

CHAINSAW SAFETY & EQUIPMENT

POINTS TO COVER

- ▣ Disclaimer
- ▣ Personal Background
- ▣ Safety Equipment
- ▣ Chainsaw Safety
- ▣ Equipment
- ▣ Maintenance

DISCLAIMER

- ▣ This is for general knowledge and will not certify you as a chainsaw operator.
- ▣ Certification courses are typically 8 - 16 hours of in class and 8 - 24 hours of cutting time.

PERSONAL BACKGROUND

Education

Ecosystem Management Technician/Technologist
(Sir Sandford Fleming College)

Work Experience

Four Years Forest Fire Fighting
(Ontario Ministry of Natural Resources)

- ▣ 4 years of fighting forest fire.
- ▣ Respond to 73 serious incidents.
- ▣ 41 were chainsaw related.
- ▣ Estimated 90% were preventable.

SAFETY EQUIPMENT

- ▣ Chainsaw owners manual
- ▣ Safety person
- ▣ Personal Protective Equipment (PPE)

Helmet

Face screen / safety glasses

Hearing protection



▣ PPE cont.

Chaps / Cutting pants



Steel toe boots / cutting boots



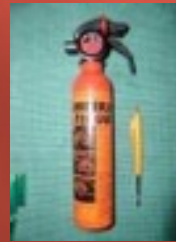
Gloves



▣ First Aid Kit with Compression Bandage



▣ Fire Suppression (Seasonal)



▣ Fire Rating (Seasonal)



COST

Chaps : \$80

Gloves: \$15

Helmet: \$50

Boots: \$100

Fire Extinguisher: \$15

First Aid Kit: \$30

Never having to deal with an angry wife because of an accident

TOTAL COST

\$290 (approx)



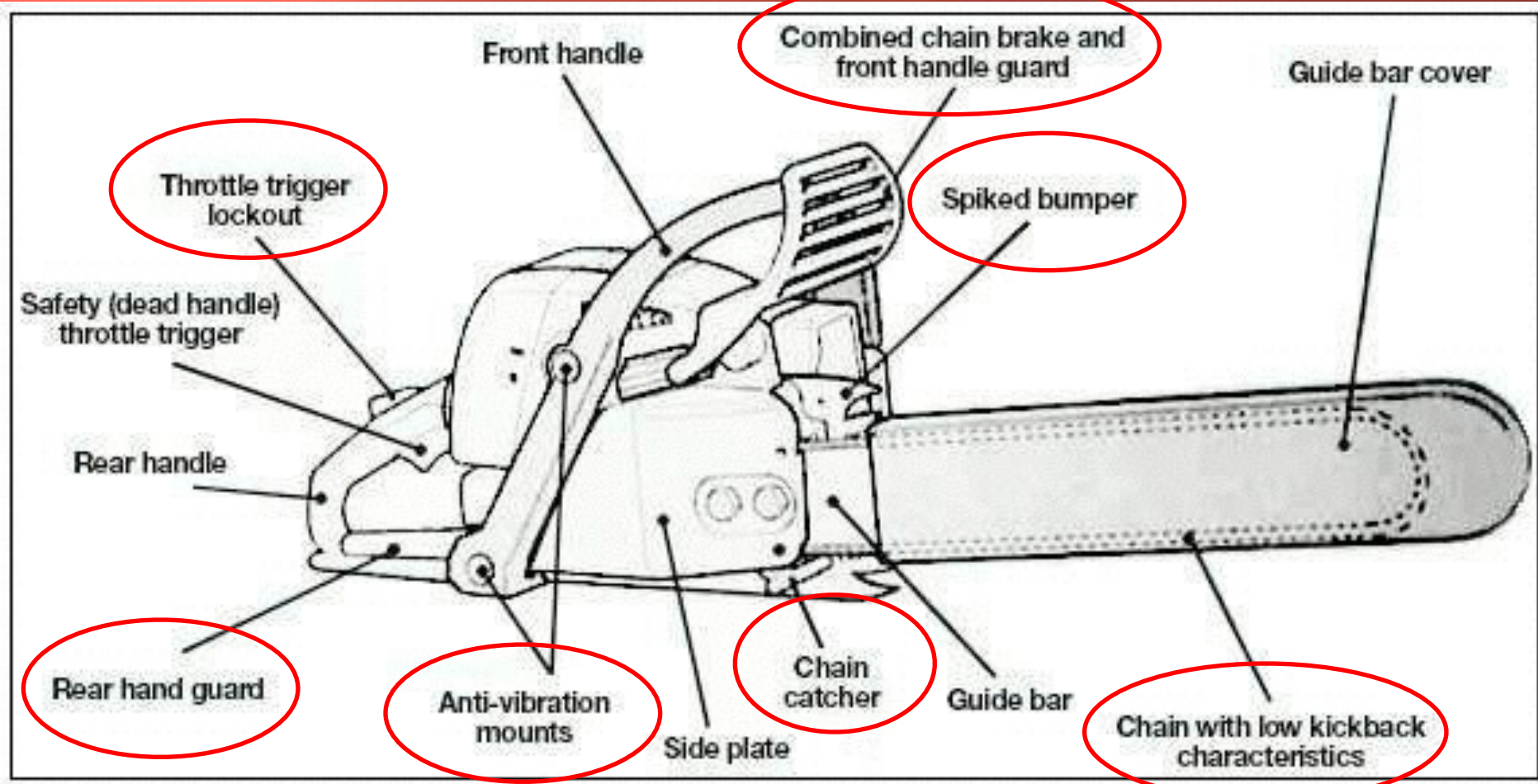
PRICELESS

SAFETY EQUIPMENT QUESTIONS ?

CHAINSAW SAFETY



▣ Chainsaw safety features



▣ Starting a saw

On the ground



Handle between knees



Chainsaw handling

- ▣ Hold the saw firmly with both hands.
- ▣ Always be aware of the location of the bar tip.
- ▣ Never let the nose of the guide bar contact any object.
- ▣ Do not cut limbs with the nose of the guide bar.
- ▣ Do not overreach.
- ▣ Do not cut above shoulder height.
- ▣ Begin cutting and continue at full throttle.
- ▣ Cut only one log at a time.
- ▣ Stand to the side of the cutting path of the chain saw
- ▣ Properly maintain the saw chain.

- ▣ Hot saw

 - Caution when putting a hot saw down.

 - Caution when refueling.

- ▣ Bar and chain

 - Use the proper bar for your saw.

 - Owner's manual.

- ▣ Sharpening

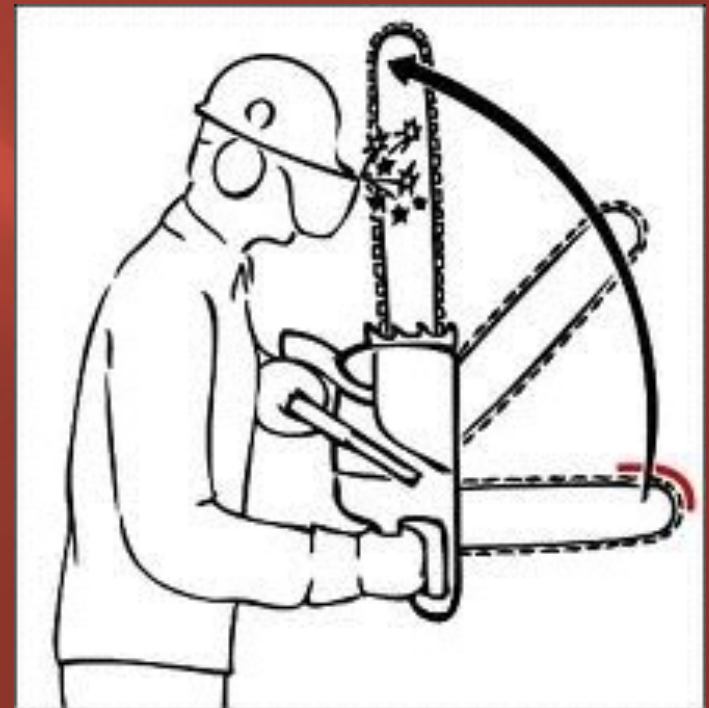
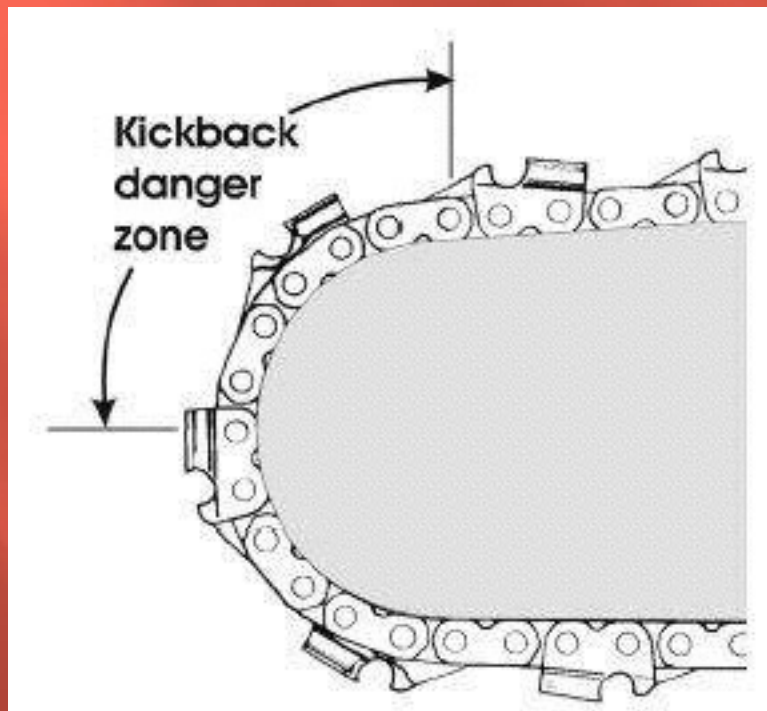
 - Owner manual.

 - Use the proper size guides and files.



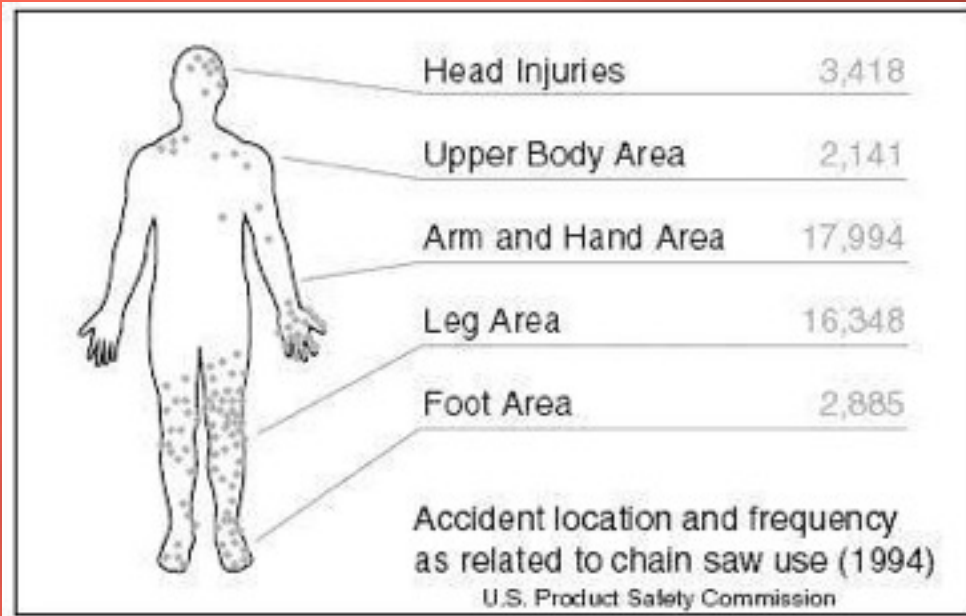
▣ Kick back

Top quarter of bar is the kick back zone,
Can be affected by sharpening, chain type, bar tip radius.



▣ Chainsaw injury

Total for 1994: 42,780



1994 : 42,780

2004 : 32,436

Accident location and frequency as related to chain saw use. Total for 2004: 32,436

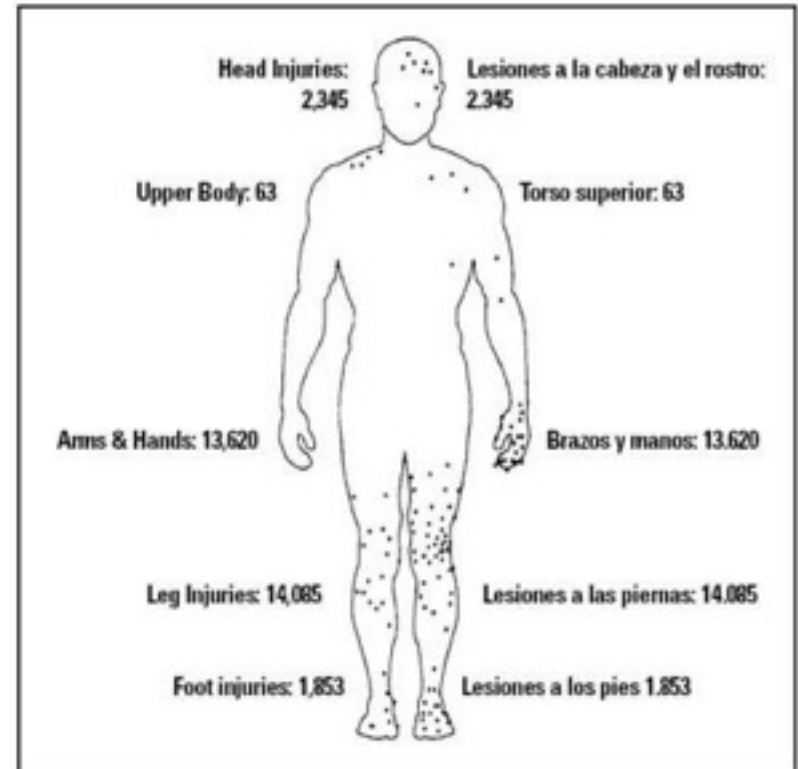


Chart developed by Gransfors Bruks based on 2004 statistics provided by U.S. Consumer Products Safety Commission

Tabla desarrollada por Gransfors Bruks según las estadísticas de 2004 de la Comisión de Seguridad de Productos de Consumo de EE.UU.

CHAINSAW SAFETY QUESTIONS ?

EQUIPMENT

- ▣ PPE

 - Ensure all safety equipment fits and used properly.

- ▣ Wedge / felling bar

 - Nylon or plastic wedges not steel

- ▣ Axe

- ▣ Fire suppression

 - Important for summer time cutting.

- ▣ First aid

- ▣ Saw and saw suitability

EQUIPMENT QUESTIONS ?

MAINTAINCE

- ▣ Sharpening

 - Shavings not powder.

 - Do not over file depth gauge.

- ▣ Bar oil

 - Summer or Winter

- ▣ Fuel mix

 - Proper ratio for your saw

- ▣ Cleaning the saw

- ▣ Inspect and test safety features

QUESTIONS ?