

**How is the new system different?** The roller/block high-performance blade guide system features a new 1-1/4" roller assembly with non-greasable bearings. The system also utilizes a dual wear guide block positioned above and below the blade. The idle side blade guide mounting block includes a nozzle fitting that lubricates the blade. This change keeps your blades cleaner, longer. And the mounting configuration on the new guides is designed for better stability and easier adjustment.

**Will I need to regularly replace the wear guide blocks?** While the wear guide block will not wear appreciably during normal operation. They need to be replaced when there is no more adjustment to them.

**Can I operate my sawmill without the block guides?** Yes, the sawmill can be operated without the block guides, if necessary. Simply remove the block assemblies (two bolts) and adjust the blade guide rollers for 1/4" blade deflection. Blade stability will be compromised.

**Can I use previously purchased blade guide rebuild kits to service the new blade guide rollers?** Yes, the new guide system uses the same bearing kits.

**How will the new system affect maintenance and alignment** No, maintenance is still the same.

The following blade guide alignment procedures should be modified:

- Deflect the blade down, with the blade guides, 1/4"
- The Guide Wear Blocks must be adjusted the proper distance (.008" - .010") from the blade. A .008" shim is provided to help achieve the proper spacing

**What if I use 1-1/2" blades?** The high-performance blade guide system is only available with 1-1/4" rollers. However, you can use your 1-1/2" blades with the 1-1/4" rollers or replace the rollers with your 1-1/2" rollers and still gain significant improvements in cutting accuracy and speed when compared to using the old-style 1-1/2" roller system.

**Is the installation difficult?** No, the installation is not difficult. You will need the following tools:

- 3/16" and 5/32" hex wrenches
- 7/16", 1/2" and 9/16" combination wrenches
- Ratchet wrench and 9/16" deep well socket
- Rubber mallet
- Blade guide alignment tool
- 18" steel ruler or measuring tape
- B57 blade wheel belts with less than 100 hours of use

After removing and replacing the guides, adjust the vertical and horizontal tilt. Each blade guide must be adjusted so the roller flange is the correct distance from the back edge of the blade and then you are ready to saw. Most people will be able to complete the retrofit in 4 hours or less.

**Do I need a LubeMizer with the new roller/block guides?** It is mandatory, that you use a LubeMizer with these guides. Minimally, LubeMizer additive part #ADD should be used to clean and lubricate the blade/guides.