VPI VTA on the Fly Arm-Base

Setup and Instruction Manual

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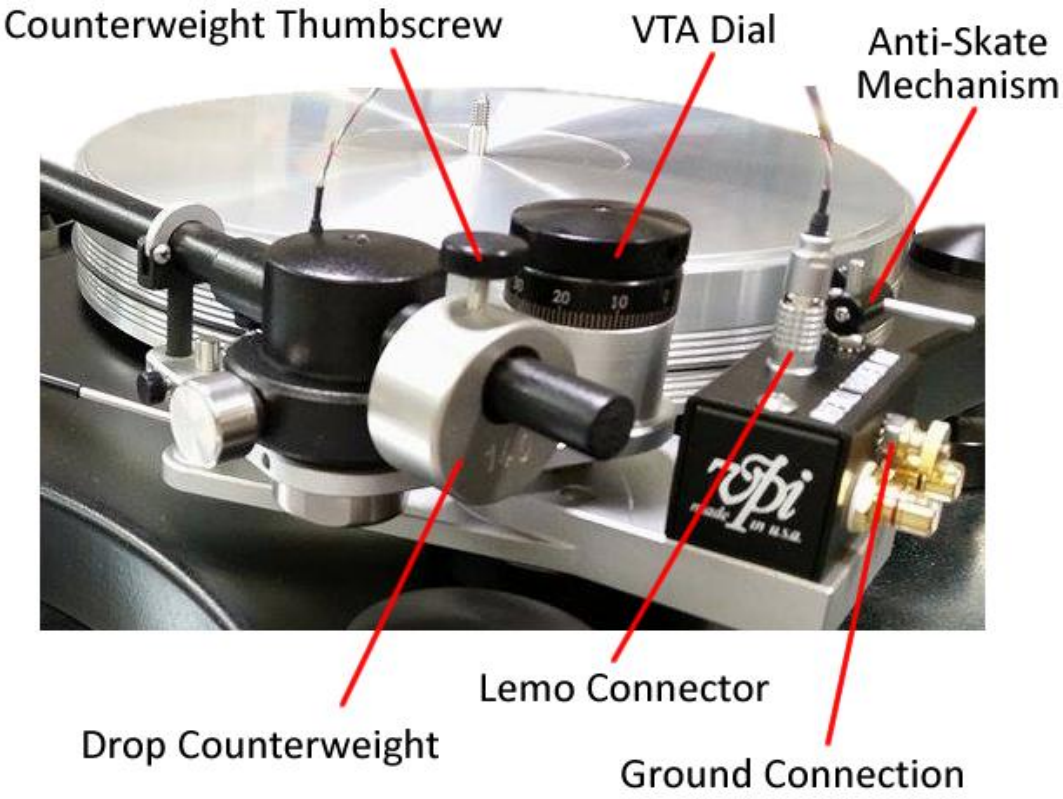
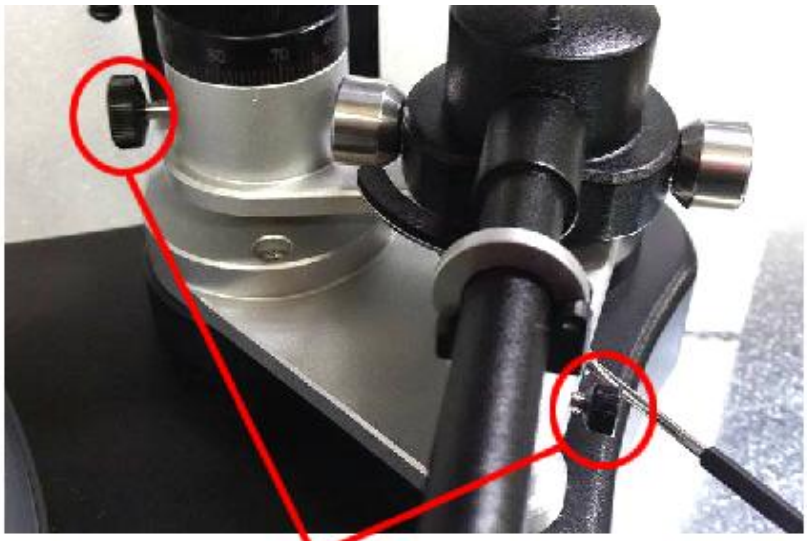
Setting the Tracking Force and Tonearm Height



Tracking force is adjusted by moving the tonearm counterweight forward and back on its shaft. If your cartridge is overly heavy and the counterweight is all the way back, you can order a heavier weight from your dealer. Half way back is fine as is the middle third of the stub.

The JMW Tonearm does not have a built-in tracking force gauge but we have supplied you with a quality digital tracking force gauge if we did not mount a cartridge for you.

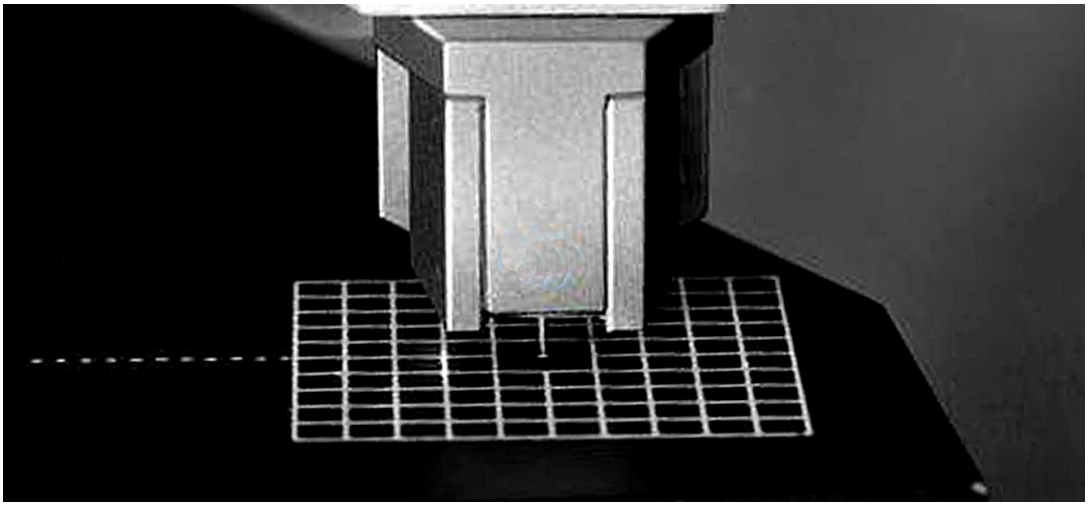
- Place the gauge on the platter (no record).
- Loosen the two black thumb screws in the base of the tonearm and raise the arm so it looks parallel to the platter when it is on the stylus force gauge. When the arm is at the desired height, lightly tighten the thumbscrews.
- If you do not make the arm parallel when doing this you will be between .2 to .4 grams light or heavy when you are on the record. THIS IS VERY IMPORTANT!!
- Set the tracking force according to the cartridge manufacturer's recommendation. We recommend always going to the high side of tracking force. High frequency vibrations on a light-tracking cartridge can cause more damage to the grooves of a record than running a cartridge at a heavy setting. We usually recommend .1 gram higher than the max tracking force if you are not using anti-skate (recommended way of setting). This does not apply to Lyra cartridges that sound best at 1.73 to 1.76 grams tracking force with or without anti-skate.
- Put a record on the platter and using the VTA tower lower the arm so it is parallel to the record. Now you will be tracking at the force you set and not a lighter force.



Loosen these two screws to
adjust VTA and tighten when set

Setting the Azimuth

- Using the supplied aluminum rod or a fireplace match or coffee stirrer (something light and about 6" long) place one of them into the groove behind the mounting screws on the tonearm headshell.
- If it is not level loosen the thumbscrew on the drop counterweight and rotate the counterweight around the shaft until the headshell is parallel to the record. Be careful not to change the tracking force setting.
- With the new 3D arm on the Prime you can also rotate the side weights for even finer azimuth adjustment, this lets you leave the tracking force as set. You want the rod to be parallel to the record.



Setting the Anti-Skating – Two Solutions

- VPI does not support the need to have anti-skate but does respect the customer's interest in having it enabled. Therefore we provide a mechanism for anti-skate and the option of engaging it.
- For normal music listening all the anti-skate you need will be supplied by the lead out wire of the tonearm to junction box unless you are using test records and measuring sine waves. For music listening the push back of the wire is ideal for anti-skate.
- We supply mechanical anti-skate for those who require it.

⚠ **If you try adjusting the anti-skate with a groove less record, you will ruin the twist in the tonearm wire and void your warranty. Do this with the mechanical anti-skate if you want that much anti-skate.**