

# GRANBERG

gives you the edge

**GRANBERG**  
Chainsaw Accessories

## 12 VOLT Chainsaw Sharpeners



Thank you for purchasing another quality Granberg product. The Granberg Grind-N-Joint® was introduced over 30 years ago and set a new standard in chain sharpening speed and ease. Granberg 12 volt sharpeners are completely portable and all that is required is access to a 12 volt battery.

Restore your chain's edge on the job without having to return to the dealer or workshop for sharpening. A variety of grinding wheel sizes mean any make and model of saw can be sharpened quickly and accurately. Reduce your downtime, minimise wear and tear on your bar and sprocket, and keep a mirror-like edge on your saw chain with Granberg's Australian-made 12 volt sharpeners.

## GRINDING Wheels



### G417 – G421 Granberg Grinding Wheels

Coupled with your Granberg 12 volt grinder, premium Granberg brand grinding wheels make sharpening any chainsaw possible. Granberg grinding wheels are specifically designed to deliver maximum performance from your chainsaw and an ultra-fine edge to your saw chain.



### G440 Kool Grind

Kool Grind is a specially formulated lubricant for use with Granberg grinding wheels. Kool Grind will reduce heat, clogging and glazing and will also extend wheel life. Simply apply Kool Grind to the rotating wheel after every 2-3 cutters sharpened.

### Grinding Wheel Reference

Chain Type	Wheel Size	Product Code
1/4"	5/32" (4.0mm)	G417
3/8" Low-Profile	5/32" (4.0mm)	G417
0.325"	3/16" (4.8mm)	G418
3/8"	13/64" (5.2mm)	G421
0.404"	7/32" (5.5mm)	G419
Depth Gauges	1/4" (6.3mm)	G420

AS CUTTER IS REDUCED IN LENGTH,  
USE NEXT SMALLER GRINDING WHEEL

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✓ N14958

**GRANBERG CHAINSAW ACCESSORIES**  
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## IMPORTANT Information!

Use only G Brand Granberg grinding wheels together with Kool Grind cooling agent for superior results from your 12 volt grinder.  
Remember, Granberg products give you the edge!

# HOW TO GUIDE

## Sharp-N-Ezy & Grind-N-Joint



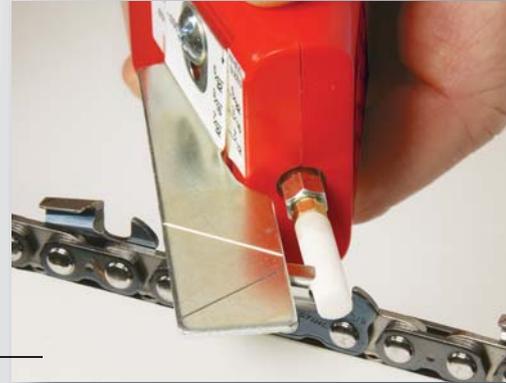
**1. INSERT PROPER GRINDING WHEEL** into mandrel, screwing in to finger tightness. See table on the back of this sheet or manufacturers filing instructions.



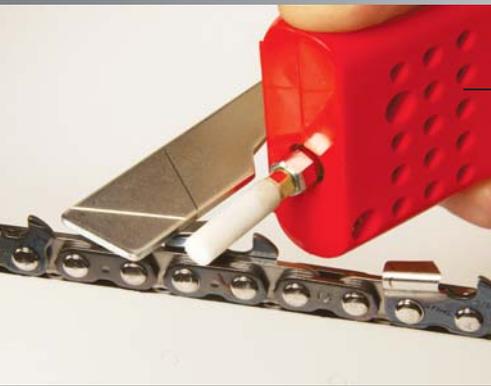
**2. LOOSEN SCREW ON HEIGHT PLATE FOR ADJUSTMENT.** Example: if 3/16 grinding wheel is used, then line up matching marks at 3/16 on wheel sizes gauge and tighten screw.



**3. ATTACH ALLIGATOR CLAMPS TO 12 VOLT BATTERY.** Red alligator clamp to positive pole(+), black alligator to negative pole(-). Activate switch to start grinder.



**4. PLACE GRINDING WHEEL INTO CUTTER** with height plate resting on top of cutter. Line up 30° angle mark parallel to bar. Stroke grinder back and forth gently (full length of stone) until cutter is sharp as shown.



**5. SHARPEN RIGHT AND LEFT HAND CUTTERS** from the same side of the bar as shown at 4 and 5.



**6. FOR COOLER GRINDING USE 'KOOL GRIND' LIBERALLY.** Generates less heat- stone clogging - extends stone and chain life. To use touch stick to rotating stone after every 3 or 4 cutters sharpened. Ask your dealer for G440 Kool Grind.

## Jointing (Lowering) Depth Gauges



**7. INSERT 1/4" STONE PROVIDED WITH GRINDER** into mandrel finger tight. Also insert #493 depth gauge into height plate as shown. Loosen height plate screw and set height plate scale to desired height. Line up marks and tighten screw. See example .030 aligns with .030



**8. REST GAUGE ON TWO CUTTERS AS SHOWN,** the one to be jointed and the one following. Start grinder and stroke back and forth gently to lower depth gauge to desired height. Lower all depth gauges from the same side of bar as shown.