

Title of Training	Gas Saw Safety Training		
Equipment Info.	Make/Model/Size/Model	Soft-Cut Gas Saw Model GX-1500	
Material Needed	Operators Manual		
	Open Area to demonstrate starting & shutdown procedures	Hard Hat-Safety Glasses-Face Shield-Work Gloves-Steel Toe /Composite Boots & Hearing Protection	

PERSONAL PROTECTIVE EQUIPMENT



OPERATING INSTRUCTIONS

1. **CHECK OIL – IMPORTANT: ADD OR CHECK OIL WITH THE BLADE OFF AND THE SAW DOWN. USE SAE 10w/30 IF NEEDED.**
2. WITH A FUNNEL, ADD UNLEADED GASOLINE, USE CAUTION. DO NOT SPILL FUEL.
3. DETERMINE THE PROPER BLADE SERIES.
4. TURN THE GAS VALVE TO THE ON POSITION. PRIOR TO STARTING SAW, PUT KEY SWITCH TO ON POSITION, SO SWITCHES WILL BE ACTIVATED.
5. RAISE BLADE BY PRESSING THE **BLADE** SWITCH TO THE **UP** POSITION.
6. PUSH **FWD/SPD** SWITCH DOWN INTO **NEUTRAL** POSITION INDICATED BY **RED LIGHT** ON SWITCH PANEL (**LABELED NEUTRAL**).
7. RPM LEVER ADJUSTS THROTTLE SPEED.
8. PULL CHOKE LEVER UP.
9. TURN KEY TO START, THEN RELEASE TO THE ON POSITION.
10. PUSH CHOKE DOWN SLOWLY.
11. WARM UP MOTOR. (HOUR METER RUNS WHEN SWITCH IS IN THE **ON** POSITION, EVEN IF THE MOTOR IS NOT RUNNING)
12. MANUALLY LOWER THE FRONT GUIDE DOWN.
13. TO LINE UP THE SAW WITH THE CHALK LINE, USE THE FRONT GUIDE (YELLOW WHEEL) AND THE TRIANGLE POINTER ON THE BACK OF THE BLADE BLOCK AND REAR GUIDE.
14. RAISE THE RPM'S TO MAXIMUM, USING RPM LEVER.
15. LOWER THE BLADE IN THE CONCRETE SLOWLY BY PRESSING THE **BLADE** SWITCH TO THE **DOWN** POSITION.
16. PUSH THE **FWD/SPD** SWITCH WITH SHORT TAPPING INTERVALS, (**FORWARD SPEED IS VERY SENSITIVE**).
17. AFTER CUTTING FOR 100 FEET ON A NEW BLADE AT A SLOWER FORWARD SPEED,



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PROCEED TO INCREASE FORWARD SPEED UNTIL BLADE AND MOTOR ARE WORKING AT MAXIMUM EFFICIENCY.

18. RAISE THE GUIDE ARM BY PULLING THE **GUIDE** KNOB WHEN APPROACHING A WALL AND USE THE BACK TRIANGLE GUIDE TO CUT STRAIGHT THE LAST FIVE FEET.
19. STOP SAW AT END OF CUT BY PRESSING **FWD/SPD** SWITCH UNTIL NEUTRAL LIGHT ON THE DASH PANEL IS LIT.
20. AFTER BLADE IS FULLY RAISED OUT OF THE CUT, LOWER **RPM'S** FOR DUST CONTROL. **NOTE:** IF YOU LOWER THE **RPM'S** WHILE REMOVING BLADE FROM THE CUT, SPALLING MAY OCCUR. **WARNING:** OPERATING THE STARTER MOTOR FOR MORE THAN FIVE SECONDS CAN DAMAGE THE STARTER MOTOR. IF THE ENGINE FAILS TO START, RELEASE THE STARTER AND WAIT 10 SECONDS BEFORE OPERATING THE STARTER AGAIN.
21. USE **SOFT-CUT JOINT PROTECTORS** BEFORE CROSSING FRESH JOINTS TO AVOID SPALLING.
22. TO SHUT THE ENGINE OFF, TURN THE **KEY TO THE OFF POSITION**, AND TURN THE **GAS VALVE TO THE OFF POSITION**.

BLADE AND SKID PLATE REPLACEMENT

1. USE BLADE SWITCH TO RAISE SAW TO FULL UP POSITION, TURN KEY TO **OFF** AND **REMOVE KEY**.
2. REMOVE BLADE COVER BY TURNING THE TWO FASTENERS UNTIL THEY DISENGAGE.
3. REMOVE THE SKID PLATE BY DISCONNECTING AND REMOVING PIN FASTENER AT REAR OF SKID PLATE.
4. PUSH IN ARBOR LOCK (LOCATED AT FRONT OF SAW) AND TURN BLADE UNTIL IT ENGAGES OR LOCKS.
5. USE A ¾" OR 15/16" WRENCH (SUPPLIED WITH SAW). TURN COUNTER CLOCKWISE TO LOOSEN AND REMOVE THE BLADE BOLT OR ARBOR NUT AND ARBOR WASHER WHILE HOLDING ARBOR LOCK IN.
6. REMOVE THE BLADE
7. REINSERT BLADE BOLT OR ARBOR NUT – **FINGER TIGHT** (TO PREVENT DUST BUILD UP)
8. CLEAN THE MATERIAL FROM AROUND BLADE HOUSING WITH A MARGIN TROWEL. (**CLEAN THOROUGHLY**)
9. REMOVE BLADE BOLT OR ARBOR BOLT AND INSTALL NEW BLADE, MAKE SURE BLADE IS ON TRIANGLE ARBOR CORRECTLY.
10. INSTALL THE ARBOR WASHER AND BLADE BOLT OR ARBOR BOLT AND TIGHTEN SNUGLY USING A ¾" OR 15/16" WRENCH. (**DO NOT OVER TIGHTEN**)
11. INSTALL A NEW SKID PLATE BY HOOKING FRONT AND CONNECTING PIN FASTENER IN THE BACK. DISCARD THE OLD SKID PLATE. (**IF OLD SKID**

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PLATE IS USED, THE EDGES WILL RAISE ON THE SAW CUT AND MAJOR SPALLING WILL OCCUR WHEN TRAVELED UPON).

12. INSTALL BLADE COVER. (CLEAN INSIDE OF BLADE COVER THOROUGHLY)
13. LIFT FRONT OF SKID PLATE TO ENSURE THE BLADE SLIDES THROUGH THE SKID PLATE FREELY. **(DO NOT CHECK WHILE SAW IS RUNNING)**

THE SKID PLATE IS THE MOST IMPORTANT PART OF THE SOFT-CUT SAW. IF IT IS BENT, BOWED OR DAMAGED, SPALLING OR RAVELING OF A CUT MAY RESULT, SO STORE PLATES CAREFULLY AND INSTALL THEM PROPERLY
GENERAL SAFETY RULES

1. **AVOID DANGEROUS ENVIRONMENT.** DO NOT USE SAW IN DAMP OR WET LOCATIONS. KEEP WORK AREA WELL LIT. DO NOT EXPOSE SAW TO RAIN. DO NOT USE SAW IN PRESENCE OF FLAMMABLE LIQUIDS OR GASES.
2. **DRESS PROPERLY.** DO NOT WEAR LOOSE CLOTHING OR JEWELRY WHICH CAN BE CAUGHT IN MOVING PARTS.
3. **PROPER PERSONEL PROTECTIVE EQUIPMENT** REQUIRED FOR THE USE OF THIS SAW IS A HARD HAT, SAFETY GLASSES, FULL FACE SHIELD AND HEARING PROTECTION. IF THE CUTTING OPERATION IS DUSTY, A DUST MASK MAY BE REQUIRED.
4. STAY ALERT. WATCH WHAT YOU ARE DOING. USE COMMON SENSE.
5. **BARRICADE WORK AREA** TO WARN OTHERS OF THE WORK BEING DONE.
6. **DO NOT OVERREACH,** KEEP PROPER FOOTING AND BALANCE AT ALL TIMES.
7. **CHECK SAW THOROUGHLY PRIOR TO USE,** CHECK SAFETY GUARDS, CHECK FOR ALIGNMENT OF MOVING PARTS, BINDING OF MOVING PARTS, BREAKAGE OF PARTS, MOUNTING AND ANY OTHER CONDITIONS THAT MAY AFFECT ITS SAFE OPERATION.
8. **DO NOT FORCE SAW.** IT WILL PERFORM MORE EFFICIENTLY AND SAFER AT THE RATE FOR WHICH IT WAS DESIGNED.
9. **AVOID ACCIDENTAL STARTING.** REMOVE KEY FROM SWITCH WHEN CHANGING BLADES.
10. **CAUTION:** DO NOT USE DAMAGED BLADES
DANGER: KEEP HANDS AWAY FROM CUTTING AREA AND BLADES

BLADE GUARD: KEEP BLADE GUARD IN PLACE

STORAGE:

WHEN NOT IN USE, THE KEY SHOULD BE IN THE **OFF** POSITION. THE GAS VALVE SHOULD BE IN THE OFF POSITION. THE BLADE SHOULD BE REMOVED AND THE MACHINE LOWERED SO THE BLADE GUIDE IS ON THE FLOOR TO

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PREVENT ACCIDENTAL MOVEMENT OF THE MACHINE. THE SAW SHOULD BE STORED IN A DRY AND SECURE LOCATION.

Note: This STT does not necessarily cover all possible hazards associated with this equipment and should be used in conjunction with other references (Owner's Manual & Brieser Safety Manual). It is designed as a guide to be used to compliment training and as a reminder to users prior to equipment use.

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EMPLOYEE NAME (Print or Type)	EMPLOYEE SIGNATURE	TRADE	JOB TITLE
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