life.

The smoother finish combined with the longer rivet and larger bearing surfaces leads to noticeably less chain stretch and increases chain chassis life.

Initial lubrication at the assembly stage gives the chain a good start; ready to use out of the box; reducing stretch and increasing service life.



Made from patented OCS-01 steel alloy (US patent #5772957)



WHAT'S NEW IN CHAIN



FEATURES AND BENEFITS

70 series chains	91VG	91VX		
●	●	●	Advance grind geometry and out-of-box sharpness	Δ Dramatic improvements in boring and bias modes Δ Extreme cutting efficiency, less feed force required
●			Revolutionary Stabl-Link™ drive links (*Patent Pending)	Δ Superior stability in the cut Δ Increases nose and drive sprocket life Δ Reduces bar rail wear
●		●	Blued cutters	Δ Enhanced corrosion resistance Δ Base-cutter hardness consistency
●			Tumbled parts	Δ Smooth finish combats tight joints
●			Offset ramp-shaped depth gauges	Δ Offset reduces roughness, helps prevent cutter from diving into the sidewall of the cut Δ Ramp-shape reduces kickback energies without affecting performance
●			Top-plate-angle witness mark	Δ Sharpening is easy and consistent every time and serves as end-of-life indicator
●	●	●	Lubri link™ tie straps	Δ Oil stays where it's needed: on the chain
	●	●	Lubri well™	Δ Increased chain lubrication
	●	●	Chamfer-chisel cutters with special shaped low-vibration heels	Δ Improved out-of-box grind Δ Less vibration than competitive chain Δ Superior cutting efficiency, less feed force required
	●	●	Ramped-shaped depth gauges	Δ The ramp-shape reduces kickback energies without affecting performance
	●	●	Bumper tie strap	Δ Reduced kickback without reduction in cutter specs
	●	●	Sharpens with standard 5/32" round files and file guide	Δ Easy hand maintenance



WHAT'S NEW IN CHAIN

CHAIN UPGRADES

73CL



73JGX



73LGX



73LPX



73VX



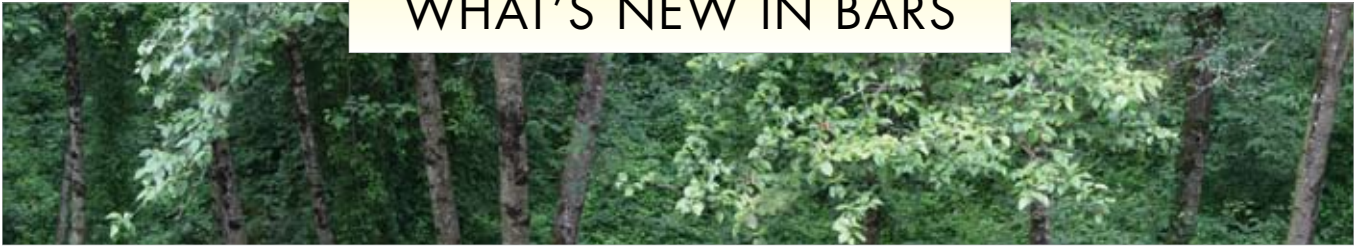
91VG



91VX



WHAT'S NEW IN BARS



PROFESSIONAL GUIDE BAR NOSE UPGRADES

Our cradle design nose patented in 1991, drastically reduced bar nose failures by addressing Sprocket Nose Outer Race (SNOR) breakage. Now, all our PRO bar noses have been upgraded to reduce SNOR breakage where the nose laminates spread and causes the bearings to tip and jam.



THIS UPGRADE APPLIES TO THE FOLLOWING BARS:

- Pro Lite® .325"-10 and .325"-12
- Pro Lite® 3/8"-11 and 3/8"-9
- Pro Lite® .404" -10
- Power Match® RSN's .325"-12, 3/8"-11 and .404"-10



FEATURES AND BENEFITS

Increased the size of the rivet by 64%.

Increased rivet pattern size by 33%.

Increased number of bearings by 12% to 33% depending on size.

Increased number of nose rivets from 4 or 5 to 6 (larger Pro noses only).

Dimpled rivet design.

Increases joint strength to hold the nose laminates together.

Moves the clamping forces closer to the rails, increasing resistance to spreading by 30%.

Distributes forces across more bearings, reducing load concentrations.

Improves joint strength

Improves rivet hole fill and joint strength.

Old style nose



New style nose



WHAT'S NEW IN BARS

HARVESTER 3/4"-PITCH BARS

Oregon® has upgraded its 11BC, 11H 3/4"-pitch harvester bars that are used on a broad range of equipment. The bar body is now made of harder material for greater strength and longer bar life.

FEATURES AND BENEFITS

New bar body material

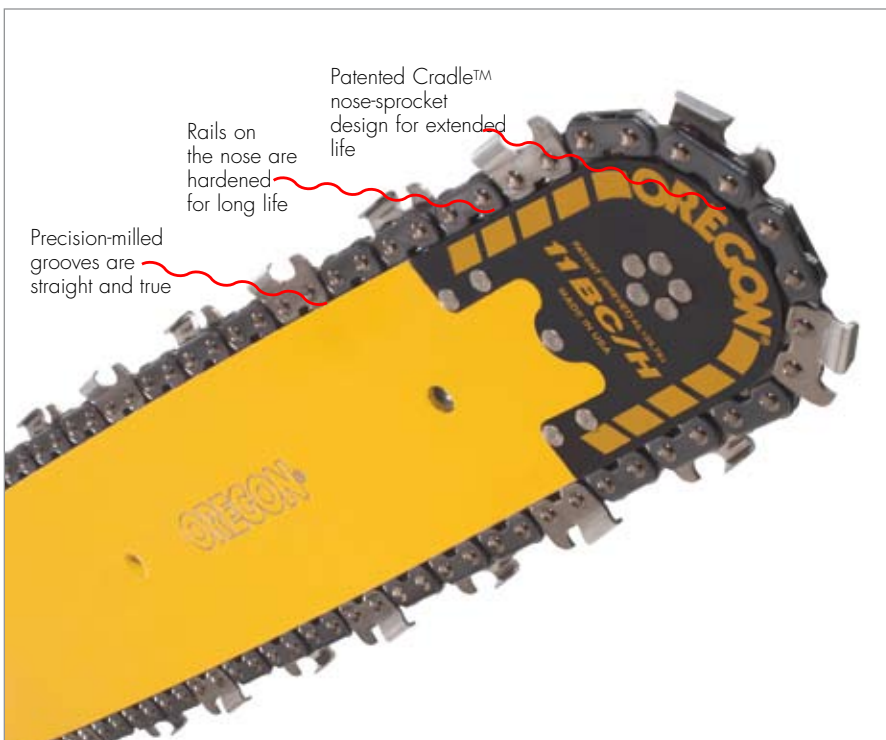
Bars stay straighter and takes 14% greater load before bending.

Harder rails

Longer bar life. Resists wear 13% better than before.

Patented Cradle™ nose-sprocket design

Increases life of the nose by 150% to 300%.



WHAT'S NEW IN ACCESSORIES



12V SURE SHARP®

Oregon® has a variety of accessories available to help keep your saw chain cutting like new throughout its life. The 12V Sure Sharp® makes it easy to sharpen saw chain by hand and keeps working long after other hand grinders wear out. Upgrades include a convenient cigarette lighter plug-in adapter in addition to the existing "alligator clips", and a sharpening stone release spindle switch for fast, easier stone removal.

FEATURES AND BENEFITS

Cigarette lighter plug-in adapter and 12V battery hook up.

Sharpening stone release spindle switch

Built-in guide plate

Convenient double-feature electrical cord makes it easy to use in any vehicle cigarette lighter.

Makes fast work even faster with a touch of a button. It easily removes the stone without using any tools.

The marked diagram on the guide plate makes it easy to set the appropriate sharpening angles every time.



CHISEL BIT FILES

To complete our line of chisel bit files, Oregon® has introduced a new chisel bit file for sharpening square-ground saw chains. This file proves its performance in its overall life and you can see a difference in quality as well. Its unique design removes more material, feels smoother and resists clogging.

FEATURES AND BENEFITS

Precision cutting tooth angles.

Uniform file diameter and tooth height.

Uniform hardening

Superior performance. You'll see excellent initial sharpness and long stay sharp.

Fast material removal and smooth filing action.

Superior stay sharp.



WHAT'S NEW IN ACCESSORIES

511AX BENCH CHAIN GRINDER

The Oregon® model 511AX bench chain grinder is one of the finest machines available for those who frequently sharpen chain. It has been carefully redesigned to include some new and upgraded features that will make grinding chain faster and more efficient. This well-built machine is sure to provide years of valuable service for all that use it.

FEATURES AND BENEFITS

Self-centering vise

Equal grind angles without adjustment. The self-centering vise clamps to all chain sizes, from 1/4"-pitch to 3/4"-pitch chains. No 3/4"-pitch vise attachment required.

Forward/aft sliding vise

This newly added part compensates for reduction in material on the grinding wheel. The vise repositioning feature allows the wheel to remain in the same position as material is reduced through grinding use.

Indexing chain stop assembly

A larger, more robust indexing chain stop provides greater surface area to accommodate larger chain types.

Motor head release button

This feature will make a difference when filing depth gauges. By simply pushing a button, the motor head raises, allowing more room to work when filing depth gauges.



Motor head release button

Indexing chain stop assembly

Forward/aft sliding vise

Self-centering vise

