




SAW CHAIN AND GUIDE BAR USER INSTRUCTIONS


Model No. 42605, 42575, 36867, 3631, 42601, 42574, 45043, 36510, 42587, 42577, 42651, 42602, 42653, 98024, 42578, 42600, 38118, 38116, 45029

	PITCH	FILE
S	3/8" Low Profile	5/32" (4.0 mm)
M	.325"	3/16" (4.8 mm)
L	3/8"	7/32" (5.5 mm)

 Drive Links

IMPORTANT:
Make sure chainsaw engine is off before performing any maintenance.

Form No. 769-12323
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 **WARNING**

This chain provides a very significant reduction of kickback energy as compared to other chains, but does not eliminate kickback completely. A low kickback chain should never be regarded as total protection against injury. This chain should always be used in conjunction with other effective kickback protection devices such as hand guard and/or a chain brake. ALWAYS use safety protection such as a helmet, safety goggles, heavy duty work gloves, work shoes, and ear plugs (or good grade sound barriers).

ALWAYS REMEMBER:
NO SAW CHAIN IS “SAFE” ...IF IT CAN CUT WOOD, IT CAN CUT YOU!

Always follow to the letter the safety instructions and procedures described in the Operator’s Manual provided with your chainsaw.

CAUTION: Improper sharpening of this chain and/or the filing down of the guard link tangs will increase the risk of severe injury due to kickback.

MOUNTING AND TENSIONING INSTRUCTIONS GUIDE BAR / SAW CHAIN / INSTALLATION

 **WARNING**

ALWAYS wear protective gloves when handling chain.

TO INSTALL GUIDE BAR AND SAW CHAIN:

1. Remove bar retaining nuts (A) and cover plate housing (B). See Operator’s Manual for details on your type and model saw (Figure 1).

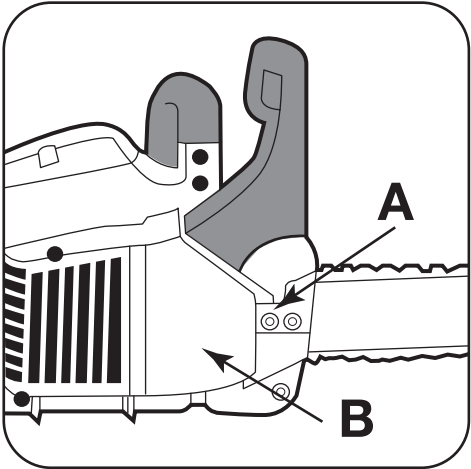


Figure 1

2. Turn chain tension adjustment screw COUNTERCLOCKWISE until chain tension adjustment tang (C) is as far rear as possible (Figure 2).

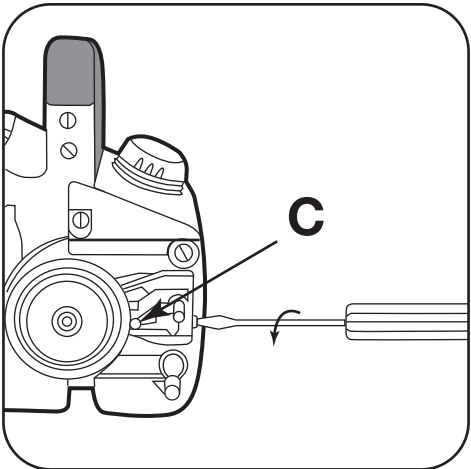


Figure 2

3. Slide the slotted end of the bar over the bar mounting bolt(s). Position the bar so that the adjustment tang fits into the bar adjustment hole.
4. Spread saw chain out in a loop with cutting edges of chain pointing clockwise around loop as shown in Figure 3.

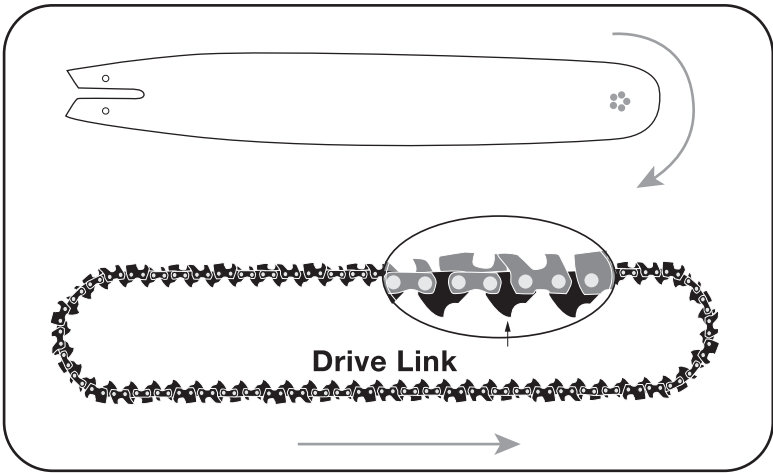


Figure 3

5. Slip chain around clutch drum and onto sprocket, with drive links fitting between sprocket teeth.
6. Guide center drive links into bar groove on top side of guide bar and around nose. Saw chain will droop slightly on lower part of guide bar.
7. Install cover plate housing. Thread retaining nuts on hand tight.
8. Remove slack in chain by turning chain tension screw CLOCKWISE. It may be necessary to guide center drive links into the bottom groove of bar as chain tightens.

SAW CHAIN TENSION ADJUSTMENT

Proper tension of saw chain is extremely important and must be checked before starting any cutting operation, as well as during the job. Taking time to adjust the chain will result in improved cutting performance and increase chain life.

NOTE: A new chain and bar will need re-adjustment after as few as five cuts. This is normal during the break-in period, and the interval between future adjustments will lengthen quickly.

CAUTION: If chain is TOO LOOSE (E) or TOO TIGHT, the bar, chain and saw bearings will wear more rapidly (Figure 4). Study Figure 4 for correct cold tension (D) and correct warm tension (F).

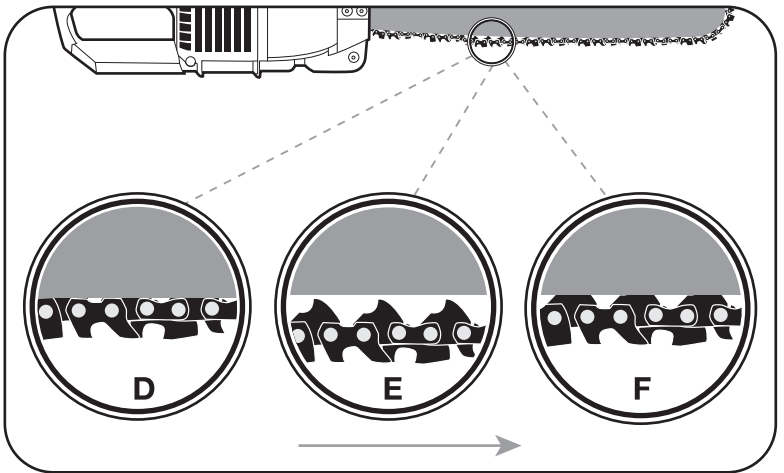


Figure 4

TO ADJUST THE CHAIN:

1. Hold the nose of the bar up and turn adjustment screw CLOCKWISE to increase chain tension. Always maintain a snug fit all the way around the cutting bar (Figure 5). See Figure 4 for correct chain tension.

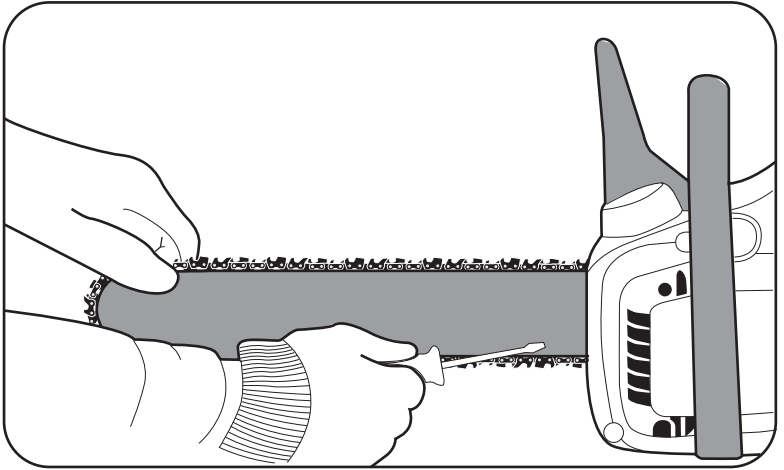


Figure 5

2. Move saw chain back and forth on guide bar by hand to make sure it is in proper mesh with sprocket. Chain should move freely on bar (Figure 6). **NOTE:** If chain is difficult to rotate on guide bar or binds, too much tension has been applied, requiring readjustment as follows: (See Figure 6 in next column).

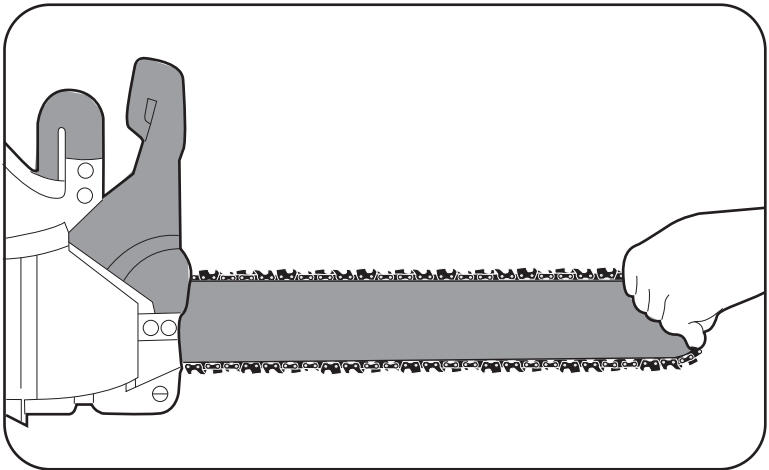



Figure 6

3. Decrease tension by turning adjustment screw COUNTERCLOCKWISE slowly. Move chain back and forth on bar until it rotates freely, but fits snugly.
4. When saw chain is properly tensioned, tighten bar retaining nut(s) securely.

ATTENTION!

Procedures explained in this instruction sheet are basic. They are not intended to replace original chainsaw instructions in your Operator’s Manual. Some procedures for installing a new bar and chain will differ depending on your particular chainsaw model. If unfamiliar with bar and chain installation, refer to the Assembly Instructions in your original Operator’s Manual.

KICKBACK

 **WARNING**

GUARD AGAINST KICKBACK!
CAUTION: Kickback can lead to dangerous loss of control of the saw and result in serious or fatal injury to the saw operator or to anyone standing close by.

TO GUARD AGAINST KICKBACK:
ALWAYS use two hands to operate the chainsaw.
KEEP the saw below shoulder height, where you have better control over kickback reactions.
MAINTAIN balanced stance with left elbow braced as straight as possible and handles held firmly between the thumb and fingers. Keep a firm grip with both hands.
REV up engine to full throttle before letting the chain touch the wood.
DO all cutting at full throttle. A slow moving chain can grab the wood and throw the saw out of your hands.
DO all cutting on the straight portions (top and bottom rails) of the guide bar to avoid kickback reactions.
NEVER cut with the bar tip.
KEEP watch that the tip of the bar does not contact any object while chain is moving.
KEEP your chain properly maintained.
KEEP your chain properly tensioned.
READ the chainsaw Operator’s Manual and operator’s instructions before attempting to use the saw.
Be sure you understand all instructions. If in doubt, consult your dealer for instructions before using.
NEVER stand directly behind the chainsaw while cutting. Stand slightly to the left of the guard bar.
NEVER remove, modify, or make inoperative any safety device or guard provided for your safety by the manufacturer of the saw. Do not modify the guide bar or the saw chain.
REMEMBER a chainsaw is a very dangerous tool when used improperly! Follow all the manufacturer’s instructions to the letter!

 **WARNING**

DULL CHAINS ARE DANGEROUS!
The safest chain is a sharp chain. The sharpest chain is a new chain. As your chain ages and wears, we highly recommend either replacing the chain or maintaining and keeping it sharp.