

## **TECHNICAL & SAFETY INFO**

*Important saw chain safety and ANSI information you should know.*

### ***What is kickback?***

**Rotational Kickback**The rapid upward and backward motion of the saw that can occur when the moving saw chain near the upper portion of the tip of the guide bar contacts an object such as a log or branch. (Source ANSI B175.1 2012) **Linear Kickback (pinch kickback)**



The rapid push back of the saw that can occur when the wood closes in and pinches the moving saw chain in the cut along the top of the guide bar. (Source ANSI B175.1 2012)

### ***What is the ANSI standard?***

#### *Saws Less Than 62cc*

When replacing chain on saws below 3.8 cubic inch (62cc), any Carlton chain with the proper pitch and gauge which is designated as low-kickback can be used. When replacing guide bars, a Carlton branded guide bar with the same bar length, nose radius (same number of sprocket teeth) and pitch can be used to maintain the low-kickback performance. (Source ANSI B175.1 2012)

**CAUTION:** Chain not designated low-kickback should only be used by users experienced and trained in dealing with kickback.

#### *Saws Larger Than 62cc*

When replacing chain on saws 3.8 cubic inch (62cc) and larger, the saws may, but are not required to, meet the low-kickback acceptance criteria. Users should use this class of saws with specialized training in dealing with kickback.

### ***Carlton Packaging & Labeling***

*Chain that complies with ANSI B175.1-2012 are identified as low-kickback replacement saw chain and carry the UL Classification marking.*

Underwriters Laboratories Inc., classified low kickback replacement saw chain in accordance with American National Standard low kickback safety requirements for gasoline-powered chainsaws (ANSI B175.1-2012), paragraphs 5.11.2.4 and Canadian Standards Association CSA Z62.3-04 Clause 4.1.3.2, Type C Low-kickback replacement saw chain.