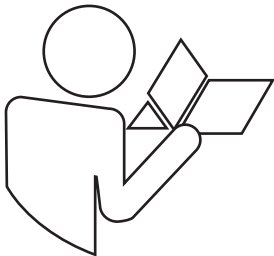


ICS® 680GC

Quick Start Guide

Read before continuing

READ OPERATOR'S MANUAL

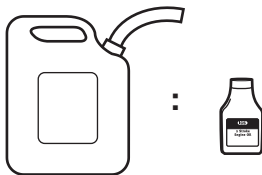


WARNING

- Read the operator's manual carefully and understand the contents before you use this equipment.
- Always wear protective clothing, including hard hat, eye protection, hearing protection, respiratory protection and gloves.
- See operator's manual for post use clean up and maintenance.

FUELING THE SAW

25 : 1 (4%)



1 gallon : 5.2 oz.

5 liters : 200ml

WARNING

Always provide adequate ventilation when handling fuel.

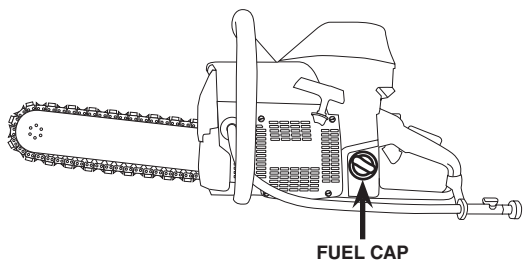
Use caution when handling gasoline.

CAUTION

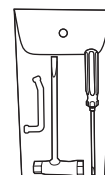
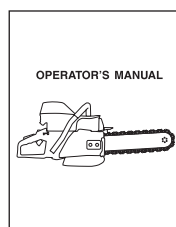
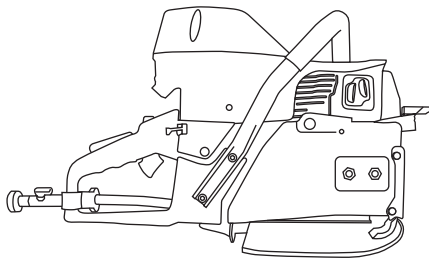
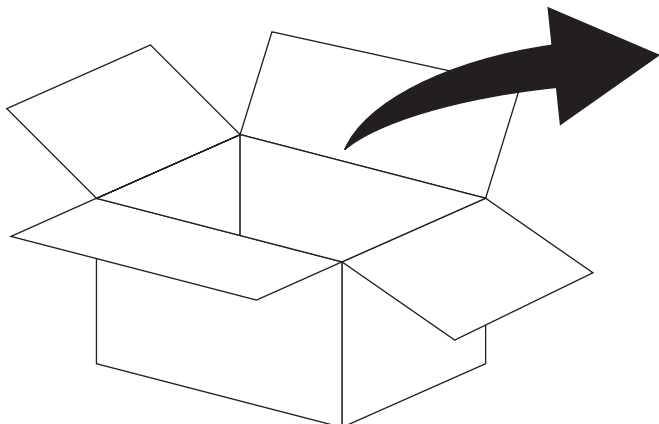
Failure to use ICS® oil, or other high quality 2-stroke oil, may result in premature engine failure and/or up to 90% reduction in engine life.

FUEL MIXTURE: 25:1 (4%) gasoline/oil mixture

- Use premium unleaded gasoline with a minimum octane rating of 90.
- Add a small amount of fuel prior to adding oil to container, top off with fuel for proper fuel/oil mixture, and shake the container.
- Always shut off the saw before fueling. Allow engine to cool off before fueling.
- Thoroughly mix the fuel in its container before fueling.
- Slowly open the fuel cap to release any pressure that may have built-up in the tank.
- Always fuel with saw laying on its side.
- After adding fuel, tighten the fuel cap carefully and secure with a wrench.



BOX CONTENTS



ICS® 680GC

Quick Start Guide

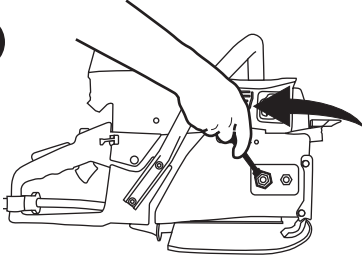
Read before continuing

ASSEMBLING THE SAW



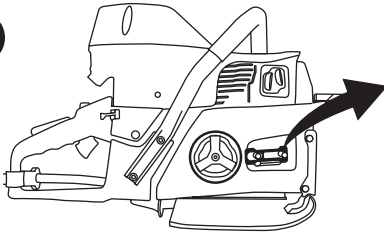
Never start the saw without the guidebar, diamond chain and side cover properly installed. Failure to do so may result in serious injury.

1



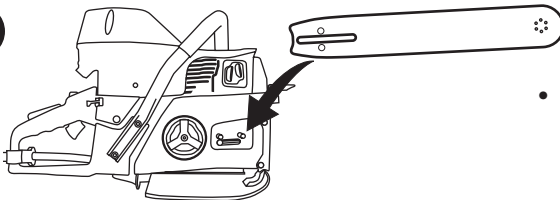
- Loosen side cover nuts and remove side cover.

2



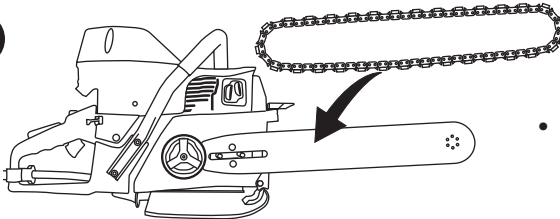
- Remove shipping spacer (small black plastic piece).

3



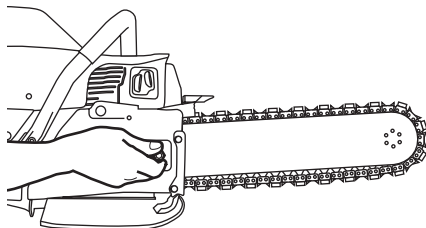
- Place bar onto studs and chain adjustment pin.

4



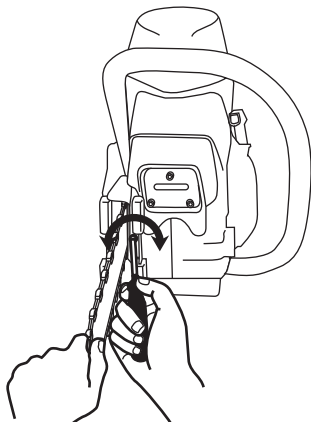
- Mount the diamond chain on the guidebar starting at the drive sprocket and continue over the guidebar nose.

5



- Install the side cover and nuts. Do not fully tighten the side cover nuts until chain is properly tensioned.

6



- Make sure all the drive links are inside the guidebar groove then lift the bar nose and tension the chain by turning the screw clockwise.

ICS® 680GC

Quick Start Guide

Read before continuing

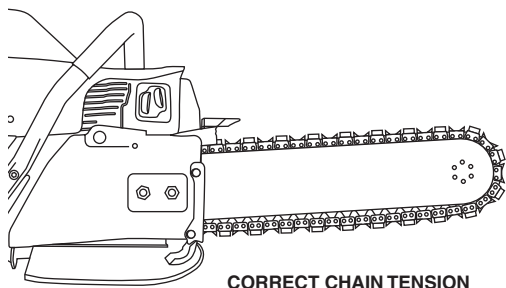
ASSEMBLING THE SAW

(continued)

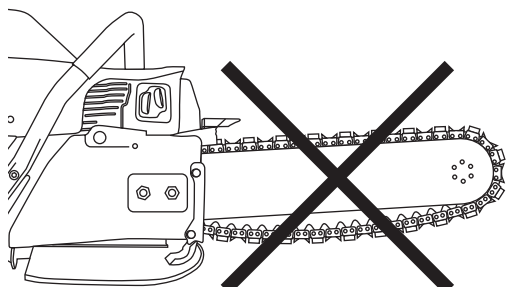


WARNING

Never start the saw without the guidebar, diamond chain and side cover properly installed. Failure to do so may result in serious injury.



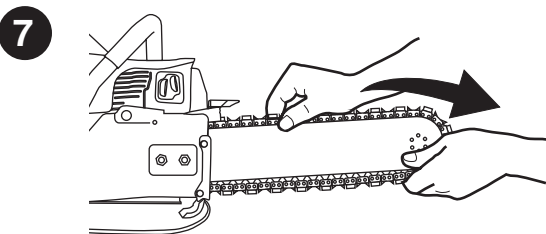
CORRECT CHAIN TENSION



CHAIN TOO LOOSE

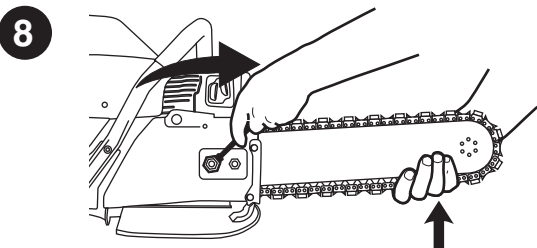
- All chains have a tendency to stretch when used. Diamond chains stretch more than wood cutting chains because of the abrasive materials they are cutting. If the chain is too tight, a lot of the saw's power goes into turning the chain rather than into the cut. In extreme over-tightened cases, the saw may not be able to turn the chain at all. In addition, damage can occur to the bar nose and premature stretch may occur.

- If the chain is too loose, it could come off the bar, or it will allow the drive sprocket to spin without turning the chain, which can chew up drive links. When a chain stretches to a point where the drive links are hanging approximately 1/2 in. (12 mm) to 3/4 in. (18 mm) below the bar, it is time to tension the chain.



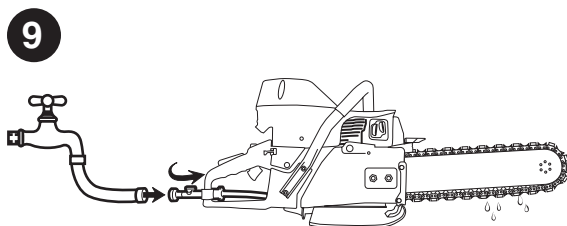
- Before cutting, check for proper tension by pulling the chain around the bar by hand. If you cannot easily pull by hand, the chain is too tight and may be loosened slightly.

CAUTION: Be aware that guidebar rails may develop sharp edges over time so always pull the diamond chain by the diamond segments.



- Continue to lift up on the nose of the guidebar and firmly tighten the side cover nuts.

NOTE: To prevent chain tensioner breakage, be sure the side cover nuts are tightened to approximately 20 ft-lbs (27 Nm).



- Attach to water source with pressure of not less than 20 psi (1.5 bar).

ICS® 680GC

Quick Start Guide

Read before continuing

STARTING THE SAW

WARNING

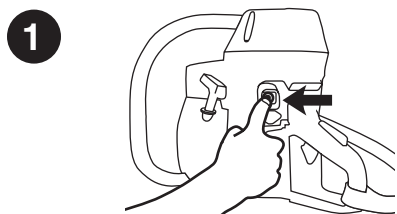
Never start the saw without the guidebar, diamond chain and side cover properly installed. Failure to do so may result in serious injury.

CAUTION

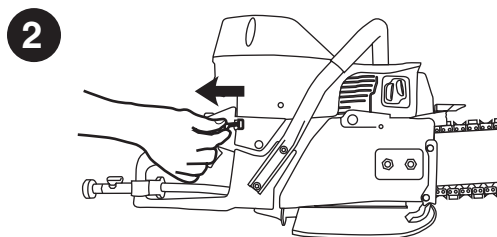
Always move the saw at least 10 feet (3 m) away from the fueling area before starting.

IMPORTANT

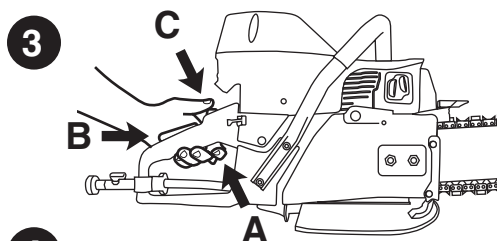
Place the saw on clear ground. Ensure that secure footing is established and chain is not contacting any objects.



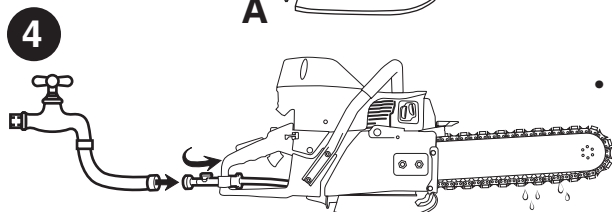
- Toggle the ignition switch to "ON".



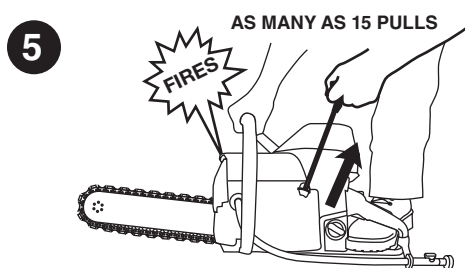
- Pull the choke lever out.



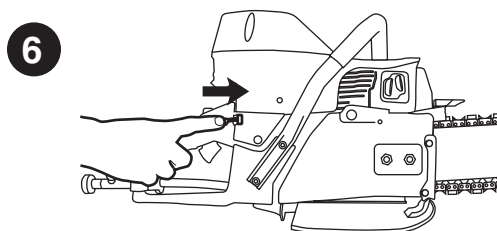
- Lock the throttle in the start position by depressing the trigger (A) and trigger interlock (B) at the same time.
- Depress and hold throttle lock button (C) then release the trigger and trigger interlock in succession.



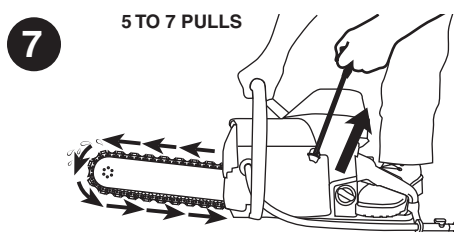
- Open the water valve 1/4 turn.



- Place the saw on stable ground making sure the chain is free of any obstructions.
- Place foot on the base of the rear handle, and place one hand on front handle. With opposite hand, slowly pull starter handle until the starter pawls engage.
- Pull the starter cord (*hard, fast, short pulls*) until engine initially fires or "pops": Could be as many as 10–15 pulls.



- Push the choke lever in.



- Pull the starter cord until engine starts. Could be as many as 5–7 pulls.
- When the engine starts, allow the engine to idle. Pull on the throttle trigger several times to help warm up the engine.
- Open the water valve completely.