

Jost Ballrace Maintenance

ISSUE TB14-06

Replaces Technical Buletins: TB08-05 & TB10-03

Greasing

Ballraces are shipped with transit grease only and have to be fully greased before being put into service.

Grease Type - use a Lithium complex grease, consistency NLGI 2-3 (BPW ECO-Li plus recommended). A minimum of 600 grams of grease is required for the initial grease fill and for servicing. After filling with grease a continuous bead of grease must be seen around the circumference of the gaps or rubber dust seals (low maintenance models). Whilst greasing the ballrace must be turned 30 degrees left and right

Greasing Interval

On highway

 Off highway²

 Off highway Extreme³

Standard

8,000 km or monthly

Every 2 weeks

Weekly

Low maintenance¹ (W type)

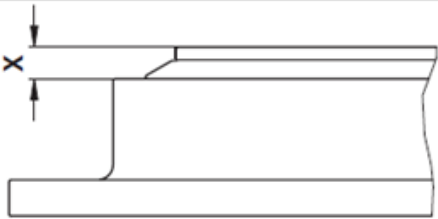
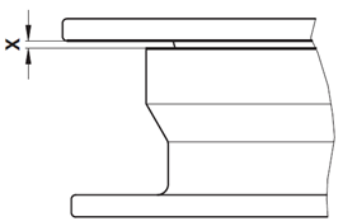
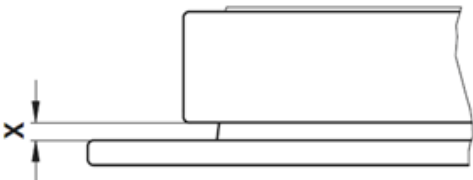
300,000 km or 3 years

100,000 km or 1 year

50,000 km or 6 months

Avoid directing high pressure water or steam jets at bearing gaps - must be re-greased after intensive cleaning.

Wear Limits

KDL 900 / 900W		Maximum axial wear 3.5mm (reached when dimension X is 7.5mm or less)
KLK HE, HE / W and SO, SO / W		Non W type Maximum axial wear 3.5mm (reached when dimension X is 0.0mm) W type Maximum axial wear 3.5mm (reached when dimension X is 2.2mm or less)
KLK L or N		Maximum axial wear 2.5mm (reached when dimension X is 1.0mm or less)

The bolt torque must be checked every 25000Km or at least every 3 months, except in extreme applications when they should be checked more frequently.

¹ Has a green type plate. Initial maintenance free period is stated, after this period the ballrace should be greased at the same frequency as the standard type.

² Includes vehicles used on any gravel roads

³ Logging/Livestock