

JOST Hubodometer, selection and fitment.

Hubodometers are used to determine the kilometers covered by the trailer. Trucks are supplied standard with odometers which provides an indication of how many kilometers the truck has done and when to service the truck based on kilometers covered.

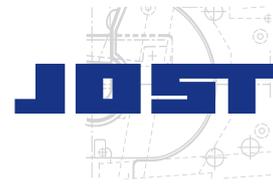


Trailers do not have odometers and do not necessarily stay hitched to one particular truck tractor, how many kilometers has your trailer done, and are you servicing the trailer at adequate intervals? The JOST hubodometer is an inexpensive solution to determine kilometers covered by the trailer from date of fitment.

The hubodmeter's prime function is to count revolutions of the hub it is fitted to. Herein lies the problem, not all wheels are the same size which means that one hubodometer does not fit all.

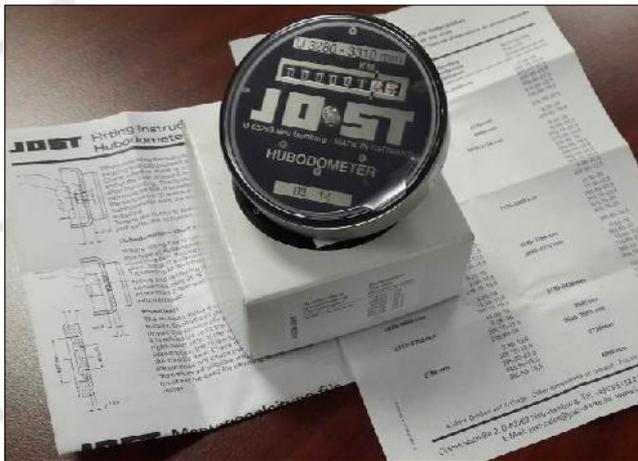


Therefore we have hubodometers for a range of tyre sizes. Larger tyre sizes will do fewer revolutions over a measured distance compared to smaller tyres which will do more revolutions over the same distance. Hubodomers are geared to cater for the circumference of the wheel it is fitted to and it translates the revolutions made by that particular size of tyre into kilometers covered.



This is a table of hubodometers in stock at JOST to cover the most common tyre sizes used in South Africa. More sizes are available on request.

Every JOST hubodometer is supplied in a box with fitting instructions and a list of tyre sizes to match the correct hubodometer to the circumference of that tyre size.



Hubodometer part number / rolling circumference	Tyre size
J2712-2750	10.00-15
	7.00-20
	9.00-16
	285.70-19.5
	275.80-18
	215.75-22.5
J3175-3220	10.00-20
	11.00-22.5
	14.8-22.5
	295.80-22.5
	315.75-22.5
	375.70-20
	405.70-20
J3240-3260	385.65-22.5
	15.00-22.5
	18.00-19.5
J3280-3310	11.00-20
	14.80-20
	365.80-20
	12.00-22.5
	315.80-22.5
	365.70-22.5
	365.80-22.5



The JOST hubodometer needs to be fitted on the right hand side of the vehicle on the centre most axle of the axle group. The hubodometer has to be fitted dead center; oscillations caused by an un-balanced fitment will impair service life and the accuracy of the unit.

Make sure that there is enough clearance to leave at least 6mm from the hubodometer bolt to the end of the axle after fitment of the hub cap.

The contact surface of the hub cap needs to be flat. Drill a concentric 13mm hole in the hub cap. Install the hubodometer with spring washer and nut supplied.

Torque the nut to strictly 15Nm maximum, this is sufficient to flatten the spring washer, exceeding this torque setting will distort the hubodometer casing and render it useless.

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For more information or comments on this bulletin please contact Christo de Clerk at: christo@jost.co.za / 082 774 9808