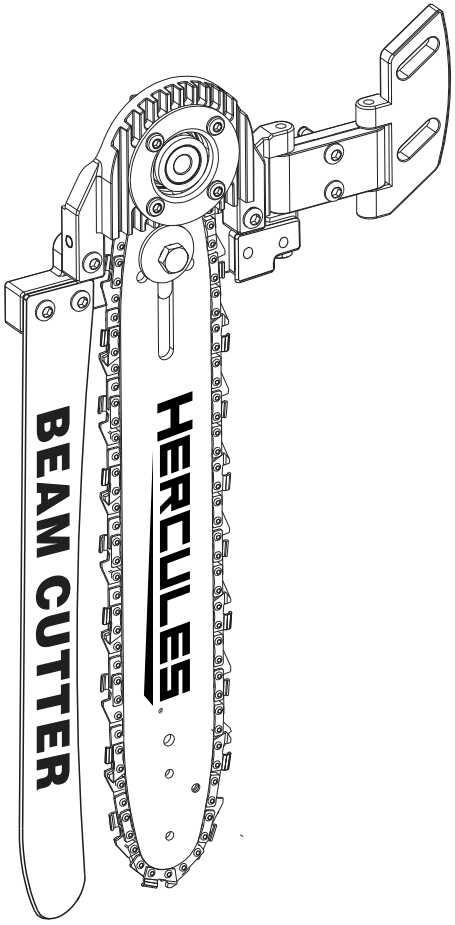
HERCULES

Owner's Manual & Safety Instructions

REV 22i



Model
HA25-BC12

Beam Cutter Kit

⚠WARNING: To prevent serious injury, User must read and understand Owner's Manual. SAVE THIS MANUAL.

When unpacking, make sure that the product is intact and undamaged.
If any parts are missing or broken, please call 1-888-866-5797
as soon as possible. Reference 58804.

IMPORTANT SAFETY INFORMATION

GENERAL POWER TOOL SAFETY WARNINGS

⚠WARNING

Read all safety warnings and all instructions. *Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.*

Save all warnings and instructions for future reference.

The term "power tool" in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

Work Area Safety

1. **Keep work area clean and well lit.** *Cluttered or dark areas invite accidents.*
2. **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** *Power tools create sparks which may ignite the dust or fumes.*
3. **Keep children and bystanders away while operating a power tool.** *Distractions can cause you to lose control.*

Personal Safety

1. **Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication.** *A moment of inattention while operating power tools may result in serious personal injury.*
2. **Use personal protective equipment. Always wear eye protection.** *Protective equipment such as dust mask, non-skid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.*
3. **Prevent unintentional starting. Ensure the switch is in the off-position before connecting to power source and/or battery pack, picking up or carrying the tool.** *Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.*
4. **Remove any adjusting key or wrench before turning the power tool on.** *A wrench or a key left attached to a rotating part of the power tool may result in personal injury.*
5. **Do not overreach. Keep proper footing and balance at all times.** *This enables better control of the power tool in unexpected situations.*
6. **Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts.** *Loose clothes, jewelry or long hair can be caught in moving parts.*
7. **If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used.** *Use of dust collection can reduce dust-related hazards.*
8. **Do not let familiarity gained from frequent use of tools allow you to become complacent and ignore tool safety principles.** *A careless action can cause severe injury within a fraction of a second.*
9. **Only use safety equipment that has been approved by an appropriate standards agency.** *Unapproved safety equipment may not provide adequate protection. Eye protection must be ANSI-approved and breathing protection must be NIOSH-approved for the specific hazards in the work area.*
10. **Do not leave the tool unattended when it is plugged into an electrical outlet and/ or the Battery Pack is connected.** *Turn off the tool, and unplug it from its electrical outlet or remove the Battery Pack before leaving.*
11. **This product is not a toy.** *Keep it out of reach of children.*
12. **People with pacemakers should consult their physician(s) before use.** *Electromagnetic fields in close proximity to heart pacemaker could cause pacemaker interference or pacemaker failure.*
    In addition, people with pacemakers should:
    • Avoid operating alone.
    • Do not use with Trigger locked on.
    • Properly maintain and inspect to avoid electrical shock.
    • Properly ground power cord.
    Ground Fault Circuit Interrupter (GFCI) should also be implemented – it prevents sustained electrical shock.
13. **The warnings, precautions, and instructions discussed in this instruction manual cannot cover all possible conditions and situations that may occur.** *It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be supplied by the operator.*

Power Tool Use and Care

1. **Do not force the power tool. Use the correct power tool for your application.** *The correct power tool will do the job better and safer at the rate for which it was designed.*
2. **Do not use the power tool if the Trigger does not turn it on and off.** *Any power tool that cannot be controlled with the Trigger is dangerous and must be repaired.*
3. **Disconnect the plug from the power source and/or remove the battery pack, if detachable, from the power tool before making any adjustments, changing accessories, or storing power tools.** *Such preventive safety measures reduce the risk of starting the power tool accidentally.*
4. **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** *Power tools are dangerous in the hands of untrained users.*
5. **Maintain power tools and accessories. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use.** *Many accidents are caused by poorly maintained power tools.*
6. **Keep cutting tools sharp and clean.** *Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.*
7. **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** *Use of the power tool for operations different from those intended could result in a hazardous situation.*
8. **Keep handles and grasping surfaces dry, clean and free from oil and grease.** *Slippery handles and grasping surfaces do not allow for safe handling and control of the tool in unexpected situations.*

Service

1. **Have your power tool serviced by a qualified repair person using only identical replacement parts.** *This will ensure that the safety of the power tool is maintained.*
2. Maintain labels and nameplates on the tool. These carry important safety information. If unreadable or missing, contact Harbor Freight Tools for a replacement.

Chain Saw Safety Warnings

1. **Keep all parts of the body away from the saw chain when the saw is operating. Before you start the saw, make sure the saw chain is not contacting anything.** *A moment of inattention while operating chain saws may cause entanglement of your clothing or body with the saw chain.*
2. **Always hold the saw with your dominant hand on the rear handle and your weak hand on the front handle.** *Holding the saw with a reversed hand configuration increases the risk of personal injury and should never be done.*
3. **Hold the power tool by insulated gripping surfaces only, because the saw chain may contact hidden wiring or its own cord.** *Saw chains contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.*
4. **Wear safety glasses and hearing protection. Further protective equipment for head, hands, legs and feet is recommended.** *Adequate protective clothing will reduce personal injury by flying debris or accidental contact with the saw chain.*
5. **Do not operate a beam saw in a tree, from a ladder, rooftop, or any unstable support.** *Operation of a chain saw in this manner may result in personal injury.*
6. **Always keep proper footing and operate the saw only when standing on fixed, secure and level surface.** *Slippery or unstable surfaces such as ladders may cause a loss of balance or control of the saw.*
7. **Carry the saw by the front/auxiliary handle with the chain saw switched off and away from your body.** *Proper handling of the chain saw will reduce the likelihood of accidental contact with the moving saw chain.*
8. **Follow instructions for lubricating, chain tensioning and changing accessories.** *Improperly tensioned or lubricated chain may either break or increase the chance for kickback.*
9. **Keep handles dry, clean, and free from oil and grease.** *Greasy, oily handles are slippery causing loss of control.*
10. **Cut wood only. Do not use chain saw for purposes not intended. For example: do not use chain saw for cutting plastic, masonry or non-wood building materials.** *Use of the chain saw for operations different than intended could result in a hazardous situation.*

11. **Causes and operator prevention of kickback:**

Kickback may occur when the nose or tip of the guide bar touches an object, or when the wood closes in and pinches the saw chain in the cut.

Tip contact in some cases may cause a sudden reverse reaction, kicking the guide bar up and back towards the operator.

Pinching the saw chain along the top of the guide bar may push the guide bar rapidly back towards the operator.

Either of these reactions may cause you to lose control of the saw which could result in serious personal injury. Do not rely exclusively upon the safety devices built into your saw. As a chain saw user, you should take several steps to keep your cutting jobs free from accident or injury.

Kickback is the result of tool misuse and/or incorrect operating procedures or conditions and can be avoided by taking proper precautions as given below:

a. **Maintain a firm grip, with thumbs and fingers encircling the power tool handles, with both hands on the saw and position your body and arm to allow you to resist kickback forces.** *Kickback forces can be controlled by the operator, if proper precautions are taken. Do not let go of the chain saw.*

b. **Do not overreach and do not cut above shoulder height.** *This helps prevent unintended tip contact and enables better control of the saw in unexpected situations.*

c. **Only use replacement bars and chains specified by the manufacturer.** *Incorrect replacement bars and chains may cause chain breakage and/or kickback.*

d. **Follow the manufacturer's sharpening and maintenance instructions for the saw chain.** *Decreasing the depth gauge height can lead to increased kickback.*

Vibration Safety

This tool vibrates during use.
Repeated or long-term exposure to vibration may cause temporary or permanent physical injury, particularly to the hands, arms and shoulders.
To reduce the risk of vibration-related injury:

1. Anyone using vibrating tools regularly or for an extended period should first be examined by a doctor and then have regular medical check-ups to ensure medical problems are not being caused or worsened from use. Pregnant women or people who have impaired blood circulation to the hand, past hand injuries, nervous system disorders, diabetes, or Raynaud's Disease should not use this tool. If you feel any symptoms related to vibration (such as tingling, numbness, and white or blue fingers), seek medical advice as soon as possible.
2. Do not smoke during use. Nicotine reduces the blood supply to the hands and fingers, increasing the risk of vibration-related injury.
3. Wear suitable gloves to reduce the vibration effects on the user.
4. Use tools with the lowest vibration when there is a choice.
5. Include vibration-free periods each day of work.
6. Grip tool as lightly as possible (while still keeping safe control of it). Let the tool do the work.
7. To reduce vibration, maintain the tool as explained in this manual. If any abnormal vibration occurs, stop use immediately.

Symbology

	WARNING marking concerning Risk of Eye Injury. Wear ANSI-approved safety goggles with side shields.
	Read the manual before set-up and/or use.
	WARNING marking concerning Risk of Fire. Do not cover Charger ventilation ducts. Keep flammable objects away.
	WARNING marking concerning Risk of Electric Shock.
	WARNING marking concerning Risk of Kickback. Contact of the guide bar tip with any object should be avoided.
	WARNING marking concerning Risk of Kickback. Tip contact can cause the guide bar to move suddenly upward and backward, which can cause serious injury.
	WARNING marking concerning Risk of Loss of Control. Do not operate the chain saw with only one hand.
	WARNING marking concerning Risk of Loss of Control. Always use two hands when operating the chain saw.
	WARNING marking concerning Saw Chain Orientation. Cutters must face in direction of rotation.

Warning Symbols and Definitions

This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

⚠DANGER **Indicates a hazardous situation which, if not avoided, will result in death or serious injury.**

⚠WARNING **Indicates a hazardous situation which, if not avoided, could result in death or serious injury.**

⚠CAUTION **Indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.**

NOTICE **Addresses practices not related to personal injury.**

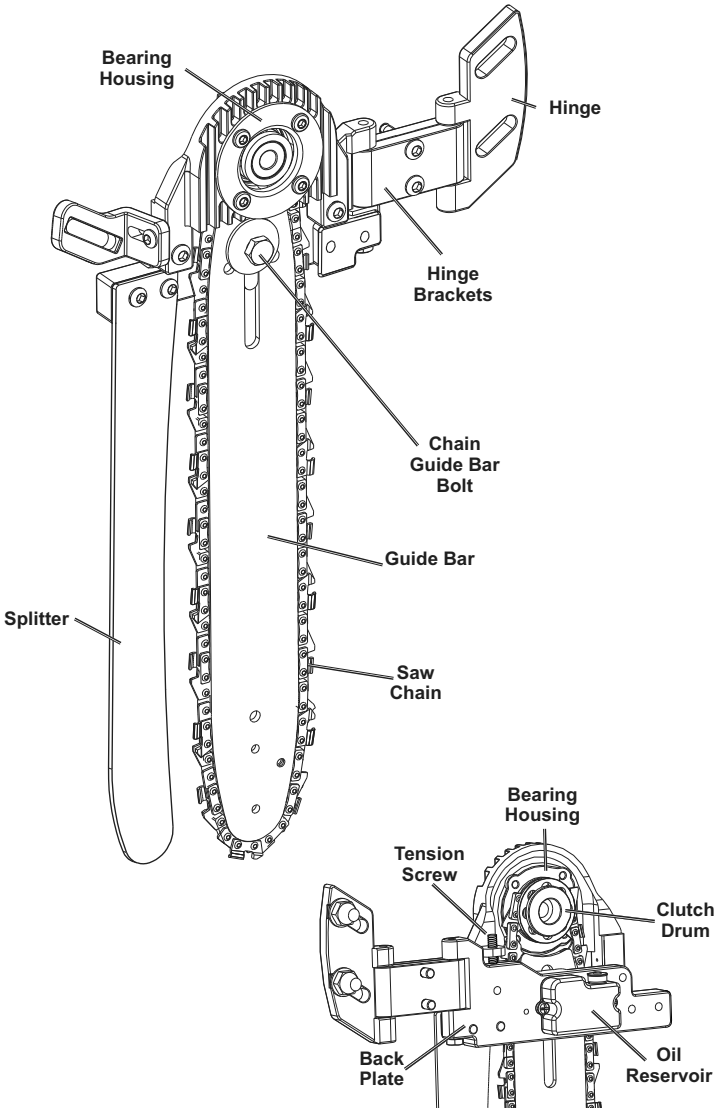
SPECIFICATIONS

Application	Fits both conventional and worm drive 7-1/4" circular saws	
Max Cut Depth @90°	12 inches	
Lubrication	Type	Bar and chain oil (sold separately - if not available, SAE 30W motor oil may be used)
	Capacity	0.68 fl. oz. (20 ml)
Cutting Attachment	Low Profile Anti-Kickback Chain Length: 33.28" Pitch: 3/8" Gauge: 0.043" # of teeth: 23 w/46 Drive Links	

SETUP–BEFORE USE

Read the ENTIRE IMPORTANT SAFETY INFORMATION section at the beginning of this manual including all text under subheadings therein before set up or use of this product.
Read the manual for the circular saw the Beam Cutter will be installed on before setup or use.

Functional Description



For technical questions, please call 1-888-866-5797.

OPERATION

Read the ENTIRE IMPORTANT SAFETY INFORMATION section at the beginning of this manual including all text under subheadings therein before set up or use of this product.

Tool Set Up

⚠WARNING

TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:
Make sure that the circular saw Trigger is in the off-position and unplug the tool from its electrical outlet and/or make sure the Battery Pack is removed before performing any procedure in this section.

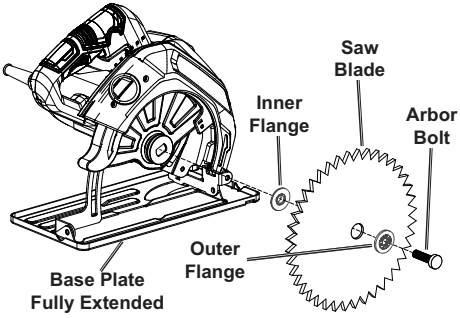
IMPORTANT: Read the operation manual for the circular saw the Beam Cutter will be mounted on before installing and operating the Cutter.

Note: Some brands/models of circular saws may require removal of the lower blade guard to allow installation of the Beam Cutter.

Note: During assembly of the Splitter to the Saw, make sure the Splitter is parallel with the Guide Bar for optimal results.

Installing on Conventional Circular Saw (Right Side Blade)

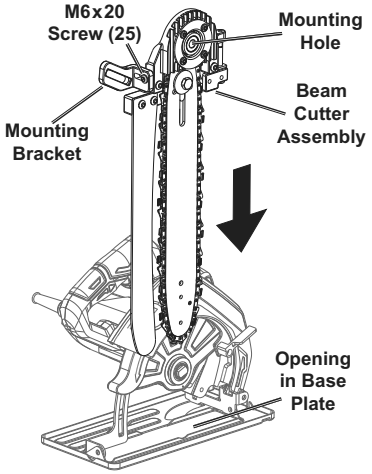
1. Move the base plate on the circular saw to the fully extended position.
2. Hold in the spindle lock on the circular saw while removing the arbor bolt, outer flange, saw blade, and inner flange.



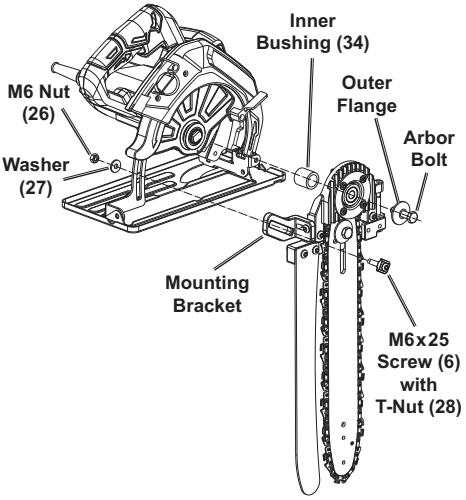
3. From the supplied hardware, determine the correct size Arbor Bolt (35, 36, 37, 38, or 39) and Outer Flange (32 or 33) to fit the circular saw being used.

NOTICE: Be sure to use an Outer Flange with the Arbor Bolt when installing the Beam Cutter. Failure to do so may result in incorrect operation and damage to the Bearing Housing.

4. Attach the Mounting Bracket to the Beam Cutter Assembly using a M6x20 Screw (25).
5. Slide the Beam Cutter Assembly down through the blade opening in the base plate of the circular saw.



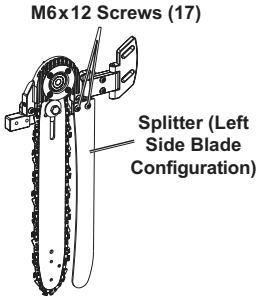
6. Place the Inner Bushing (34) over the saw spindle and align the center mounting hole of the Beam Cutter with the saw spindle.
7. Insert the correct size Arbor Bolt and Outer Flange through the mounting hole and thread into the saw spindle. Finger tighten.
8. Insert an M6x25 Screw (6) with T-Nut (28) through the Mounting Bracket slot on the Beam Cutter and the slide on the saw. Secure with M6 Nut (26) and Washer (27). Finger tighten.



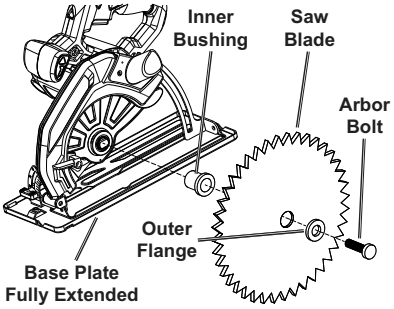
9. Align the Beam Cutter Assembly at a 90° angle to the saw's base plate.
10. Hold in the spindle lock on the circular saw and wrench tighten the Arbor Bolt—do not over tighten.
11. Wrench tighten the M6 Nut to secure the Beam Cutter Assembly to the circular saw.

Installing on Worm Drive Circular Saw (Left Side Blade)

1. Changing the Splitter orientation:
   a. Remove M6x12 Screws (17), then remove the Splitter.
   b. Flip the Splitter over so that the inner curved side is facing the Guide Bar, then align Splitter with holes on the right side.
   c. Replace Screws (17) and finger tighten.
   d. Adjust the Splitter to be parallel to the Guide Bar, then tighten the Screws (17) securely.



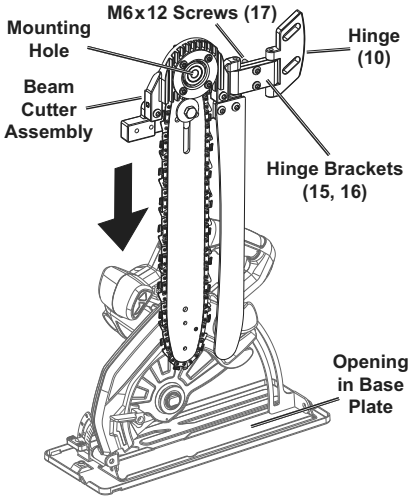
2. Move the base plate on the circular saw to the fully extended position.
3. Hold in the spindle lock on the circular saw while removing the arbor bolt, outer flange, saw blade, and inner flange or bushing.



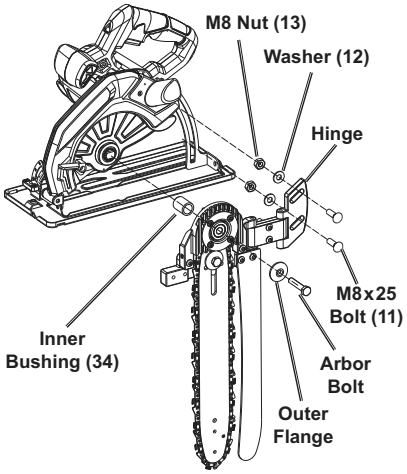
4. From the supplied hardware, determine the correct size Arbor Bolt (35, 36, 37, 38, or 39) and Outer Flange (32 or 33) to fit the circular saw being used.

NOTICE: Be sure to use an Outer Flange with the Arbor Bolt when installing the Beam Cutter. Failure to do so may result in incorrect operation and damage to the Bearing Housing.

5. Attach the Hinge (10) to the Beam Cutter Assembly using two Hinge Brackets (15, 16) and two M6x12 Screws (17). Do not fully tighten the Screws at this time.



6. Slide the Beam Cutter Assembly down through the blade opening in the base plate of the circular saw.
7. Place the Inner Bushing (34) over the saw spindle and align the center mounting hole of the Beam Cutter with the saw spindle.
8. Insert the correct size Arbor Bolt and Outer Flange through the mounting hole and thread into the saw spindle. Finger tighten.
9. Insert two M8x25 Bolts (11) through the Hinge slots on the Beam Cutter and the slide on the saw. Secure with two M8 Nuts (13) and Washers (12). Finger tighten.



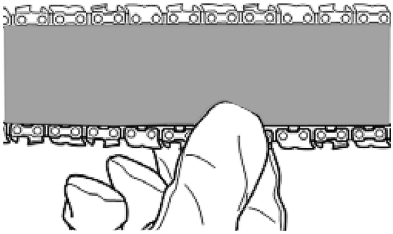
10. Align the Beam Cutter Assembly at a 90° angle to the saw's base plate.
11. Hold in the spindle lock on the circular saw and wrench tighten the Arbor Bolt—do not over tighten. Wrench tighten the M8 Nuts and the M6x12 Screws from step 4 to secure the Beam Cutter Assembly to the circular saw.

Checking Saw Chain Tension

1. Before using, check the Saw Chain tension.

Note: New Saw Chains often need to be tensioned several times during first use. Check a new Saw Chain's tension often when first using.

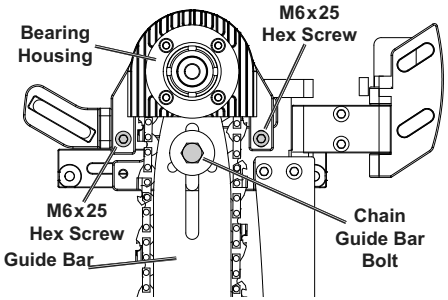
2. While wearing heavy-duty gloves, use your index finger and thumb to carefully grab the Saw Chain in the middle section under the Guide Bar.



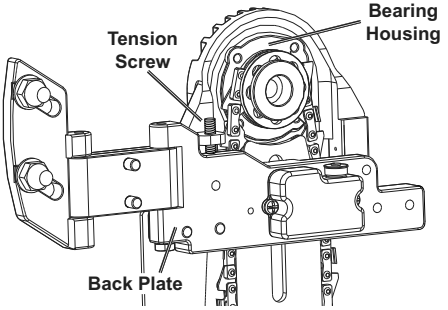
3. Pull the Saw Chain away from the Guide Bar.
4. The Saw Chain should snap back against the Chain Guide Bar. The Chain should fit snugly in the groove of the Guide Bar, yet you should still be able to slide the chain along the Guide Bar by hand.
5. There should be no sagging between the Guide Bar and Saw Chain on the *underside* of the Guide Bar.

Adjusting Saw Chain Tension

1. Remove the Beam Cutter from the circular saw.
2. For fine adjustment up to 1/8", loosen the two M6x25 Hex Screws on the Bearing Housing.



3. Turn the Tension Screw *clockwise* to increase chain tension and *counterclockwise* to decrease tension. Tighten the M6x25 Hex Screws.



4. If increased tension is needed, loosen the Guide Bar Bolt and slide the Guide Bar down to tighten the Chain. Tighten the Guide Bar Bolt.
5. Check the Saw Chain tension again following steps 2 through 5 under *Checking Saw Chain Tension*. If needed, repeat the adjusting steps to achieve the correct tension.

Replacing the Saw Chain

1. Soak the new Saw Chain overnight in Bar and Chain Oil (sold separately).

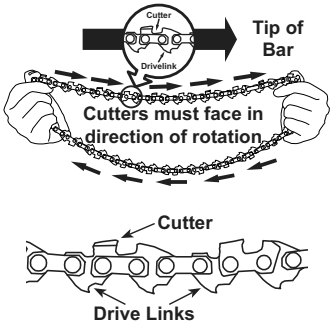
Note: Wear heavy-duty gloves when working with Saw Chains.

2. Remove the Beam Cutter from the circular saw.
3. Remove the Guide Bar Bolt and Washer.
4. Remove the two M6x25 Hex Screws on the Bearing Housing and separate the Bearing Housing from the Back Plate.
5. Remove the Guide Bar and old saw chain from the Beam Cutter.

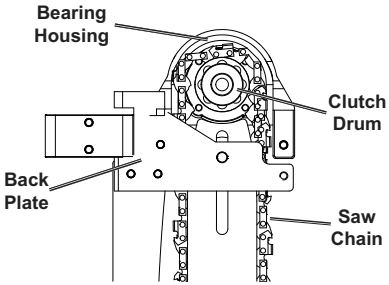
Note: Check the condition of the Sprocket when replacing the chain. The Sprocket should be replaced if it shows signs of wear or is damaged. If needed, have the Sprocket replaced and the bearings greased by a qualified technician.

6. Flip the Guide Bar over before mounting the new Saw Chain. This will ensure that the Guide Bar wears evenly over time.

Note: Check the condition of the Guide Bar when replacing the chain. Refer to *Guide Bar Care* on page 13.

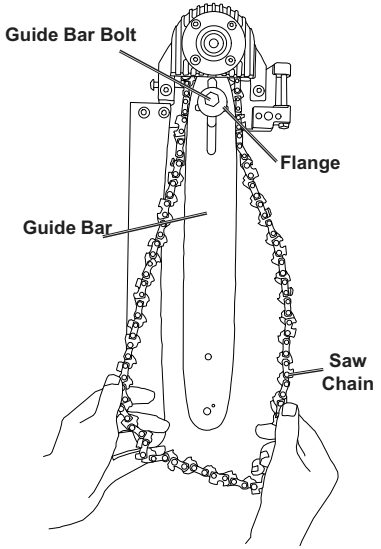


7. Place the new Saw Chain behind the Clutch Drum, around the Sprocket and onto the Sprocket teeth. Make sure the Cutters of the Saw Chain are facing in the direction of rotation.



8. Reattach the Bearing Housing to the Back Plate by replacing the two Hex Screws.

9. Reattach the Guide Bar with the Guide Bar Bolt and Flange. Finger tighten the Bolt.
10. Place the Saw Chain over the Guide Bar. Fit the Drive Links into the groove around the Guide Bar.
11. Pull the Guide Bar forward to take up slack in the Chain. Check again that the Saw Chain cutters are aligned properly and the Saw Chain Drive Links are seated completely in the slot of the Guide Bar.
12. Move the Chain back and forth to make sure it is in properly seated on the Sprocket. Wrench tighten the Guide Bar Bolt to secure the Guide Bar.



13. Tension the Saw Chain following the steps in *Adjusting Saw Chain Tension* on page 10.

Workpiece and Work Area Set Up

1. Designate a work area that is clean and well lit. The work area must not allow access by children or pets to prevent distraction and injury.
2. If using a corded circular saw and extension cord, route the extension cord along a safe route to reach the work area without creating a tripping hazard or exposing the extension cord to possible damage. The extension cord must reach the work area with enough extra length to allow free movement while working.
3. Secure loose workpieces using a vise or clamps (not included) to prevent movement while working.
4. There must not be objects, such as utility lines, nearby that will present a hazard while working.

General Operations

1. Before first use and before each use thereafter, remove the Oil Reservoir Cover. Inspect the Cover for damage. Fill the Oil Reservoir to just below top with oil (not included). Refer to *Specifications Chart* on page 5 for oil type. Then replace the Oil Reservoir Cover. Oil is automatically applied to the Saw Chain during operation.
2. Make sure that the circular saw Trigger is in the off-position, then connect an outdoor rated extension cord (not included) to the saw power cord. Make sure the electrical cord is away from the cutting area. If using a cordless circular saw, insert the battery pack.
3. Grasp the circular saw handles with both hands. Always grip the handle with the thumb and fingers encircling the handle.
4. Grip saw firmly with both hands, rest the front of the base plate on workpiece with the Saw Chain behind the work.

IMPORTANT: Do not start the saw if the Saw Chain is in contact with anything.

5. Press the circular saw Trigger to start the tool.
6. Allow the saw to come up to full speed before touching the workpiece.
7. Guide the Saw Chain into the workpiece.

WARNING! TO PREVENT SERIOUS INJURY: Keep the saw's base plate pressed firmly against the workpiece while cutting to prevent kickback.

8. Maintain a smooth motion, guiding the Saw Chain through the material as it is cut. Follow the cut. Do not press too hard. If the saw slows down as it is cutting, apply less pressure on the saw.
9. To stop the saw, release the Trigger.
10. Allow the saw to come to a complete stop before setting it down.

MAINTENANCE AND SERVICING

Procedures not specifically explained in this manual must be performed only by a qualified technician.

⚠WARNING

TO PREVENT SERIOUS INJURY FROM ACCIDENTAL OPERATION:
Make sure that the circular saw Trigger is in the off-position and unplug the tool from its electrical outlet and/or make sure the Battery Pack is removed before performing any procedure in this section.

TO PREVENT SERIOUS INJURY FROM TOOL FAILURE:
Do not use damaged equipment. If abnormal noise or vibration occurs, have the problem corrected before further use.

Cleaning, Maintenance, and Lubrication

1. **BEFORE EACH USE,** inspect the general condition of the tool. Check for:
   - loose hardware
   - misalignment or binding of moving parts
   - cracked or broken parts
   - dull or damaged Saw Chain
   - any other condition that may affect its safe operation.
2. **BEFORE FIRST USE AND BEFORE EACH USE THEREAFTER,** make sure the Oil Reservoir is filled with oil (not included). Refer to *Specifications Chart* on page 5 for oil type.
3. **IF THE SAW CHAIN BECOMES LOOSE,** adjust the Saw Chain tension as described under *Adjusting Saw Chain Tension* on page 10.
4. **PERIODICALLY OR WHEN REPLACING SAW CHAIN,** turn the Chain Guide Bar over to distribute the wear on it. Replace the Chain Guide Bar when bent, cracked, or when the Saw Chain moves excessively from side to side on the Guide Bar due to wear. Refer to *Guide Bar Care* on page 13.

WARNING! TO PREVENT SERIOUS INJURY: Replace the Saw Chain and Chain Guide Bar only with an identical Saw Chain and Guide Bar.

5. **AFTER USE,** wipe external surfaces of the tool with a clean, dry cloth. If necessary use a mild detergent. Do not use solvents. Do not immerse this tool in liquid. Store the tool indoors out of children's reach.

Sharpening/Replacing the Saw Chain

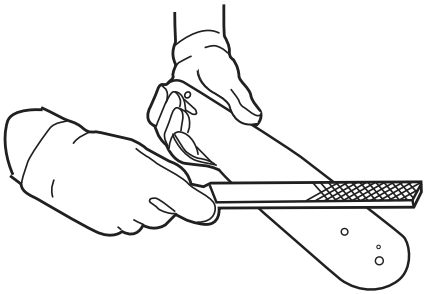
CAUTION! Wear heavy-duty work gloves when handling the Saw Chain.

1. For smooth and safe operation, always keep the Saw Chain cutters sharp.
2. Have the cutters sharpened by a qualified technician when you notice any of the following symptoms:
   a. The sawdust becomes powder-like.
   b. You can't make the cut without extra force.
   c. The saw does not cut straight.
   d. Vibration increases.
3. A Saw Chain that is damaged or too worn to be restored to a usable condition by sharpening will need to be replaced. Refer to *Replacing the Saw Chain* on page 10.

WARNING! TO PREVENT SERIOUS INJURY: Replace the Saw Chain only with an identical Saw Chain.

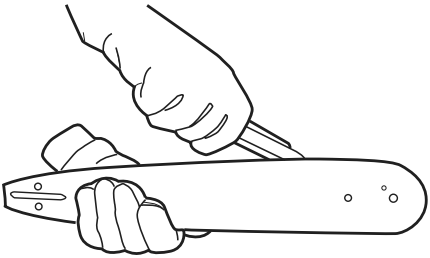
Guide Bar Care

1. Remove the Guide Bar periodically to clean and lubricate.
2. Deburr rails of Guide Bar as needed. Use a flat file to make side edges square.



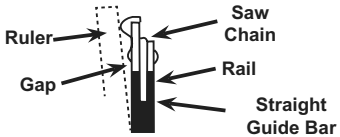
Deburring Guide Bar

3. Remove sawdust and sap from the Bar Groove using a Guide Bar cleaning tool (sold separately), then lubricate the nose sprocket at the ports with grease.



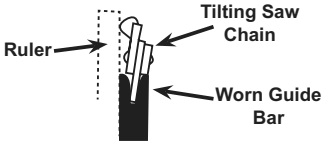
Cleaning and Lubricating Guide Bar

4. Reverse the Guide Bar when replacing the Saw Chain to prevent uneven wear.
5. The rails of the Guide Bar groove should always be parallel to each other. Place a ruler along the surface of the Guide Bar and Saw Chain. If there is a gap, the bar is normal.



Normal Guide Bar

If the ruler is flush with the Guide Bar and Saw Chain, or the Chain tilts to one side, then the Bar is worn and needs to be replaced.



Worn Guide Bar

PLEASE READ THE FOLLOWING CAREFULLY

THE MANUFACTURER AND/OR DISTRIBUTOR HAS PROVIDED THE PARTS LIST AND ASSEMBLY DIAGRAM IN THIS MANUAL AS A REFERENCE TOOL ONLY. NEITHER THE MANUFACTURER OR DISTRIBUTOR MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND TO THE BUYER THAT HE OR SHE IS QUALIFIED TO MAKE ANY REPAIRS TO THE PRODUCT, OR THAT HE OR SHE IS QUALIFIED TO REPLACE ANY PARTS OF THE PRODUCT. IN FACT, THE MANUFACTURER AND/OR DISTRIBUTOR EXPRESSLY STATES THAT ALL REPAIRS AND PARTS REPLACEMENTS SHOULD BE UNDERTAKEN BY CERTIFIED AND LICENSED TECHNICIANS, AND NOT BY THE BUYER. THE BUYER ASSUMES ALL RISK AND LIABILITY ARISING OUT OF HIS OR HER REPAIRS TO THE ORIGINAL PRODUCT OR REPLACEMENT PARTS THERETO, OR ARISING OUT OF HIS OR HER INSTALLATION OF REPLACEMENT PARTS THERETO.

PARTS LIST AND DIAGRAM

Parts List

Part	Description	Qty
1	Screw M5x12	4
2	Bearing Pressure Plate	1
3	Bearing 6004	1
4	Bearing Housing	1
5	Hex Screw M6x12	1
6	Hex Screw M6x25	3
7	Washer	1
8	Chain Wheel	1
9	Axle Sleeve	1
10	Hinge	1
11	Bolt M8x25	2
12	Washer	2
13	Nut M8	2
14	Bolt M6x60	2
15	Hinge Bracket I	1
16	Hinge Bracket II	1
17	Hex Screw M6x12	4
18	Hex Screw M4x12	2
19	Oil Reservoir	1
20	Oil Reservoir Cover	1
21	Back Plate	1

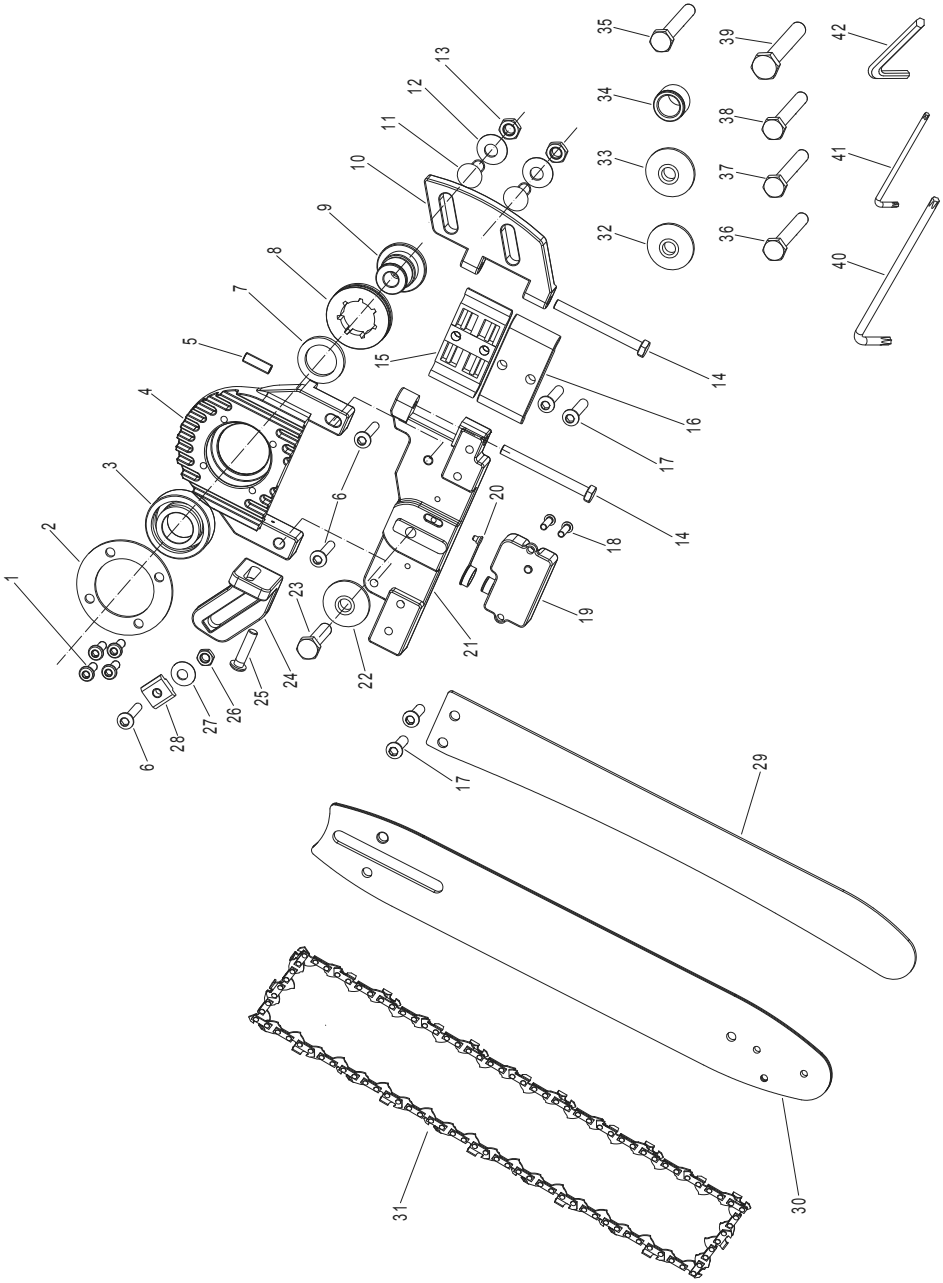
Part	Description	Qty
22	Guide Bar Bolt Flange	1
23	Guide Bar Bolt M8x25	1
24	Mounting Bracket	1
25	Hex Screw M6x20	1
26	Nut M6	1
27	Washer	1
28	T-Nut	1
29	Splitter	1
30	Guide Bar	1
31	Saw Chain	1
32	Outer Flange Ø8	1
33	Outer Flange Ø10	1
34	Inner Bushing	1
35	Arbor Bolt M8x40	1
36	Arbor Bolt 5/16"-24x40	1
37	Arbor Bolt 5/16"-18x40	1
38	Arbor Bolt M8x40 Left	1
39	Arbor Bolt 3/8"-24x40 Left	1
40	Wrench T25	1
41	Wrench T27	1
42	Hex Key	1

Record Product's Serial Number Here:_____

Note: If product has no serial number, record month and year of purchase instead.

Note: Some parts are listed and shown for illustration purposes only, and are not available individually as replacement parts. Specify UPC 193175446848 when ordering parts.

Assembly Diagram



LIMITED 90 DAY WARRANTY

Harbor Freight Tools Co. makes every effort to assure that its products meet high quality and durability standards, and warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 90 days from the date of purchase. This warranty does not apply to damage due directly or indirectly, to misuse, abuse, negligence or accidents, repairs or alterations outside our facilities, criminal activity, improper installation, normal wear and tear, or to lack of maintenance. We shall in no event be liable for death, injuries to persons or property, or for incidental, contingent, special or consequential damages arising from the use of our product. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation of exclusion may not apply to you. THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS.

To take advantage of this warranty, the product or part must be returned to us with transportation charges prepaid. Proof of purchase date and an explanation of the complaint must accompany the merchandise. If our inspection verifies the defect, we will either repair or replace the product at our election or we may elect to refund the purchase price if we cannot readily and quickly provide you with a replacement. We will return repaired products at our expense, but if we determine there is no defect, or that the defect resulted from causes not within the scope of our warranty, then you must bear the cost of returning the product.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

Visit our website at: http://www.harborfreight.com
Email our technical support at: productsupport@harborfreight.com
For technical questions, please call 1-888-866-5797

Copyright© 2022 by Harbor Freight Tools®. All rights reserved. No portion of this manual or any artwork contained herein may be reproduced in any shape or form without the express written consent of Harbor Freight Tools. Diagrams within this manual may not be drawn proportionally. Due to continuing improvements, actual product may differ slightly from the product described herein. Tools required for assembly and service may not be included.

HERCULES®

26677 Agoura Road • Calabasas, CA 91302 • 1-888-866-5797