

# Bucking Evaluation

## What is our objective?

**Identify hazards** - aerial, ground, product, structures, weather, people.

## Identify Binds (different types of bind)

- **Top bind**  
When the compression is on the top and the tension is on the bottom.
- **Bottom bind**  
When the tension is on the top and the compression is on the bottom.
- **Side bind**  
When the tension or the compression is on the side. If not, sure which side is under pressure **DO NOT CUT!!** this could come back at the sawyer
- **End bind**  
When there is pressure either uphill or downhill causing the saw to pinch from the gravity weight of the tree. Other end binds may be where the tree is pushed against other trees, hillsides or other obstacles causing the tree to be forced back towards the sawyer causing the saw to pinch or the tree to shoot back at the sawyer.  
**Always pay attention to your chainsaw's cut (kerf) opening or closing on the bar.**

**Escape route** - always have a way out

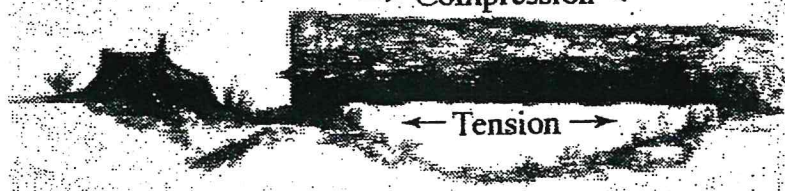
**Make a Plan** - If your plan changes you must reevaluate

(If there is no objective, cannot mitigate a hazard, cannot read, or identify the bind, have no escape route, or your plan just does not come together **we do not make the cut!**)

TOP BIND

→ Compression ←

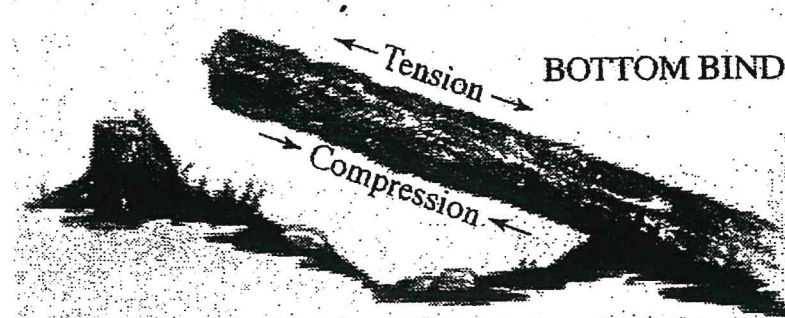
← Tension →



BOTTOM BIND

← Tension →

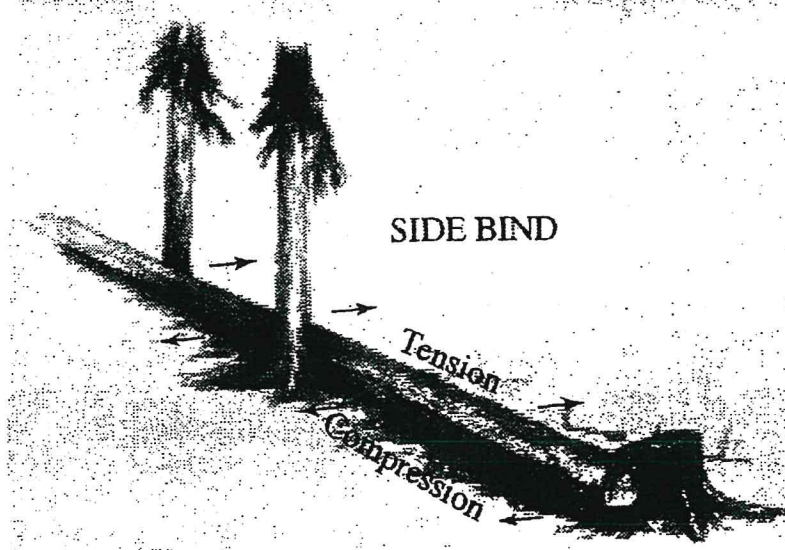
→ Compression ←



SIDE BIND

Tension

Compression



Weight causes compression.

END BIND

