

(gasoline-powered saws) and §30 of UL 1662/ ANSI Standard B175.1 (electric chainsaws). Ask your STIHL dealer about safe operating procedures and the advantages of the STIHL Quickstop® chain brake, STIHL Quickstop® Plus additional chain braking feature, STIHL reduced kickback bar and STIHL low kickback saw chains. STIHL recommends the use of green reduced kickback bars and green low kickback chains on all STIHL chainsaws.

Stihl 16 Gas Farm Chainsaw - MS 311

Note: STIHL recommends use of fuel with no more than 10% Ethanol content. Using fuel with greater than 10% Ethanol content may cause damage to your equipment and may void your STIHL warranty. The advanced engine technology of this chainsaw improves fuel economy by up to 20% over previous model chainsaws for longer run times.

* The actual listed guide bar length can vary from the effective cutting length based on which powerhead it is installed on.

WARNING! Improper use of any power tool may cause serious or fatal injury. Read, understand, and follow carefully the operating and safety instructions in your instruction manual before using such products. STIHL products sold through U.S. STIHL Dealers are for distribution in the United States only.

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Product Description

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Features

Powerful Low Exhaust Emission Engine -A powerful low exhaust emission engine saves users fuel and operating costs without losing the power they count on to get the job done.

IntelliCarb™ Compensating Carburetor -The IntelliCarb™ Compensating Carburetor is designed to automatically adjust the air/fuel ratio when the air filter becomes restricted or partially clogged and maintains the engine's correct RPM. IntelliCarb™ uses air from the clean side of the air filter to control the diaphragm and flow of fuel. As the air filter becomes dirty and less air is available for the carburetor, the IntelliCarb™ system adjusts the fuel flow to compensate for the decrease in air flow. This is in contrast to typical carburetors that utilize this air from the "dirty" side of the air box.

Bumper Spikes -These spikes prevent pull-in and provide better control, making cutting easier.

Decompression Valve -The decompression valve, also referred to as 'deco' or 'deco valve', vents compression in the cylinder for easier starting. The decompression valve temporarily reduces the compression in the combustion chamber during cranking and helps reduce the effort needed to pull the starter rope. It is opened manually and closes automatically as soon as the engine fires.

Toolless Fuel and Oil Caps with Retainers -Simply lift the lever and twist the caps to remove or tighten. There's no need to use a tool to tighten or loosen.

Pre-Separation Air Filtration System -This time-saving technology boosts the efficiency of the engine's filter system, doubling the time between air filter cleanings. Air drawn into the engine is first separated via centrifugal force, ejecting the heavier dirt particles before being routed to the air filter. This pre-separation means less dirt to be captured by the air filter, resulting in less frequent cleaning and maintenance.

Side-Access Chain Tensioner -The side-access chain tensioner makes it much more convenient for the user to adjust the saw chain with a bar wrench as opposed to the typical location of the guide bar adjustment screw.

Anti-Vibration System -STIHL has developed a system for minimizing the vibration levels of handheld outdoor power equipment. The STIHL anti-vibration system helps reduce operator fatigue and provides a more comfortable working experience.

Master Control Lever™ -The Master Control Lever™ is an easy to use single lever, operating the choke, starting throttle lock, and on-off switch. The operator must pull the throttle trigger before moving the Master Control Lever™ to the choke position.

Throttle Trigger Interlock -This safety feature must be depressed before the trigger can be activated.

Warnings and Safety

IMPORTANT SAFETY INFORMATION The occurrence called "kickback" can cause serious or fatal injury. Always read the instruction manual carefully before using your saw. STIHL uses a green and yellow color-coding system to help you select a powerhead, bar and chain combination that complies with the kickback requirements of ANSI Standard B175.1