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## Ego 14 chainsaw manual

Chainsaws can be handy to have around whether you have trees to fall, limbs to trim or other odd jobs that require serious cutting power. Choose the type and size of the new saw based on what you will use it for and your experience level. Husqvarna 460 Rancher \$520 Gas 24 16.25 60.3 cubic centimeters Buy now Echo CS-400-18 \$299 Gas 18 12.12.12.2 12 1 40.2 cubic centimeters Buy now Jonsered-CS2255 \$429 Gas 20 15.5 55.5 cubic centimeters Buy now Husqvarna 120i \$120i 299 Battery 14 6.5 40 volts Buy now Makita UC4051A \$240 Corded 14 14 110 volts Buy now Black + Decker LCS1020 \$1020 \$14,112 Battery 10 8.4 20 volts Buy now Stihl MS 250 \$360 Gas 18 10.1 45.4 cubic centimeters Data obtained for May 2019. Prices can vary and should only be used as a general guide. You'll find chainsaws with three main power supplies: gas, electric and lithium batteries. There are advantages and disadvantages to each type as outlined in this table: Gas Great jobs such as cutting down large trees The most powerful option Works for a long time on a single tank of gas Portable Can be difficult to run Requires a mixture of gas and oil to run corded repeating tasks over a small area such as pruning trees or cutting firewood Requires less maintenance than gas models Quieter will not work with energy until as it is connected in Limited based on cord length Long extension cords can be a safety hazard Battery Small jobs around the yard Easy Quiet Portable Short run time Less powerful than gas and cord models When buying a new chainsaw compare these features to find the best fit for you: Price. New chainsaws can range from \$50 to \$500 or more, depending on size, brand and model. Some large commercial-grade chainsaws can push \$1,000 or more. Engine capacity. The size of the engine is measured in cubic centimeters. The bigger the engine, the more power the saw will have. Most chainsaws for home use have engines measuring 30 to 60 cubic centimeters. The length of the bar. The bar is part of the saw where the chain sits and rotates when switched on in order to cut through various materials. Most chainsaws for home use have anywhere from 6- to 24-inch bars. No longer always better in this case. Longer bars can be harder to control, posing an added security risk. They can also become on the hairstyle when working in smaller workplaces. The average homeowner should be ok with a 16-inch bar or less. Chain. Different saws can eat with different chains, depending on their size and what material they are best suited to. Carbide-toothed chains will cost a little more, but can help keep your chain from becoming dull or damaged if you cut through dirty wood and nails, cutting the stump. Weight. Select a chainsaw that you'll be comfortable working on for a long period of time. Small battery-powered models can be as light as six pounds, while larger gas saws can exceed 20 pounds. The width of the body. A huge dust can be treated more easily than wood dust. Material specialty. Some chainsaws are specifically designed to address certain specific for example, wood or stones and concrete. Other saws are intended for public use. Security features. The latest chainsaws come with a variety of important safety features such as chain brakes, chain catchers, low-return bars and trigger blocking. Additional features. Other features that may be enjoyable but not necessary for everyone include anti vibration, tool-free chain tension, pre-air control systems, fuel sensor and automatic chain oil refinery. In general, the more additional functions the saw has, the more valuable it will be. How to measure the bar of chainsaws and chainsaws To find out what size of chain to use with dust, you will need to measure the bar. To do this, simply measure from the tip of the bar to the point where it first comes out of the saw itself. Round to nearest integer if you measure fraction. It will be the length of your bar. To determine the length of the chain, you will need to find two measurements: the number of disk links and the step. To find the number of drive chains: Place the chain on a flat surface. Count the number of drives or grasslands on the chain. To find the chain pitch: Measure the distance between any three consecutive rivets on the chain, starting at the center of the first rivets and walking to the center of the third. Divide this measurement into 2. If your chain has become boring and inefficient, you have three main options: Take your chain to a professional so it's sharpened. Sharpen the chain yourself. Replace the entire chain with a new one. To sharpen the chain yourself, follow these steps: Make sure the saw is not working or is not plugged in. Mark the tooth you start with so you don't sharpen more than others. You can use a special chainsaw sharpening tool to make sure you are tucking at the right angle, or use an angle guide that needs to be marked on each individual tooth. Align the file with the first tooth and make straight, even strokes, following this angle, only feeding in one direction. Be sure to apply the same number of strokes to each tooth as you walk along the chain. Chainsaws can be dangerous tools if not used properly. Always read all the instructions of the user who went with your saw before you started. In addition, follow good chainsaw safety practices such as: Always wear proper protection of eyes, shoes and clothing while running a chainsaw. Check the dust before each use, ensuring that all safety features are properly maintained. Remember the kickback area of your saw. Always hold the walking chainsaw with two hands. Turn it off if you need to use one hand for something else. Take your time. Most accidents happen when people rush. Plan your incision so you know exactly where the bar will come from the material. If you are not a professional, do not climb trees or ladders with a chainsaw. Chainsaws Make short work of a big project around the house, but the right one for you will depend on your experience, what type of jobs you will do and how much you want to spend. Ready to buy? Compare Top Top Consider comparing the best poles drank if you decide to work high above your head. We have combined our own personal experiences and online research to create our list of the best chainsaws by comparing type, size and common features. We also took into account unbiased reviews of third-party products. Go to the Stihl website and enter your location to find the Stihl dealer near you. Always wear proper safety equipment like: Eye protection Helmet for hearing protection or hard hat Leather gloves Working boots Protecting feet such as leather hats Avoid wearing loose-fitting clothing The chain should be tight enough that it can't pull disc links out of the bar, but it doesn't have to be so tight as not to give. If you're not sure, asking a professional to help fit your chain because too loose a chain or too tight can be dangerous. Chainsaws tend to go on sale in the fall, during the peak wood cutting season. Take the best time to buy other tools and equipment in our guide. Was this content helpful to you? 2/10 Family HandymanCut with a chain on the bottom of the bar is the most common and natural way of cutting. The saw stretches slightly and is easily controlled, maintaining a firm grip. Cutting from the cutout of the branch line requires cutting the top of the bar. At first it's a bit unnerving because the saw is pushing towards you. But it's safe as long as you're well broken and follow all the other precautions. The room was quite big and comfortable. This place, called the kickback area, is the top half of the bar's tip. If the kickback area is in contact with something while the chain is moving, the saw will push up and back toward you. That is why modern chain saws are equipped with a chain brake designed to stop the chain when returning. It's also the reason that you should always support the surrounding grip with your thumb around the front handle. But the best defense is to avoid the kickback zone. The 3/10 Family HandymanA sharp chain cuts well with very little force on the bar, while the dim chain tends to ride in the cut without deepening it. If you force the dust to persuade it to cut, the chain is dull and needs sharpening. Also, when the chain weeps the dust instead of chips, it's time to grab a round dust and sharpen the cutters. Learn more about sharpening with chainsaws to reach peak rates. 4/10 Handyman familyOn the most common chain saws hip and left arm injuries can be virtually eliminated with only two simple precautions. First, always wrap your left thumb around the front handle during cutting. This clutch volume keeps the dust under control in case of kickback. Secondly, when you move from place to place with the saw running, even if it is only to the next branch, always remove your right hand from the back handle and carry dust on the side with your left hand holding the front handle. Then you trip or stumble, there is no way the engine drank saw accelerate and start chain spinning. 5/10 Family HandymanBuy protective gear and wear it. Special hats often stop the moving chain and save your thigh. A helmet with a face screen and ear protection is a handy way to keep your head, eye and ear at hand in one handy package. Wear steel boots and a long-sleeved shirt to guard against imminent scratches. 6/10 Family HandymanWhen you sharpen the chain saw, it's easy to get confused about which teeth you've sharpened and which you don't have as you pull the chain around the bar. To prevent confusion, simply mark each tooth with a permanent marker after you have sharpened it. 7 /10 Family HandymanY know how much the average small engine repair costs? We're not either, but that's a lot! And a huge source of revenue for low-engine repairs is the fixing of engines that were operated with old gas. Modern gas formulations just don't last as long as they did before. And when the gas starts to break down, it not only makes it difficult to start the engine, but also affects the entire system with elastic bands and varnish. So if you keep the gas handy to run a chain saw, treat the gas with a stabilizer immediately after you buy it. This will save you a lot of money on repairing bills later. 8/10 Gel-filled gloves used by cyclists are perfectly matched to absorb the vibration of power tools such as chain saws, grinding and lawnmowers. Photo: Aero Tech Designs, Inc. 9/10 Family HandymanIf you have to tilt the chain saw (or lawnmower) to make repairs, here's how to prevent gasoline from starting engine vents. Place a piece of plastic wrap over the hole, then wind the lid back. 10/10 Family HandymanManMan The risk of hearing damage is highest for those who use loud equipment every day. But if you use a vacuum shop, blower or circular dust without hearing protection, you do permanent damage every time. And it's just dumb because protecting your hearing is so easy. The goal is to reduce the noise level to 90 decibels. All forms of hearing protection - headphones, disposable foam birch, disposable plugs for reuse - are adequate for most noises. With super-loud equipment such as trimming nails and chain dust, it's reasonable to use both plugs and headphones. Of the carpenters we spoke to, some preferred headphones, others liked traffic jams, but they all said the same thing: I hated them at first—uncomfortable, uncomfortable, #&#x26\* trouble. But after a day or two I'm used to them. Now I really like them. Can't stand the noise without them. Give hearing protection a try and you'll like it too. Here's how to choose the best hearing protections: Originally published as April 11, 2017 2017