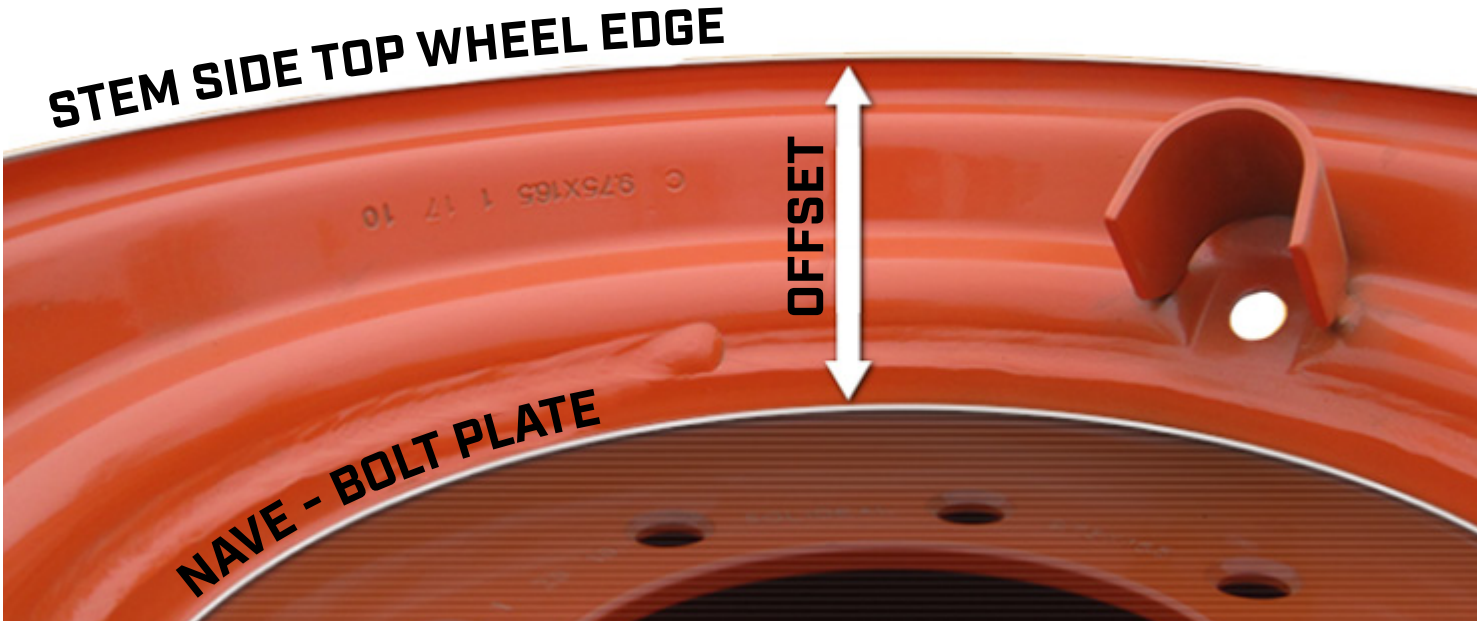
HOW TO MEASURE WHEEL OFFSET



To help determine you **skid steer wheel offset** we put together a quick guide on how to accurately determine your wheel offset before purchasing. It's easy to assume that all skid steer wheels have the same nave plate (bolt plate) depth as the other, but unfortunately this is not always true. Although some skid steer machines share a standard size wheel, it;s best to measure this for ourselves to assure that we are providing you with a wheel that is designed for your machine.

In the image to the right you can see we used a straight edge (1x4 board in this example) to lay across the top of our skid steer wheel with the valve stem facing upward. Next we use a measuring tape to determine the distance between the nave (bolt plate) and the bottom edge of our board that is resting on top of our wheel. We measure this in inches not millimeters. Doing this will allow us to accurately supply you with the correct wheel for your machine.

The terms **Inset** and **Outset** are used to describe how much a wheel mounting surface differs from the centerline of the skid steel wheel.

When the skid steer wheel mounting surface is positioned off of the centerline and toward the machine, the wheel is outset. This causes the tire to move away from (out from) the side of the machine.

When the wheel mounting surface is positioned off of the centerline and away from the machine, the wheel is inset. This causes the tire to move toward (inward) the side of the machine as diagrammed below.