

Troubleshooting

Troubleshooting Guide - Electrical

PROBLEM	CAUSE	CORRECTIVE ACTION
Brake does not stop blade in about 5 seconds.	<ol style="list-style-type: none"> 1. Brushes not seated or lightly sticking or worn. 2. Motor overheated from use of dull blade/too heavy of a blade, not recommended accessory or rapid on/off cycling. 3. Blade bolt loose. 4. Other. 	<ul style="list-style-type: none"> - Inspect/clean or replace brushes (see Maintenance and Lubrication section). - Use sharp blade. - Use a recommended blade. - Let saw cool down. - Tighten blade bolt. - Authorized service.
Motor does not start.	<ol style="list-style-type: none"> 1. Check that unit is plugged in. 2. Power source fuse or time delay fuse. 3. Brushes worn. 4. Other. 	<ul style="list-style-type: none"> - Plug unit in. Use different outlet. - 15-Amp time delay fuse or circuit breaker. - See Motor Brush Replacement in the Maintenance and Lubrication section. - Authorized service.
Flash of light from motor endcap when switch is released.	Normal - brake working properly.	-

Troubleshooting

Troubleshooting Guide - General

PROBLEM	CAUSE	CORRECTIVE ACTION
Head assembly does not bevel to desired position.	<ol style="list-style-type: none"> 1. Bevel detent pin is engaged. and locks bevel angle at 33.9°. 2. Bevel range selector knob setting limits movement. 	<ul style="list-style-type: none"> - Pull out 33.9° bevel detent pin, then rotate pin 1/4 turn to keep out. - Change bevel range selector knob position (see page 41).
Blade hits table.	Misalignment.	- Authorized service.
Angle of cut not accurate.	Angle stops at 0° or 45° need adjustment.	- See Adjustments section (pages 20-25).
Cannot rotate table to change miter angle.	<ol style="list-style-type: none"> 1. Miter lock knob is tightened. 2. Miter detent lever is engaged with a detent (slot) in detent plate. 3. Sawdust accumulation. 	<ul style="list-style-type: none"> - Turn miter lock knob counterclockwise to loosen. - Pull up on miter detent lever to disengage from detent slot (see page 33). - Vacuum or blow out dust around turntable; wear eye protection.
Head assembly will not fully raise or blade guard will not fully close.	<ol style="list-style-type: none"> 1. Head assembly lock pin is engaged. 2. Cover plate not tightened after replacing blade. 3. Sawdust accumulation. 4. Sawdust accumulation. 	<ul style="list-style-type: none"> - Pull out lock pin, allowing head assembly to go up (see page 17). - See Removing and Installing Blades on pages 13-14. - Clean head assembly. - Authorized service.
Blade binds, jams, burns wood. Rough cuts.	<ol style="list-style-type: none"> 1. Improper operation. 2. Dull blade. 3. Improper blade. 4. Bent blade. 	<ul style="list-style-type: none"> - See Saw Operations section. - Replace or sharpen blade. - Replace with 12" diameter blade designed for material being cut. - Replace blade.
Head assembly slides forward and back when making a chop cut.	Mechanism lock lever is disengaged.	Pull up on mechanism lock lever tab to engage (see page 18).
Bevel angle is not securely held when bevel lock lever is pushed.	Bevel lock lever needs tension adjustment.	Increase bevel lock lever force by adjusting tension nut (see page 25).
Glide mechanism is difficult to move forward and back.	Glide movement controller is set too tight.	Loosen two screws on the movement controller (see page 17).

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Troubleshooting Guide - General

PROBLEM	CAUSE	CORRECTIVE ACTION
Tool vibrates or shakes.	1. Saw blade not round. 2. Saw blade damaged. 3. Saw blade loose. 4. Other	- Replace blade. - Replace blade. - Check that blade is properly seated on the inner washer. See Removing and Installing Blades on pages 13-14. - Authorized service.
Head assembly does not slide freely when attempting a slide cut.	Mechanism lock lever is engaged.	Push down on mechanism lock lever to disengage (see page 18).
Blade does not cut completely through workpiece.	1. Depth stop plate is pulled out for non-through cuts. 2. Replacement blade is less than 12" diameter.	- Push depth stop plate inward to set for full-depth cuts (see page 19). - Change to a blade that is fully 12" diameter.
Saw blade or lower guard cuts or contacts sliding fence when saw is set for bevel cuts.	Sliding fence is not moved out from path of saw blade before making bevel cut.	Move sliding fence to be clear of lower guard and saw blade; perform a "dry cut" to check for clearances before making bevel cuts (see page 41).
Bevel angle is not securely held when bevel lock lever is locked.	Bevel lock lever needs tension adjustment.	Increase bevel lock lever tension by adjusting lock nut (see page 25).

Accessories

DAF220K MiterFinder™ Digital Angle finder/Compound Cut Calculator/Protractor/Level – Gives you the information needed to position cuts so that they fit together precisely even if the room is out of square.

2610009331 Crown Stop Set – Correctly hold crown molding in an inclined position against fence. Set molding for simple vertical cutting – no compound cutting required.

T3B TracRac™ Portable Stand with Wheels
T4B Gravity-Rise Wheeled Miter Saw Stand