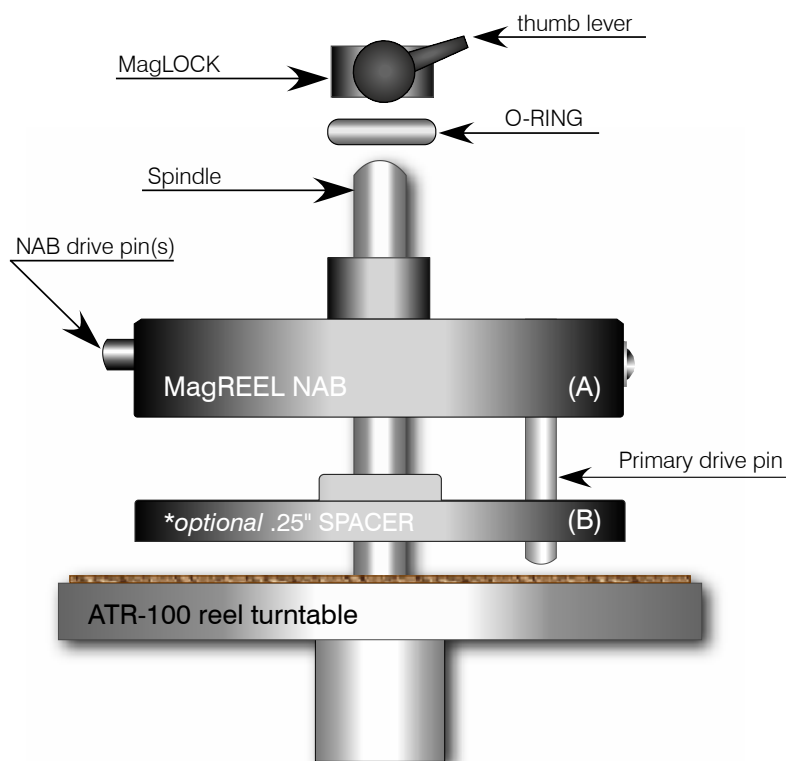


- For 1/4" application use only MagREEL NAB (A)
- For 1/2" application use MagREEL NAB (A) or optimally (A) plus *optional* .25" spacer (B)
- For 1.0" application use MagREEL NAB (A) plus optional .25" spacer (B)

There are two 3/16" holes through each ATR-100 turntable, any one of which is used to engage the **primary drive pin**. If the **spindle** is straight, the MagREEL will drop into either drive hole with equal ease. Most spindles have some error. Choose the hole with the least resistance. In rare cases, the spindle's error may be great enough to prevent the MagREEL from dropping at all. (Hint: *you may use a bit of persuasion but not enough to lock the MagREEL down.*) In this case, the spindle should be straightened or the turntable should be replaced. *FYI: we can straighten or repair most spindles for about \$60.00 per table.*



\*optional .25" SPACER available at [www.PrecisionMotorWorks.com](http://www.PrecisionMotorWorks.com)

To secure the MagREEL (and 1/4" spacer), it is often only necessary to use one of the provided **O-RINGS**. **TIP:** Clean & degrease the shaft before sliding the o-ring down the shaft. This will ensure that the rubber efficiently grips the steel spindle.

For most secure retention, use the provided **MagLOCK** (with or without the o-ring). In the "locked down" position, the nylon **thumb lever** should be close to the position shown. If not, simply flip the MagLOCK over. **TIP:** the MagLOCK is, by itself, a handy way to hold down those pesky little 7" plastic reels!

Once the MagREEL adapters are installed, place your reel anywhere over the MagREEL - no need to line up the **NAB drive pins**. Give the reel a spin and it will drop into position. Then, simply push so the reel "snaps" down to sit flat on the turntable surface. Nice & easy.

To remove a reel, place your hands on either side, rock it slightly and lift straight up. **TIP:** If you're using only o-ring retention, place your thumbs on the MagREEL to keep it seated.

**Important:** Due to wear or manufacturing inconsistency, certain NAB reels may have oversized center holes. You may experience some noise or "clanking" when the machine starts up or changes direction as the MagREELS are centering. Be assured this is normal and of no concern. Should it be excessive, please change reels.

It is unlikely that you'll ever have a problem with your new MagREELS NAB. *You could probably run over them with a truck and put them right back on the recorder.* In the event that something gets loose, or doesn't seem quite right, please contact us. MagREELS must be returned to us for inspection and/or repairs. If we're at fault, you'll get a replacement or repair at no charge (3 years, down the road). If it looks to us like you tried the "truck thing", well, let's just say "it'll be negotiable".

Happy tape recording and we hope you and your ATR-100 enjoy the new MagREELS™.