



MODEL G8183 4½" Angle Grinder Stand INSTRUCTION SHEET

⚠ CAUTION

To reduce the risk of property damage or serious personal injury when using this grinder stand, take the following precautions:

- Never attempt to start or run a grinder on this grinder stand without using the grinder blade guard.
- Never use this grinder stand unless it is fastened to a metal workbench.
- Verify that the grinder is securely mounted before every use.
- All mounting studs must be secured against the grinder. If any mounting stud is loose, do not use the grinder stand until the correct grinder can be mounted. Otherwise the grinder could work loose causing personal injury.
- Always unplug the grinder before loosening and repositioning the grinder blade guard, or when making any other adjustments or checks.
- Never modify this grinder stand.
- Never allow children to play with or near the grinder stand.
- Often inspect all stand bolts, framework, the spring, and connections for looseness, cracks, or other damage.
- Never use this grinder at a location where grinding sparks may ignite flammable materials.
- Always wear safety goggles, respirator, and hearing protection when using this grinder stand.
- Never hold a workpiece by hand when using this grinder stand. Always secure the workpiece with the vise.

Inventory

Box 1: (Figure 1)	Qty
A. Lever Assembly	1
B. Base	1
C. Grinder Mount Assembly.....	1
D. Angle Jaw Assembly	1
E. Cam Jaw	1
F. Spark Shield Assembly	1
G. Lever.....	1

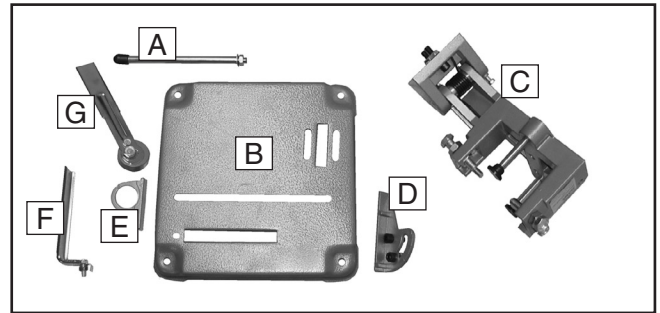


Figure 1. G8183 Inventory.

Specifications

Model: G8183 Angle Grinder Stand

- Maximum Grinder Size: 4½" Dia. Wheel
- Size: (L x W x H): 10" x 10" x 15"
- Net Weight: 4.7 lbs.

Base Assembly

1. Assemble the grinder stand in the locations shown in **Figure 2**.

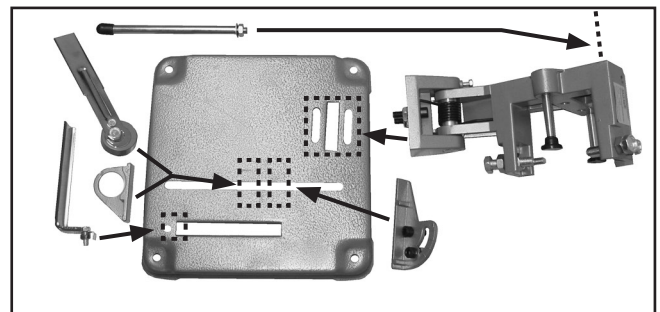


Figure 2. G8183 assembly locations.

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- Remove the lever on the eccentric, loosen the T-nut bolt so it is just finger tight, then rotate the cam so the threaded hole is at the 6 O'clock position as shown in **Figure 3**.

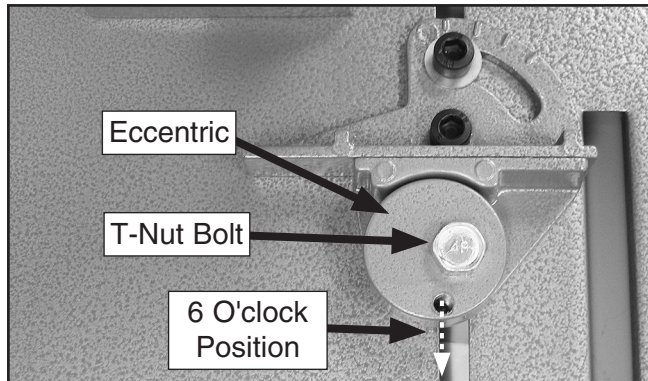


Figure 3. G8183 quick lock vise.

- Reinstall the lever, and move it to the left so the cam tightens and both vise jaws clamp together (**Figure 3**).

—If the lever does not clamp the vise jaws together firmly and stop approximately at the 8 O'clock position (**Figure 4**), repeat **Step 2**.

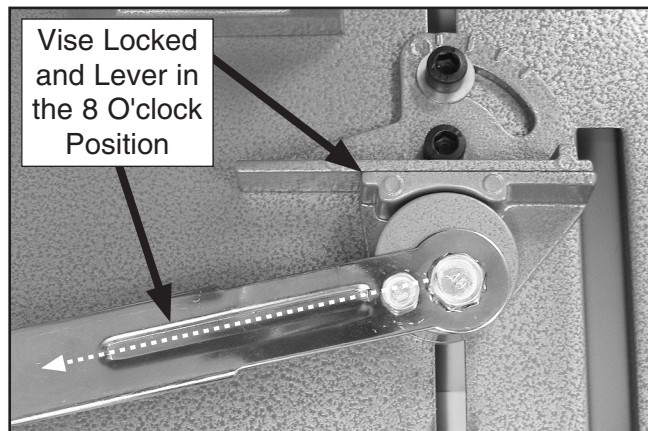


Figure 4. G8183 quick lock vise lever.

Grinder Installation

- Position the grinder so the abrasive blade will enter the slot in the base after the cut is made.
- Thread both pivot bolts completely into the holes in the grinder headstock and tighten the jam nuts (**Figure 5**). **Note:** *The hole may be larger in diameter than the pivot bolts because these pivot bolts merely serve as the pivot pins for when the grinder is adjusted in **Step 5**.*

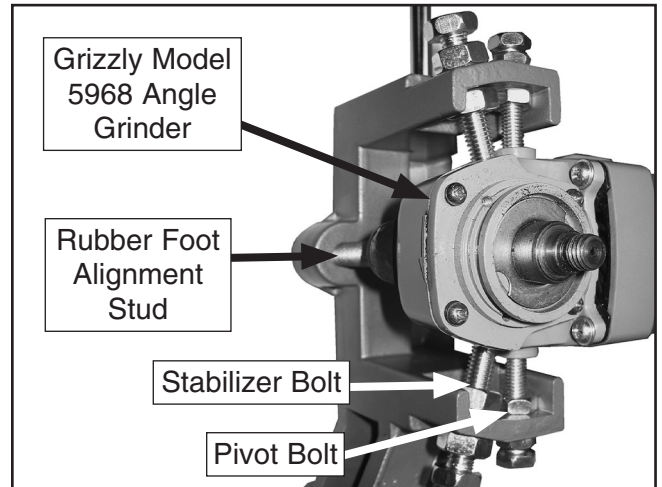


Figure 5. G8183 grinder mounting locations.

- Finger tighten both stabilizer bolts against the grinder headstock casting (**Figure 5**).

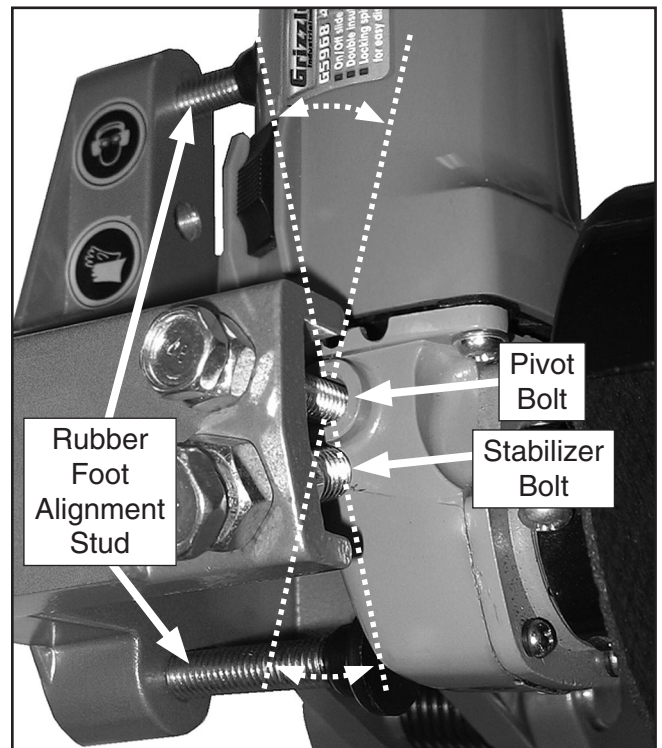
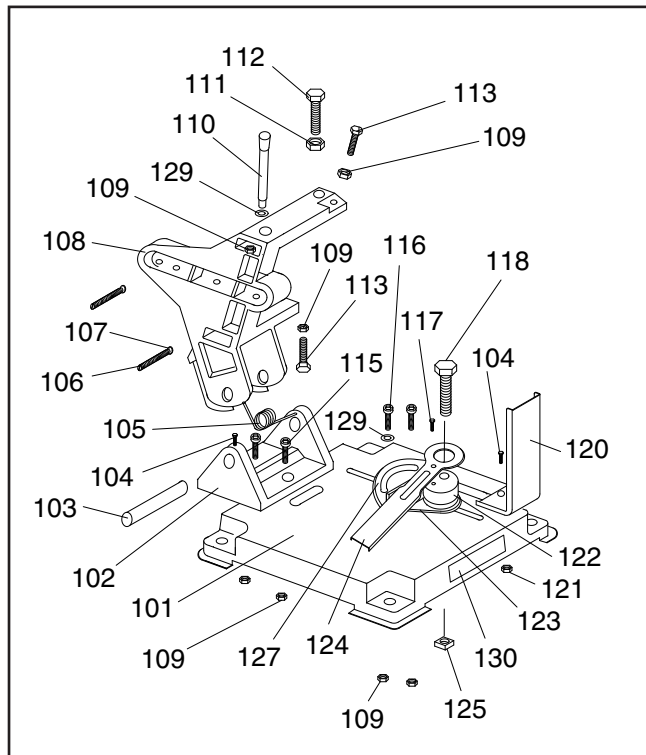


Figure 6. G8183 grinder alignment.

- Adjust the grinder blade guard so when the cut will be made, the guard is tilted for maximum user protection from sparks. Refer to your grinder owner's manual for guard positioning and spark safety requirements.
- Alternately thread both of the rubber-foot alignment studs against the grinder body to pivot the grinder into alignment for straight cuts (**Figure 6**).

Parts



Accessories

G7397—4" Cutoff Wheel. This type 1 aluminum oxide 60 grit cutoff wheel is what you will need for the Grizzly G5968 4" angle grinder. For other grinders, you may need one of the following:

MODEL	SIZE	BORE	GRIT
G7396	3" x 1/32"	1/4"	60
G7397	4" x 1/32"	3/8"	60
G7398	4" x 1/16"	1/2"	60
G7399	4 1/2" x 1/16"	7/8"	60

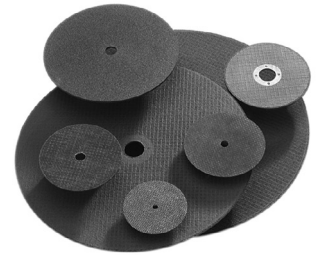


Figure 7. Grizzly cutoff wheels.

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REF	PART #	DESCRIPTION
101	P8183101	BASE
102	P8183102	GRINDER MOUNT BASE
103	P8183103	PIVOT PIN
104	PB83M	HEX BOLT M6-1 X 16
105	P8183105	TORSION SPRING
106	P8183106	STUD W/RUBBER FOOT
107	P8183107	RUBBER FOOT
108	P8183108	GRINDER MOUNT
109	PN03M	HEX NUT M8-1.25
110	P8183110	LEVER
111	PN02M	HEX NUT M10-1.5
112	PB116M	HEX BOLT M10-1.5 X 45
113	PB118M	HEX BOLT M8-1.25 X 45
115	PSB13M	CAP SCREW M8-1.25 X 30
116	PSB14M	CAP SCREW M8-1.25 X 20
117	PB04M	HEX BOLT M6-1 X 10
118	PB26M	HEX BOLT M8-1.25 X 30
120	P8183120	SPARK SHIELD
121	PN01M	HEX NUT M6-1
122	P8183122	ECCENTRIC
123	P8183123	SHIM BASE
124	P8183124	LEVER
125	P8183125	T-NUT M8-1.25
127	P8183127	ANGLE BASE
129	PW01M	FLAT WASHER 8MM
130	P8183130	WARNING LABEL

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