

The tilt bucket sensor now operates in a 'single axis' mode, similarly to the boom/stick/dogbone sensors. This means the sensor needs to be positioned so that the arrow is rotating around the axis that it is trying to measure, i.e, the bucket rotating around the tilt cylinder.

So, to achieve this the sensor must be mounted so that the centerline of the sensor through the arrow is perpendicular to the tilt cylinder. It is also important to ensure flat surface is both perpendicular and square to this axis (the flat surface pictured is generally fairly standard across "most" common tilt bucket manufactures) as to not introduce any form of rotational measurement error.

The Trimble tilt bucket sensor operates in a similar mode and requires the same mount location so this shouldn't be an issue in most cases.

On a tilt hitch, this works fairly well because the sensor can always just be on the back of the protection plate that moves with the tilt cylinder on the hitch itself.

Please give me a call when going through the initial sensor setup process, but this should be enough to be able to plan welding and cabling

Thanks

