



# Miter Gauge Safety Grip with Quick Clamp

Item No. 505625

## Introduction

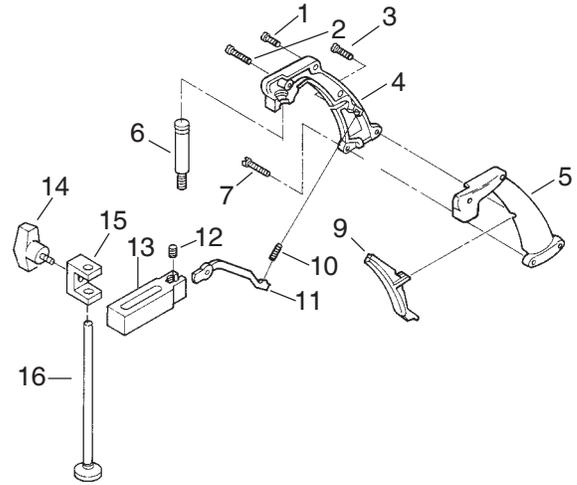
The Shopsmith Miter Gauge Safety Grip with Quick Clamp mounts on the Shopsmith Miter Gauge. The safety grip helps to improve safety, control and accuracy during sawing, sanding, drilling and boring operations. The quick clamp allows for rapid adjustment when using stock of varying thickness.

### WARNING

- READ, UNDERSTAND AND FOLLOW ALL the instructions in the Mark V, Bandsaw, and Belt Sander Owners Manuals whenever you use the miter gauge with the safety grip and quick clamp on these machines.
- Keep the Safety grip with quick clamp mounted on the miter gauge at all times.

## Installation

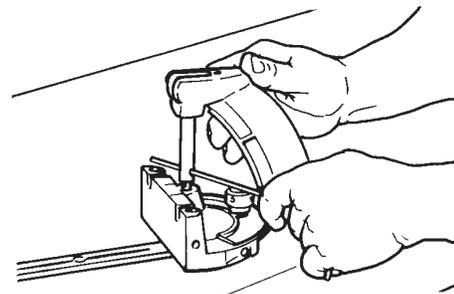
1. Remove screw (7).
2. Loosen screw (3) two turns.
3. With your fingers, start the safety grip stud (6) into the threaded hole in the top of the miter gauge protractor.
4. Tighten the stud by inserting a 5/32" Allen wrench into the hole in the stud and using the wrench like a lever, see Figure 2. Place screw (7) in grip and attach the grip to the back of the miter gauge. Tighten screw (7).



**Figure 1**  
Miter Gauge Safety Grip with Quick Clamp

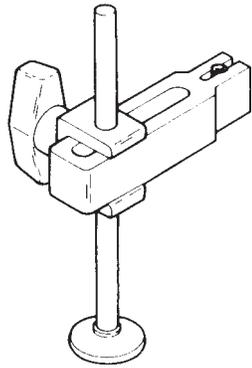
### Parts List

Ref. No.	Part No.	Item Description	Qty.
1	450213	Tapping Screw .....	1
2	450219	Tapping Screw .....	1
3	450217	Tapping Screw .....	1
4	5014699	Right Grip .....	1
5	5014689	Left Grip .....	1
6	501466	Grip Stud .....	1
7	132066	Machine Screw .....	1
8	not used		
9	5014659	Trigger .....	1
10	501467	Lever Spring .....	1
11	501464	Lever Lock .....	1
12	222458	Flat Point Setscrew .....	1
13	514250	Lock Guide .....	1
14	514310	Lock Knob .....	1
15	514252	Lock Clamp .....	1
16	514464	Rod and Shoe Assembly .....	1



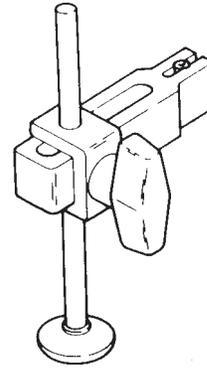
**Figure 2**  
Use 5/32" Allen wrench to tighten  
the safety grip stud

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5. Assemble lock knob (14), lock guide (13), setscrew (12) and rod & shoe assembly (16) into the lock clamp (15). For right-hand operation, assemble according to View A, see Figure 3. For left-hand op-



*View A - Right-Hand Operation*

- eration, assemble according to View B, see Figure 3.
6. Slide the quick clamp assembly onto the miter gauge safety grip and tighten setscrew (12).



*View B - Left-Hand Operation*

**Figure 3**  
**Assemble for right-hand and left-hand operation**

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### *How to Use*

The safety grip applies up to 5 pounds of force for every 1 pound you squeeze on the handle. The quick clamp can be adjusted to accommodate any size of stock up to 4-1/4" thick by simply loosening the lock knob (14) and raising or lowering the rod & shoe assembly (16).

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**Shopsmith Inc.**  
6530 Poe Avenue  
Dayton, Ohio 45414

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