

UGS Platform

Instruction Manual

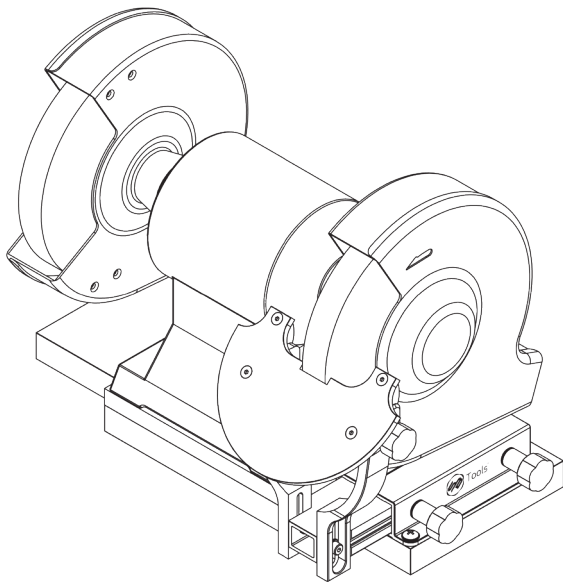
For all UGS Platform
shapes and sizes



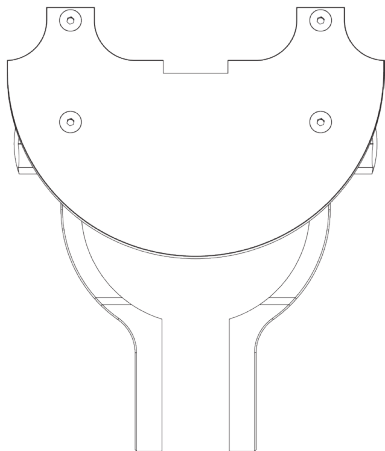
MADE IN THE USA



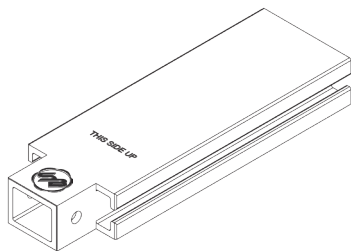
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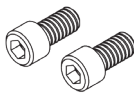
In the box:



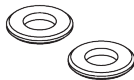
UGS Platform System
(shape and size varies)



Base Connector

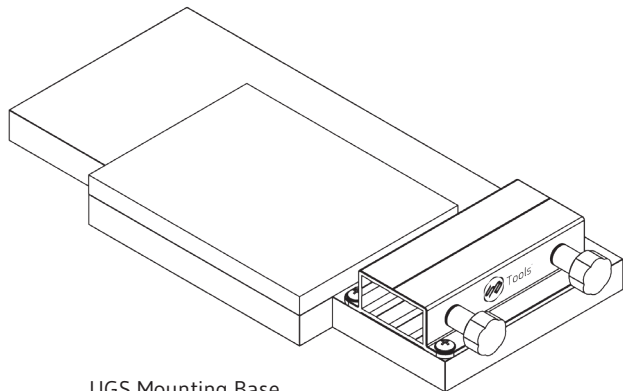


Two 1/4" connector bolts



Two 1/4" washers

You will need:

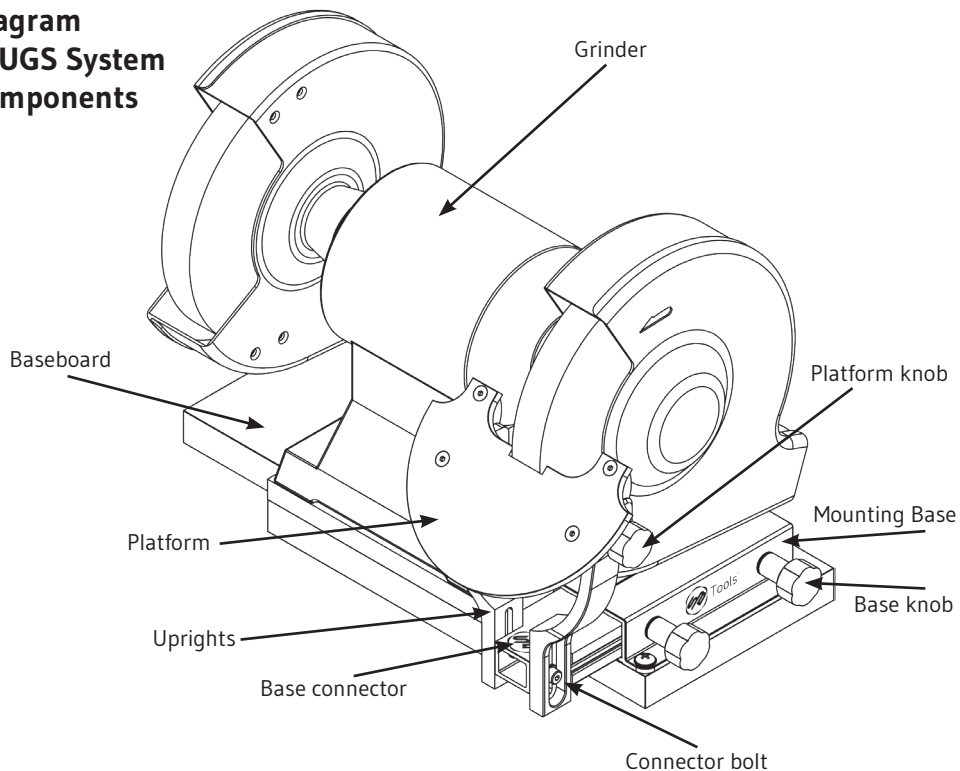


UGS Mounting Base
(Sold Separately. Refer to
Mounting Base instructions.)



3/16" Allen
Wrench

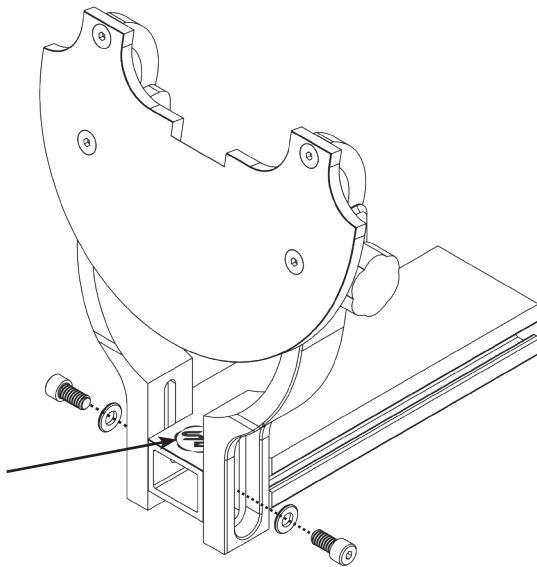
Diagram of UGS System Components



Step 1: Attach Uprights to Connector

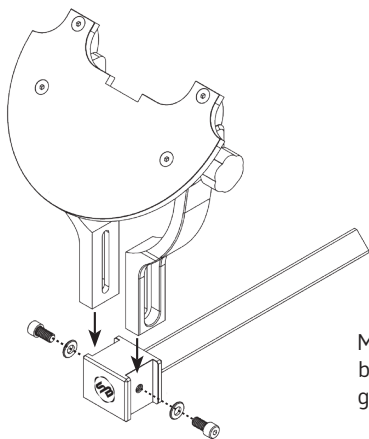
Keep the platform in its vertical position with the platform knobs tight. Attach the uprights to the connector with the two supplied 1/4" connector bolts. Do not fully tighten the bolts so the platform can be positioned vertically.

Note: When bolting the uprights to the connector, keep the logo facing up, toward the platform.

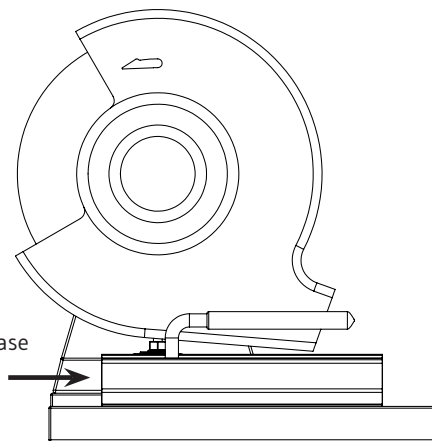


OPTIONAL: FOR USE WITH ONEWAY WOLVERINE BASE ONLY

The Adaptor for OneWay Wolverine Base (sold separately) allows you to use the UGS Platforms with OneWay's Wolverine Base. Attach the uprights to the Adaptor with the two supplied 1/4" connector bolts, as shown below. Do not fully tighten the bolts so the platform can be positioned vertically (Step 3).



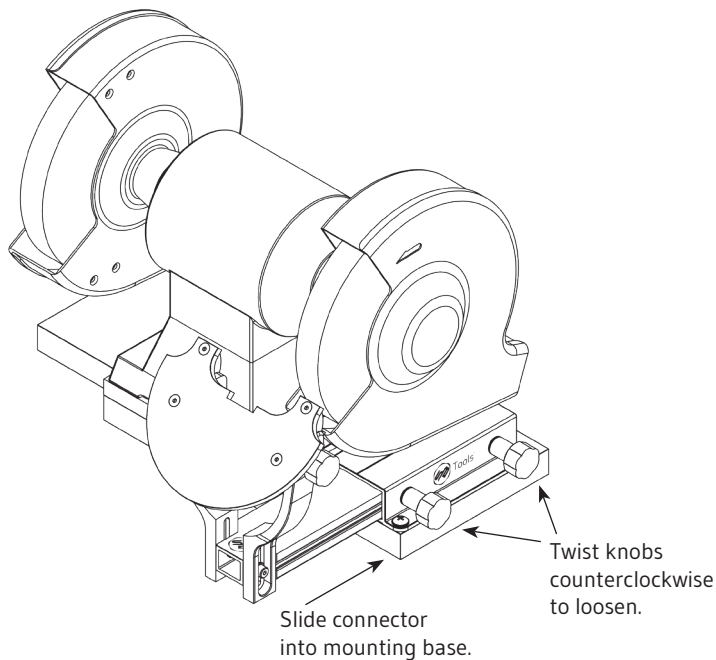
Move OneWay Base
back behind
grinding wheel



For correct positioning of the platform, move the OneWay Base back, as shown below. This will not affect the use of any OneWay accessories. Make sure the OneWay Base is positioned so the platform remains centered on the wheel.

Step 2: Slide Connector into Base

Loosen the knobs on UGS Mounting Base (sold separately) and slide the connector into the base.



Step 3 - Adjust Height

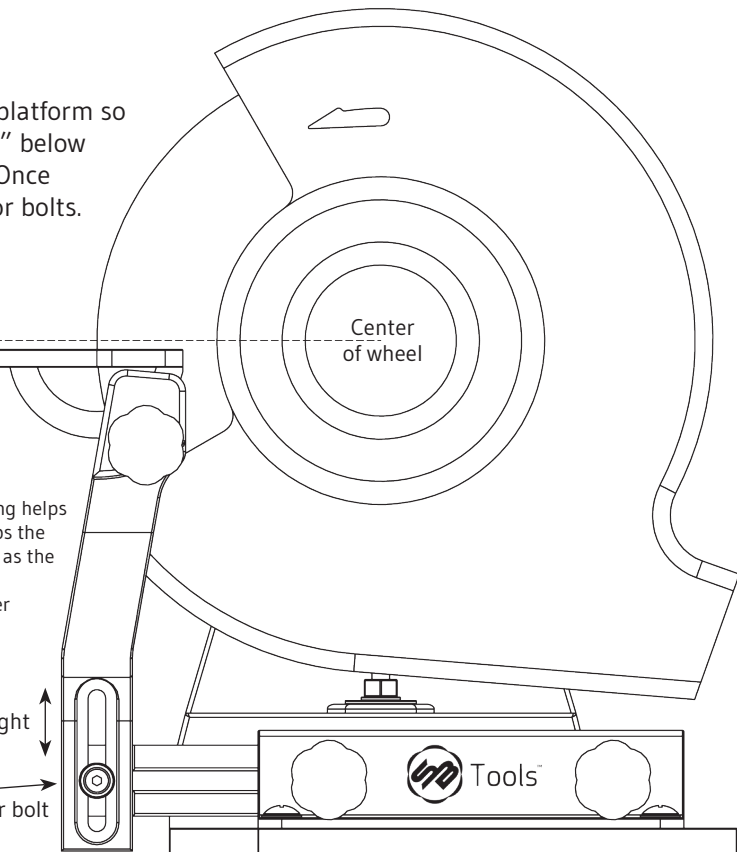
Adjust the height of the platform so it sits approximately $\frac{1}{8}$ " below the center of the wheel. Once set, tighten the connector bolts.

Position platform $\frac{1}{8}$ " below center of wheel.

NOTE: This suggested $\frac{1}{8}$ " setting helps center $\frac{1}{4}$ " thick tools. This keeps the platform in its optimum position as the grinding wheel wears down. For significantly thicker or thinner tools adjust the platform height accordingly.

Adjust height

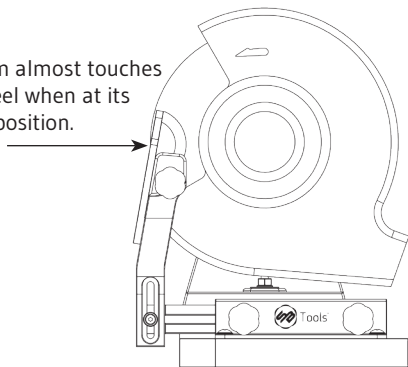
Connector bolt



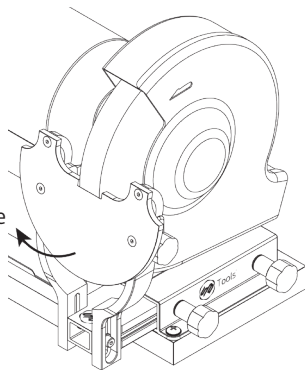
Step 4: Adjust Laterally

Begin with the platform vertical so it is touching the front of the uprights. Slide the platform system until it is almost touching the grinding surface. Loosen the platform knobs and rotate the platform to ensure it will not interfere with the wheel at all other angles. If the wheel is still in contact with the platform at any point, move the platform system away from the wheel by a small amount. Tighten the Mounting Base knobs to secure the platform system in place.

Platform almost touches the wheel when at its lowest position.



Check for interference

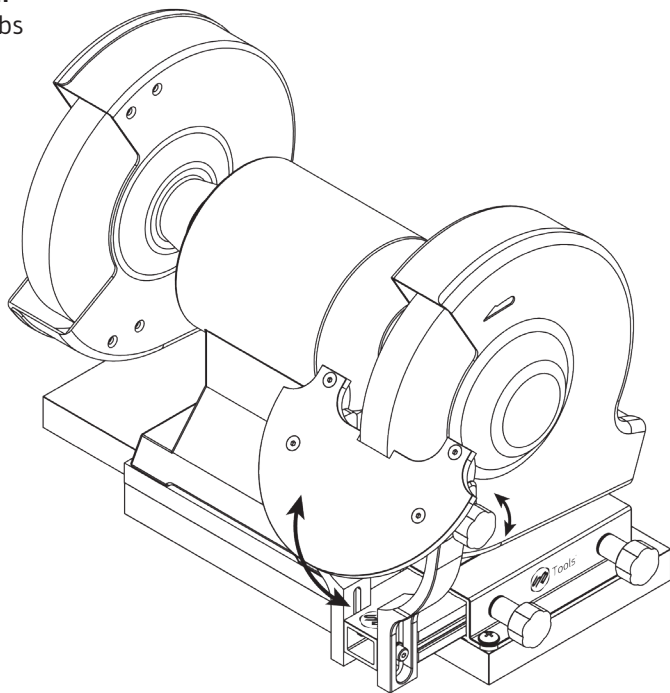


Using your UGS Platform

Loosen the platform knobs
then rotate the platform
to the desired angle.

Tighten knobs to lock
platform in place.

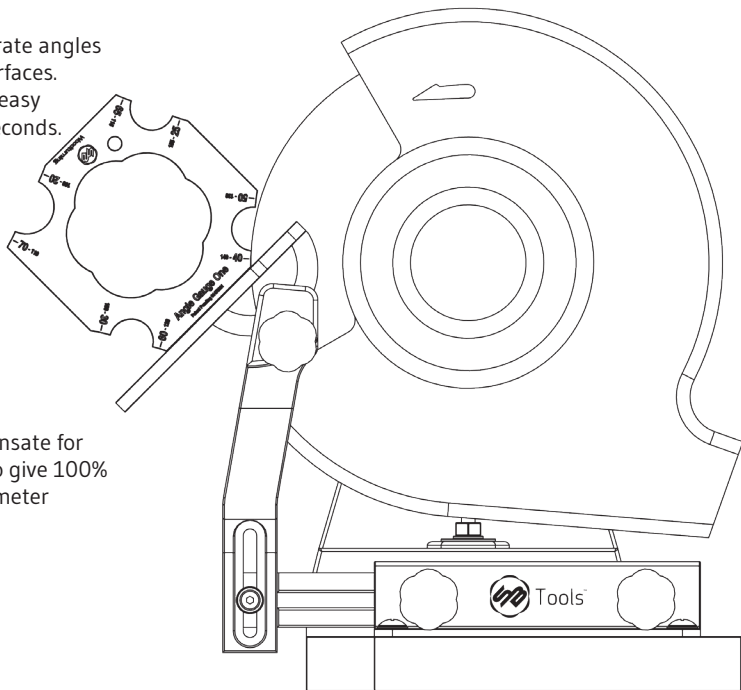
No tools necessary.



The **SB Tools Angle Gauges** are the perfect companions for the **Universal Grinding System**.

SB Angle Gauges set accurate angles on both curved and flat surfaces. The gauges are quick and easy to use, setting angles in seconds.

Our unique gauges compensate for the curvature of a wheel to give 100% accurate angles on 8" diameter wheels, and less than 1° variance on 6" and 10" diameter wheels.



*More information about
SB Tools, how-to videos and
downloadable information available
at woodturning.org.*



ToolsTM
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