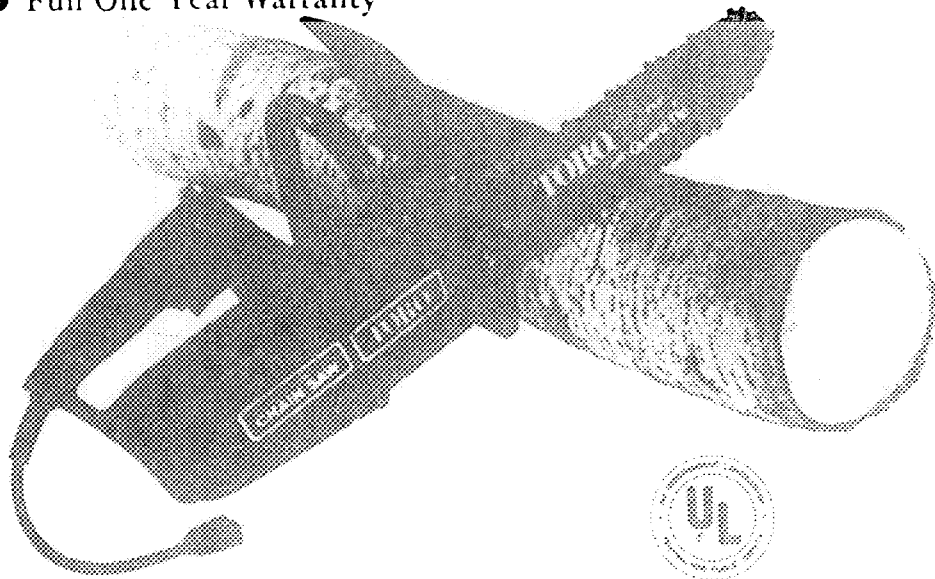




Compact Electric Chain Saw 10"


- In Line Design for Better Balance
- Non Symmetrical Guide Bar for Reduced Kickback
- Lightweight for Easy Handling
- Heavy Duty Motor
- Protective Hand Guard
- Full One Year Warranty



Haven't you done without a Toro long enough?[™]



WELCOME to the TORO family of fine lawn and garden equipment. Your TORO ELECTRIC CHAIN SAW features advanced concepts in engineering, design and safety. This Operator's Manual has been designed to help you thoroughly understand your new tool before using it. Please read it completely before operating the Chain Saw. You will find that as your knowledge of the tool increases, your proficiency with it will improve.

 Pay particular attention to the instructions highlighted by this safety symbol. Failure to comply with the safety instructions may result in personal injury. Safety, mechanical, and some general information in this manual is emphasized. DANGER, WARNING, and CAUTION identify the safety messages. IMPORTANT identifies special mechanical information and NOTE identifies general information worthy of special attention.



TORO COMPACT 10" CHAIN SAW MODEL 51100


OPERATOR'S MANUAL



Safety Instructions



To assure optimum performance, and to gain knowledge of the Chain Saw, it is essential that you or any other operator of the Chain Saw read and understand the contents of this manual before operating Chain Saw. Pay particular attention to the instructions highlighted by the black safety symbol. Failure to comply with the safety instructions may result in personal injury.

- 1. READ OPERATOR'S MANUAL CAREFULLY.** Become fully familiar with the chain saw before attempting to operate it.
- 2. KEEP WORK AREA CLEAN.** Cluttered areas and benches invite accidents.
- 3. AVOID DANGEROUS ENVIRONMENT.** Don't expose saw to rain, or use saw in damp or wet locations. Keep work area well lit. NEVER OPERATE THE SAW WHILE IN CONTACT WITH WATER.
- 4. WEAR PROPER APPAREL.** Loose clothing or jewelry may get caught in moving parts. Rubber gloves and foot wear are recommended when working outdoors. Wear a hard hat during felling of trees.
- 5. USE SAFETY GLASSES.** Use safety glasses with most tools. Also use a face or dust mask if cutting operation is dusty.
- 6. KEEP CHILDREN AWAY.** All visitors should be kept a safe distance from work area.
- 7. NEVER OPERATE SAW WHEN YOU ARE FATIGUED.**
- 8. USE PROPER EXTENSION CORD OUTDOORS.** When tool is used outdoors, use only extension cords suitable for use outdoors and so marked. (Suggested cord sizes listed on page 5).
- 9. MAINTAIN SAW WITH CARE.** Never operate a chain saw that is unsharp, unclean, improperly adjusted, or is not completely and securely assembled. Keep the saw handles dry, clean and free of oil. Replace defective switches. Use only identical replacement parts. Follow instructions for lubricating and changing accessories.
- 10. REMOVE ADJUSTING TOOLS.** Form habit of checking to see that adjusting tools are removed from tool before turning it on.
- 11. DISCONNECT SAW WHEN NOT IN USE.** Disconnect before servicing and when changing accessories such as guide bar or saw chain.
- 12. KEEP GUARDS IN PLACE AND IN WORKING ORDER.**
- 13. USE RIGHT SAW.** Don't force small saw or attachment to do the job of a heavy-duty saw.
- 14.  BE AWARE OF KICKBACK.** When the moving chain at the nose of the guide bar touches an object, the chain and guide bar often are thrown upward with speed and force, (see figure 11). Your Toro chain saw's special non-symmetrical guide bar reduces this action, but care must be taken regardless.
- 15. SECURE WORK.** Use clamps or chocks to hold work. It's safer than using your hand and it frees both hands to operate tool.
- 16. CONNECT CHAIN SAW TO CORRECT VOLTAGE.**



Safety Instructions (cont.)

17. AVOID ACCIDENTAL STARTING. Do not place finger on switch when plugging in or until ready for cutting. Always carry the chain saw from one location to another with the power cord disconnected and finger off of switch. The guide bar and saw chain should be to the rear, and away from your body (see figure 12).

18. BETWEEN CUTS set the saw down and pick it back up by the front black handle to avoid contacting switch and starting saw unintentionally.

19. GRIP SAW PROPERLY. Always hold the chain saw firmly with both hands when the saw is running. Use a firm grip with thumbs and all fingers encircling the chain saw handles.

20. DON'T OVERREACH. Keep proper footing and balance at all times.

21. KEEP HANDS AWAY FROM CUTTING AREA. Be sure all parts of your body or clothing are away from the cutting area before starting the saw and during its operation.

22. DON'T ABUSE CORD. Never Carry tool by cord or yank it to disconnect from receptacle. Keep cord away from heat, oil, sharp edges and away from operator.

23. CLEAR SAW CHAIN BEFORE STARTING. Before you start the saw, make sure the saw chain is not contacting anything.

24. DON'T FORCE SAW. It will do the job better and safer at the rate for which it was designed.

25. STORE IDLE SAW. When not in use, saw should be stored in dry, high, or locked-up place — out of reach of children.

26. BE ALERT WHEN CUTTING LIMBS. When cutting a limb that is under tension be alert for spring back so that you will not be struck when the tension in the wood fibers is released.

27. USE CAUTION WHEN CUTTING BRUSH AND SAPLINGS. Slender brush and saplings may catch the saw chain and be whipped toward you or pull you off balance.

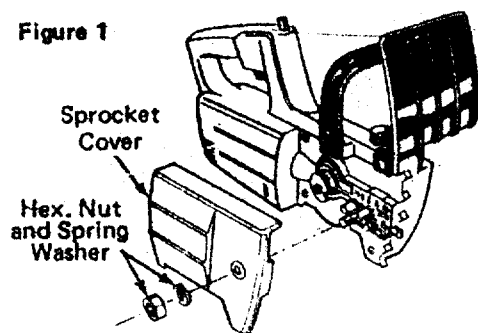
28. BE CAREFUL WHEN CUTTING TREES. Do not operate a chain saw in a tree unless specifically trained to do so. When felling trees never start cutting until you have a clear work area, secure footing, and a planned retreat path.

29. CUTTING STANDING TREES REQUIRES EXPERTISE AND POSES HAZARDS. Your Toro Chain Saw should not be used to fell large trees with diameters substantially greater than the length of your guide bar.

Assembly Instructions

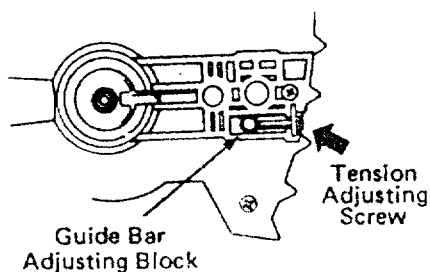
1. (See Figure 1) Remove the guide bar hexagon nut and spring washer. Then remove sprocket cover.

Figure 1



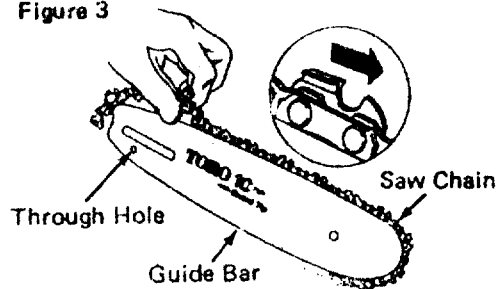
2. (See Figure 2) Loosen the guide bar adjusting block by turning the tension adjusting screw counter clockwise to the screw end.

Figure 2



3. (See Figure 3) Insert the saw chain into the groove of the guide bar with the cutting edge facing forward toward the nose of the guide bar (see inset). Note that the through hole near the guide bar slot must be positioned below the slot as indicated.

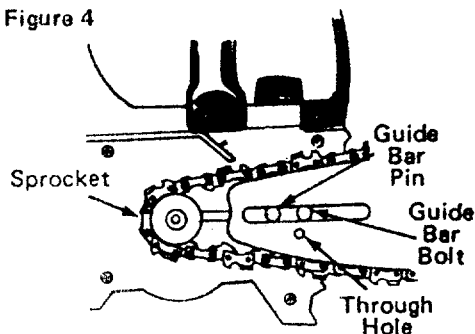
Figure 3



4. (See Figure 4) Loop the open end of the saw chain around the sprocket and position the guide bar slot over the guide bar bolt and guide bar pin so that the projected portion of the adjusting block fits into the through hole.

CAUTION: GUIDE BAR IS NOT REVERSIBLE.

Figure 4



5. Replace the sprocket cover, spring washer and guide bar hexagon nut. Secure finger tight.

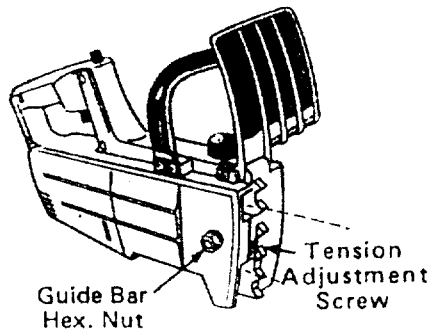
THE SAW CHAIN IS NOW READY FOR TENSION ADJUSTMENT.

Saw Chain Tension Adjustment

SAFETY NOTE: Make sure chain saw is disconnected from power source before adjusting chain tension. Use gloves or rag to protect hands.

1. (See Figure 5) Loosen the guide bar hexagon nut by turning counter clockwise 1/2 turn. Then tension the chain by turning the tension adjustment screw clockwise.

Figure 5



2. (See Figure 6) The tension is correct when the chain fits tightly but can be moved easily around the guide bar by hand. An easy test for correct tension is to lift one chain cutter away from the middle of the guide bar (See Figure 7). There should be approximately 1/8" clearance between the bottom of the side links and the guide bar. The bottom of the chain cutter tooth should never be loose enough to drop or be pulled beyond the lip of the bar slot.

Figure 6

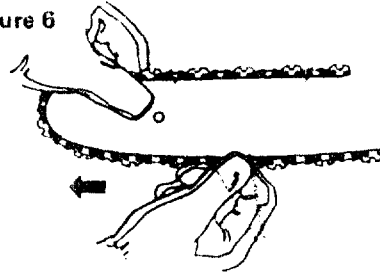
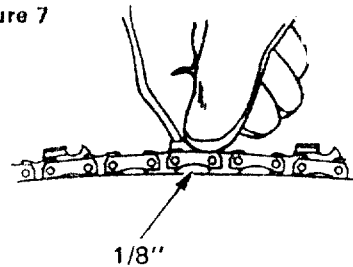


Figure 7



3. Lift up the nose of the guide bar, tighten the guide bar hexagon nut and retest the chain tension. If tension has changed, repeat entire procedure.

NOTE: Check chain tension after the first few cuts. New chains usually stretch and will require readjustment.

CAUTION: A loose chain will shorten sprocket and guide bar life and may cause chain breakage. An overtightened chain will overheat the guide bar and chain, cause rapid wear and may cause motor burnout.

WARNING: Do not operate chain saw when chain is loose. Failure to comply with this warning could cause chain breakage which may result in serious bodily injury.

Operating Instructions

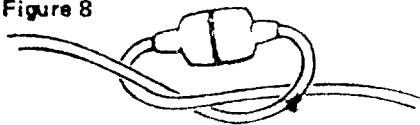
Cutting with your electric chain saw can be made easier and safer if you follow these simple instructions.

1. **EXTENSION CORDS.** The proper extension cord is a must for safe and efficient use of your chain saw. Your extension cord should be suitable for outdoor use and comply with the requirements specified in the International Electric Code. Refer to the following table for proper extension cord usage. Examine the extension cord periodically and replace immediately if damaged.

Extension Cord Length in Feet	0-50	50-100	100-150
Required wire size (A.W.G.) in cord	16	14	12

2. Connect extension cord as shown in figure 8.

Figure 8



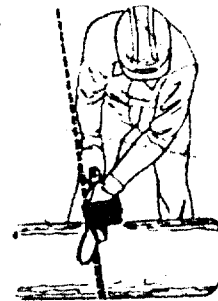
3. **⚠ WARNING:** Do not operate with one hand. Use a firm grip with your fingers encircling both chain saw handles.

4. **⚠ WARNING:** Stand to the left of the saw (Fig. 9) with your left hand on the front handle, hold the rear handle with your right hand so you can operate the switch trigger with your right index finger. Never stand directly behind the chain saw (Fig. 11).

5. Stand securely with your weight evenly distributed on both feet.

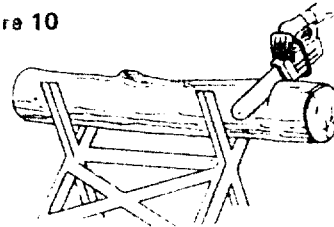
6. Don't overreach. Keep yourself balanced.

Figure 9



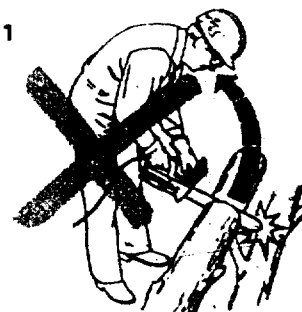
7. Always cut with the spike bar set firmly against the wood. Start saw blade before cutting into wood.

Figure 10



8. **⚠ WARNING:** When cutting, keep the nose of the guide bar from contacting logs, branches, the ground or any other obstruction. This can cause **KICKBACK**, which is a quick and dangerous upward movement of the guide bar and saw chain (Fig. 11)! Your TORO electric chain saw's special nonsymmetrical guide bar is designed to reduce the possibility of kickback, but the instructions above must be followed for maximum safety.

Figure 11



Operating Instructions (cont.)

9. CAUTION: Motor overload and burnout can be caused by:

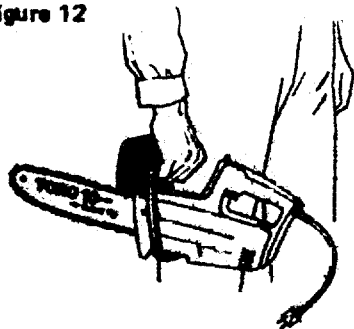
- A. Starting saw while chain is pinched in a cut.
- B. Forcing the saw into a cut so hard that chain speed is drastically slowed.
- C. Working with a saw chain that is dull or improperly sharpened or a chain that is too tight.
- D. Using an unsuitable extension cord.
- E. Using a saw with dirty, dusty, clogged air passages. Good air circulation is necessary to properly cool the motor.

10. (See Figure 18) By pushing the oiling button with moderate pressure, oil will feed into the guide bar slot and onto the saw chain. To keep the saw chain properly lubricated, push the oiling button at least once before each cut and regularly during extended cuts. Check the oil level in the reservoir frequently.

CAUTION: Cutting without proper oiling will damage the saw's chain and bar.

11. (See Figure 12) Before carrying the saw from one location to another disconnect the extension cord. Carry the saw with the guide bar and saw chain to the rear and away from your body.

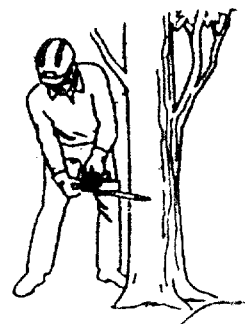
Figure 12



Felling a Tree

CAUTION: Cutting standing trees requires expertise and poses hazards. Your Toro Chain Saw should not be used to fell large trees with diameters substantially greater than the length of your guide bar.

The proper operator stance for felling a tree is shown below.



1. Before attempting to cut a big tree, practice cut a few branches, limbs or small logs to familiarize yourself with the controls.

2. Next, the direction of the fall must be determined. Consider the wind direction, if there are heavier limbs on any one side of the tree and the tree's natural tilt, if any.

3. Have a wide path cleared *behind* the planned direction of fall as a safety retreat.

4. (See Figure 14) To fell the tree, make the first cut 1/3 of the way through tree diameter on the side you want the tree to fall. The second cut should be made as illustrated to complete the notch.

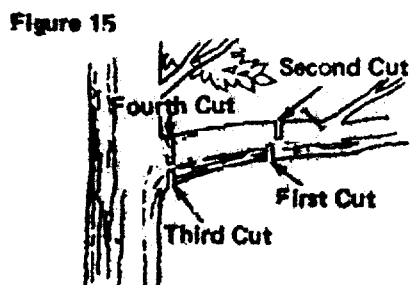
Operating Instructions (cont.)

5. The third cut should be made from the opposite side of the first two cuts and two or three inches higher than the bottom of the notch as shown in Figure 14.
6. Stop the third cut one or two inches from the notch to form a "hinge" which will keep the tree from falling in the wrong direction or twisting as it falls.



Limbing a Tree

1. When cutting limbs from a standing tree, use a well secured ladder to reach the higher areas. After you have a firm position on the ladder, hoist the chain saw with a rope. Do not climb on limbs or branches with the chain saw and don't overreach. Cut with both hands on the saw.
2. (See Figure 15) Make the first cut from the underside of the limb about 1/2 foot from the trunk. Cut one third of the way through the limb.

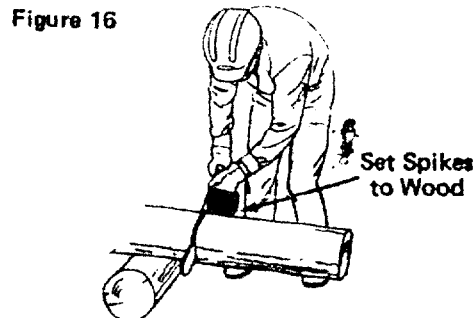


3. Make the second cut two to four inches farther out on the limb and from above. Cut until the limb falls.

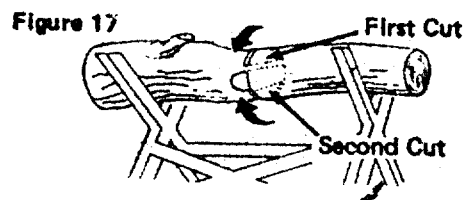
4. Cut one third the diameter of the limb stub from underneath as close to the trunk as possible.
5. Make the final cut from above so that it meets the previous cut as close as possible to the trunk.

Cutting Fallen Trees (Bucking)

1. When cutting branches from a fallen tree or cutting a log into lengths, support the log off the ground (preferably on a sawbuck).
2. (See Figure 16) When cutting a log supported on one end, cut from the top. If the chain saw should bind in the cut, never try to free it by running the motor. Stop the chain saw, then use a wedge to pry open the cut and release the saw.



3. (See Figure 17) When cutting a log supported on both ends, start from the top and cut about 1/3 of the way through the log. The second cut should be made from the underside to meet the first cut. This will keep the log from pinching the saw.

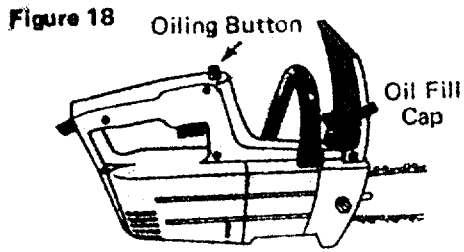


Maintenance

Refilling Oil Reservoir

⚠ CAUTION: Make sure chain saw is disconnected from power source before performing maintenance operations.

1. (See Figure 18) Remove the oil fill cap.



2. Using a pouring spout or funnel, fill the oil reservoir. When temperature is below 30° Fahrenheit use SAE #10 motor oil. For temperatures above 30° use SAE #30 motor oil.

3. Replace and tighten fill cap, wipe off excess oil.

⚠ CAUTION: Cutting without proper oiling will damage the saw's chain and bar.

Sharpening the Saw Chain

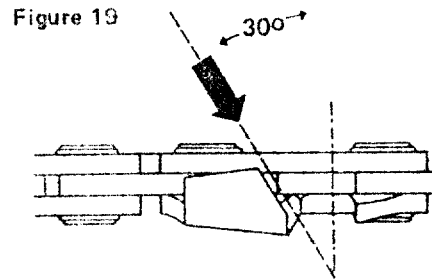
⚠ CAUTION: Before beginning the sharpening procedure, make sure chain saw power source is disconnected. Wear gloves to protect hands.

1. The saw chain needs sharpening when it must be forced onto the wood or it does not produce wood chips as large as when new.

2. Following the tensioning procedure on page 4, adjust chain tension extra tight so cutters are firm and remain steady as sharpened.

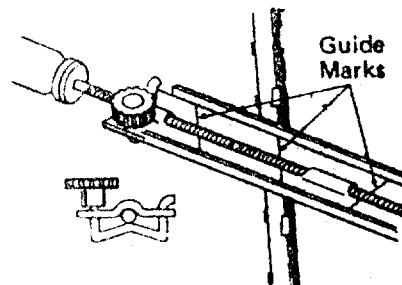
3. To sharpen the cutters, you will need a 5/32 round file and a file guide.

4. (See Figure 19) First, file all left hand cutters (from inside out). Then file all right hand cutters. The correct angle is 30°.



5. (See Figure 20) Press File Guide so it rides on both cutter top plate and depth gauge, with guide marks in line with the length of chain.

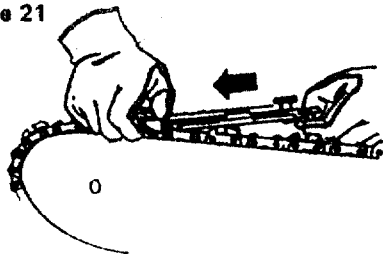
Figure 20



Maintenance (cont.)

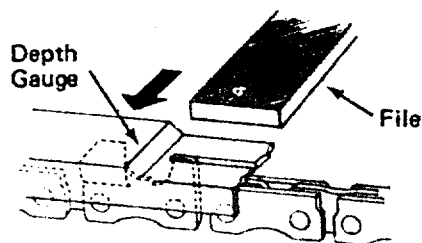
6. (See Figure 21) Move to other side of chain and file all cutters opposite to complete chain sharpening. File all cutters identically.

Figure 21



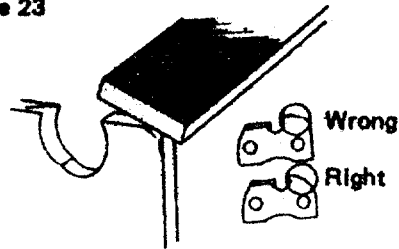
7. (See Figure 22) Depth gauges should be checked every third sharpening with a depth gauge tool. Depth gauge setting is .025". Place the depth gauge tool as indicated and file away portions of each depth gauge which extend above the tool's slot.

Figure 22



8. (See Figure 23) Round off leading edges of depth gauges as shown.
9. Reset saw chain tension. See instructions on page 4.

Figure 23



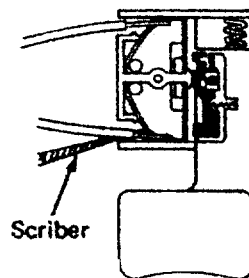
WARNING: Chain tension must be reset before operation. Failure to do so could result in serious bodily injury.

Replacement of Switch and Power Supply Cord

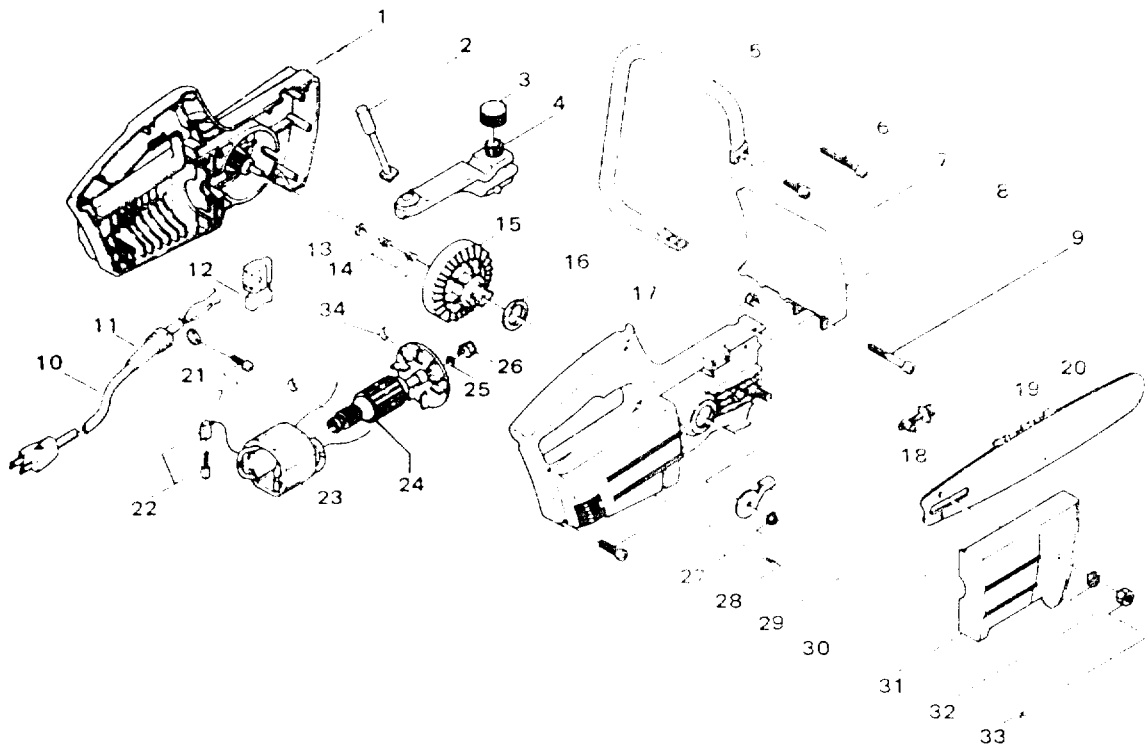
CAUTION: Before beginning this procedure, make sure chain saw power source is disconnected.

(See Figure 24) The "quick connect" system is used in this switch (wires are simply plugged into the switch and held by a spring). To remove a wire from the switch, insert a pointed round stick or scriber next to the wire and press the spring back as illustrated.

Figure 24



Chain Saw Parts List



Ref. No.	Part No.	Description	Qty.	Ref. No.	Part No.	Description	Qty.
1	73172-31100	Left Hand Housing	1	19	88031	10" Saw Chain	1
2	23104-62130	Oil Button	1	20	80033	10" Guide Bar	1
3	23104-62120	Oil Cap	1	21	73172-71220	Cord Clamp	1
4	23104-62110	Oil Tank	1	22	73172-52200	Brush Assembly	2
5	73172-35100	Front Handle	1	23	14811-34500	Field Assembly	1
6	11202-04401	Screw	1	24	73172-51100	Armature (including ball bearing)	1
7	11201-04102	Screw	5	25	23104-51110	Collar	1
8	23104-36111	Hand Guard	1	26	23104-51120	Pinion	1
9	01215-04451	Screw	1	27	11201-04202	Screw	10
10	73172-71110	Power Supply Cord	1	28	73172-32100	Right Hand Housing	1
11	23104-71210	Bend Relief	1	29	11526-04102	Flange Nut	1
12	23104-72110	Switch	1	30	23104-61240	Shaft Support Brkt.	1
13	23104-61220	Thrust Washer	1	31	73172-33100	Sprocket Cover	1
14	23104-61230	Needle Bearing	2	32	01600-08200	Spring Washer	1
15	23104-61101	Sprocket Ass'y	1	33	01500-08061	Nut	1
16	73172-61210	Felt Seal	1	34	73172-51110	Rubber Bearing Pad	2
17	01500-04031	Hexagon Nut	1				
18	23104-34000	Adjusting Block Ass'y	1				

Replacement Parts and Accessories

On page 10 you are provided an illustrated parts catalog of your Chain Saw. This catalog can be of assistance to you when maintaining your Chain Saw or obtaining replacement parts and accessories. Individual replacement parts are available through your local Toro Appliance Service Dealer. Accessory items may also be ordered directly from The Toro Company Outdoor Appliance Division using the order form on this page.



The TORO COMPANY
Outdoor Appliance Division
10901 Red Circle Drive
Minnetonka, MN 55343

ORDER FORM

Parts Assemblies
Toro Compact
10" Chain Saw
Model 51100

Your Name _____ Date _____

Address _____

City, State _____ Zip _____

ASSEMBLY NUMBER	DESCRIPTION		RETAIL PRICE (EACH)	TOTAL
88031	Toro 10" Saw Chain		\$11.25	
88033	Toro 10" Guide Bar		\$11.99	
51180	Compact Hose and Reel System		\$29.95	

We reserve the right to change these prices at any time.

DATE OF PURCHASE _____

Sub Total _____

MODEL AND SERIAL NUMBER: _____

Add \$1.00 postage & handling _____

Minnesota residents add

4% Sales Tax _____

This number is located on rear of right hand motor housing and must be shown here for order to be processed.

TOTAL (enclosed) _____

Warranty Service

A copy of the Full One Year Warranty covering your Chain Saw is presented on the outside back cover of this manual. Should you feel your Chain Saw is defective and wish to have it repaired or replaced in accordance with this Full One Year Warranty, please follow one of the procedures below:

Return the Chain Saw to the dealer who sold it to you or any Toro Appliance Service Dealer. Remember to have a copy of your original sales slip or other evidence of purchase date along with you. The retailer will inspect the unit, advise you whether the product is defective, and if so make arrangements for a replacement Chain Saw or appropriate service.

-OR-

Return your Chain Saw, postage prepaid, directly to our Toro Service Center,

Galahad Road and Wisconsin Street, North Hudson, Wisconsin 54016, for repair or replacement. Please include a copy of your original sales slip or other evidence of purchase date and a brief description of the difficulty.

If your Chain Saw is defective and within warranty period, it will be repaired or replaced and returned to you postage paid.

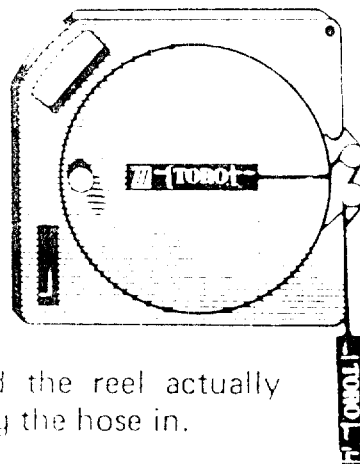
Non-warranty service may be obtained through a Toro Appliance Service Dealer.

THE NEW TORO. COMPACT HOSE & REEL SYSTEM

Compact
enough to store
anywhere.

It's a remarkable hose. 50 feet weighs less than 4 lbs. The secret is a special new hose design that's unbelievably flexible and lightweight, yet still tough and durable. And the reel actually squeezes out water while taking the hose in.

Order your Hose and Reel System using the order form in this manual. Available April 1, allow 6 weeks for delivery.



Toro Compact Electric Chain Saw 10"

Product Registration Card

Please send a valuable product registration card which we ask that you complete and send to The Toro Company, Agronomy Division, 11440B Avenue, Fort Collins, CO 80526. It is very important to ensure that Toro Product receives proper after-sale service.

THE GORD COMPANY
Major Appliance Sales
1320 Red Circle Drive
Minnetonka, MN 55345

TOTAL OF RYAN - ENTEES
radical boat and was 205th Street
North no 1st - Was - 1968-194016

5. **NAME** _____ **DATE** ____/____/____. Detach here and retain this section for your records.

1. *La* 2. *o* 3. *o* 4. *o*

Toro Compact Electric Chain Saw 10"

51100

Mr. C. H. S. 3 Ms. 4 Ms.

67B Model No

Nelson, J. and J. A. Nelson: 1981, 'The

Seven:

[illegible]

(13)

5234

 Z_{ij}

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	5
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	---

Date of Purchase

Serial No.

[illegible]

Month and year of your birth:

$$\begin{array}{|c|c|} \hline & \\ \hline \end{array} \quad \begin{array}{|c|c|} \hline & \\ \hline \end{array}$$

Mo Yr

Store where purchased:

- 1 Hardware
2 Lawn & garden center
3 Department
4 Drug
5 Catalog showroom/discount
6 Other

Marital status:

- | | | |
|---------|---|-----------|
| Married | 2 | Unmarried |
|---------|---|-----------|

Which group best describes your family income?

- | | | | |
|---|-------------------|----|-------------------|
| 1 | Under \$10 000 | 6 | \$30 000-\$34 999 |
| 2 | \$10 000-\$14 999 | 7 | \$35 000-\$39 999 |
| 3 | \$15 000-\$19 999 | 8 | \$40 000-\$44 999 |
| 4 | \$20 000-\$24 999 | 9 | \$45 000-\$49 999 |
| 5 | \$25 000-\$29 999 | 10 | \$50 000 & over |

Check the 2 most important factors influencing your selection of this TORO product:

- 1 Special features
- 2 Durability
- 3 Warranty
- 4 Advertised price
- 5 Friends' recommendation
- 6 Previous experience with TORO
- 7 Store display literature
- 8 Dealer's recommendation
- 9 Price

Do you have any children in any of the following age groups who are living at home?

- | | | | |
|---|-------------|---|-----------|
| 1 | Under age 2 | 5 | Age 11-12 |
| 2 | Age 2-4 | 6 | Age 13-15 |
| 3 | Age 5-7 | 7 | Age 16-18 |
| 4 | Age 8-10 | | |

Do you:

- 1 ☐ Own a house
- 2 ☐ Rent a house
- 3 ☐ Own a townhouse/condominium?
- 4 ☐ Rent an apartment?

What brand Chain Saw did you own prior to this one?

- | | |
|---|--------------------------|
| 1 | This saw, best Chain Saw |
| 2 | Sears |
| 3 | Remington |
| 4 | Wen |
| 5 | Skil |
| 6 | Other |

Which of the following types of credit cards do you use?

- Travel/Entertainment (American Express, Diners Club, Carte Blanche)
- Bank, **Master Charge**, Visa)
- Gas, department store, etc.

Which of the following have you done in the past 6 months? (check all that apply)

- | | |
|---|--|
| 1 | Redeemed a product coupon |
| 2 | Ordered an item from mail order catalog |
| 3 | Sent in product inquiry card from magazine |
| 4 | Bought item from offer received in mail |
| 5 | Entered sweepstakes/contest |

What is your occupation (check one)

- 1 ☐ Professional/Technical 6 ☐ Student
2 ☐ Upper Mgt./Administrator 7 ☐ Housewife
3 ☐ Sales/Service/Middle Mgt. 8 ☐ Retired
4 ☐ Clerical/White Collar
5 ☐ Craftsman/Blue Collar

(over)

Toro Compact Electric Chain Saw 10"

Full One Year Warranty

TORO warrants your electric chain saw against defects in material or workmanship for a period of one year from the date of purchase when used non-commercially. During the warranty period TORO will, at its option, replace a defective electric chain saw with a new or rebuilt unit, or will repair or replace any defective parts. Just return your electric chain saw, transportation prepaid to either: (1) the retailer who sold it you or, (2) any Toro Appliance Service Dealer or, (3) our Toro Service Center, Galahad Road and Wisconsin Street, North Hudson, Wisconsin 54016. Proof of purchase may be required. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Detach here and retain this section for your records.

TORO®

**Outdoor Appliance Division
Post Office Box 5826
Denver, Colorado 80217**

Please fold here

Which of the following interests and hobbies do you and your family enjoy?

1. ☐ Tennis
2. ☐ Golf
3. ☐ Snow Skiing
4. ☐ Running/Jogging
5. ☐ Camping/Hiking
6. ☐ Hunting/Shooting
7. ☐ Fishing
8. ☐ Bicycling
9. ☐ Racquetball
10. ☐ Sailing/Boating
11. ☐ Stamp/Coin Collecting
12. ☐ Motorbiking/Motorcycling
13. ☐ Home Video Games
14. ☐ Physical Fitness/Exercise
15. ☐ Home Video Recording
16. ☐ Recreational Vehicle/4-WD
17. ☐ Photography
18. ☐ CB Radio
19. ☐ Home Workshop/Do-it-Yourself
20. ☐ Gardening/Plants
21. ☐ Electronics
22. ☐ Automotive Work
23. ☐ Sewing/Needlework
24. ☐ Crafts
25. ☐ Collectibles/Collections
26. ☐ Art & Antiques
27. ☐ Stereo Music Equipment

28. ☐ Foreign Travel
29. ☐ Attending Cultural/Arts Events
30. ☐ Gourmet Foods/Cooking
31. ☐ Health/Natural Foods
32. ☐ Wines
33. ☐ Fashion Clothing
34. ☐ Home Furnishings/Decorating
35. ☐ Records & Tapes
36. ☐ Avid Book Reading
37. ☐ Science Fiction
38. ☐ Astrology/Occult
39. ☐ Stock/Bond Investments
40. ☐ Real Estate Investments
41. ☐ Self Improvement Programs
42. ☐ Community/Civic Activities

We appreciate your taking the time to complete this card; the information provided will help us serve you better in the future. We participate in a multi-company program whereby you can receive information about new products, developments, trends, etc. related to the interest areas and other information you have indicated above. Please check here if you would prefer not to learn about such products and services. ☐

Other comments & suggestions about our product: _____
