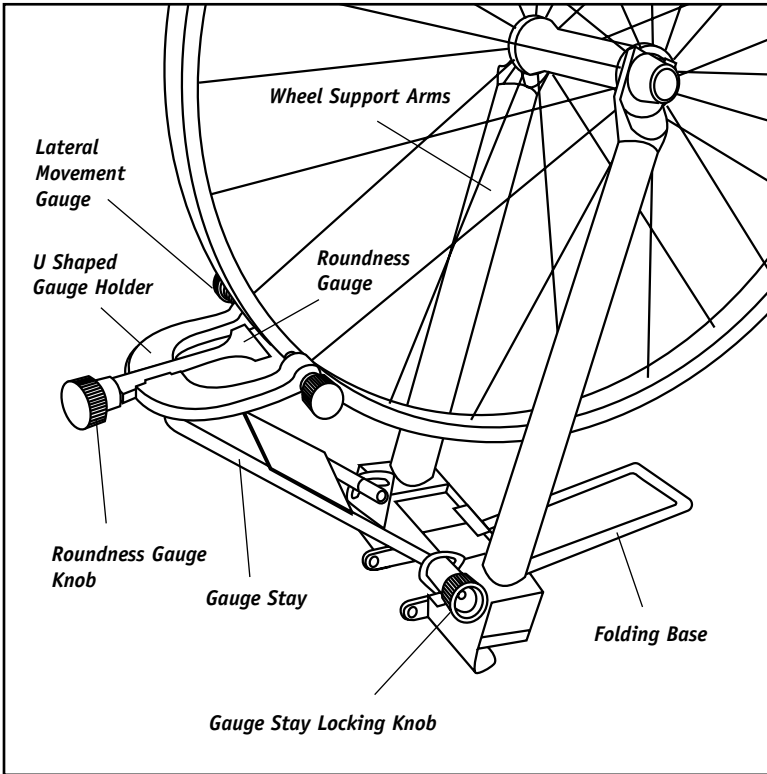




W H E E L T R U I N G S T A N D

Parts of the Truing Stand:



Thank you for choosing the Spin Doctor Truing Stand. This stand will allow you to adjust both wheel trueness (side to side motion) and roundness.

Truing Stand Overview:

This truing stand can be used to build a new wheel or to align an existing wheel. For technical information on proper procedures for building or truing wheels, consult a reputable repair manual.

The best way to properly true a wheel is with the tire and tube removed. This way, you can accurately evaluate and correct wheel roundness. However, the Spin Doctor Truing Stand can be used to check side to side movement with the tire in place. Please see *Truing With a Tire Installed*.

Set Up:

1. Rotate the folding base fully from its folded position (approximately 270 degrees)
2. Rotate the Gauge Stay Assembly fully from its folded position. It may be necessary to loosen the Gauge Stay Locking Knob.
3. Adjust the wheel support arms to fit the width of your hub. Grasp each arm and pull them apart or push them toward each other. Drop the wheel into place and firmly push both Wheel Support Arms against the hub axle locking nuts, making sure axle ends are resting at the bottom of the slots on the Wheel Support Arms. Both arms will move together at the same time. Do not clamp the quick release skewer closed as this may damage the tips of the wheel support arms.
4. Raise the Gauge Stay as necessary to allow the side to side and roundness gauges to be positioned for truing the wheel in the truing stand. The U shaped Gauge Holder can also be rotated on the Gauge Stay as necessary to achieve the proper position.
5. Install the square plastic plate onto the Gauge Stay or the base, as preferred, by pressing it firmly into place. This will give you a contrasting background making it easier to see minor deviations from trueness.

Centering your Truing Stand:

The U shaped gauge holder can be centered by one of two methods.

1. Install a wheel that is known to be centered correctly. Observe the rim's position relative to the markings on the Roundness Gauge. Move the Gauge Holder left or right (if necessary, slightly loosen the two 3mm hex bolts that attach the Gauge Holder to the Gauge Stay) such that the rim is centered according to the center line on the Roundness Gauge and then snug down both of the hex bolts. Or,
2. Use the Spin Doctor Truing Stand Alignment tool, (item #00-8158) available separately. Loosen the plastic knobs on either end of the Alignment Tool, and place those ends in the axle supports at the top of the Wheel support arms. Rotate the Alignment Tool until the arrow on the tool is resting on the Roundness Gauge. Tighten the Alignment Tool knobs and check the lateral position of the Roundness Gauge. Move the Gauge Holder left or right (if necessary, slightly loosen the two 3mm hex bolts that attach the Gauge Holder to the Gauge Stay) as necessary to have the arrow line up with the center line on the gauge and then snug down the hex bolts.

Truing With A Tire Installed:

While you cannot accurately check the roundness of a wheel with the tire installed, you can adjust lateral movement. You will need to adjust your Spin Doctor Truing Stand to true a wheel with a tire installed.

Road bike wheels: Loosen the knob at the bottom of the roundness gauge until there is enough clearance for the wheel and tire.

ATB wheels: Loosen the knob at the bottom of the roundness gauge until the gauge can be pulled out of the U-shape gauge holder. With the roundness gauge pulled toward you out of the gauge holder, continue to loosen the knob until it is free of the captured nut. Be careful not to lose the spring.

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