

MAINTENANCE INSTRUCTIONS

FOR THE ORIGINAL K80® BALL COUPLING SYSTEM FROM SCHARMÜLLER

1. Cleanliness:

Clean the ball from dirt and hard-dried grease residues before coupling. The lubrication-cross inside of the K80® towing spoon must be cleaned aswell.

2. Lubrication:

If the ball coupling is in daily use, it must be lubricated once daily. The lubrication can be done directly on the K80® ball or via the grease nipple on the underside of the K80® ball or also on the towing spoon.

For centralized lubrication systems, the current function of the lubrication must be ensured. Lithium soap greases of the NLGI class 2 with EP additives according to DIN 51825 are recommended as lubricating greases.

3. Covering Cap K80® (Part.Nr.: 10.730.800.0):

If the K80® ball is not used, attach the blue cap. It protects the hardened surface of the ball from dirt, rockfall and other damage.

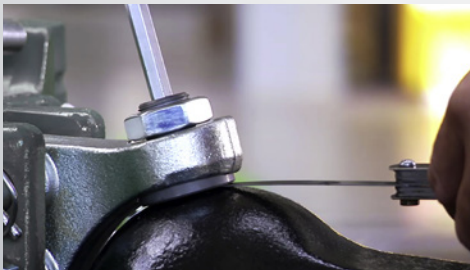
4. Foam Ring K80® (Part.Nr.: 20.412.000):

The foam ring on the neck of the K80® ball prevents the ingress of dirt and dust. dirt/dust + lubricant = emery paste. This rubs the hardened surface of the ball over time and thus promotes wear.

5. Keeper adjustment:

The clearance between the K80® towing spoon and the adjustment screw should be set to max. 0.5mm. It is also important to pay attention to towing spoons from different manufacturers. Here we recommend the use of Scharmüller K80® towing spoons with Scharmüller K80® ball coupling systems.

A not adjusted keeper will result in dissimilar wear of the K80® ball and the K80® ball spoon and may result in damage to the coupling system or disconnection of the trailer or the attached work machine, in case of spontaneous negative vertical loads. After an accident or disconnection, the K80® keeper has to be replaced.



◀ Clearance 0,5 mm



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