

T.I. Nr.: 2020 - 14 Aktualisiert: -	Thema: Product Optimization Spindle Drive 33.2670.7000
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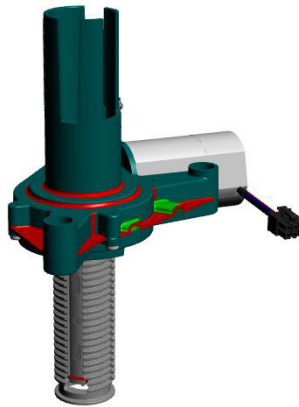
Date: 06/05/2020	Priority	Need for action
Affected machines: Schaerer Barista	High	As soon as possible
From serial number: See series and spare parts solution	Medium	On next visit to the machine
As of date: Immediately	X Low	X FYI only

OPTIMISATIONS

From the field it was reported that in a few individual cases the spindle drive broke. In order to avoid broken spindle drives, two optimizations were implemented. These measures increase the mounting and functional safety of the machine.

Optimization 1 – Spindle drive 33.2670.700

The housing of the spindle drive 33.2670.7000 was reinforced in order to be able to resist higher forces even in the event of a defect. The red marked areas show the optimizations:



Serial- and Spare Part Solution

The optimization was introduced in series with the following serial numbers:

13223 - 13236, 13238 and so on

The spare parts stock has been cleaned up - all orders received from now on will be served by the optimized version.

The new spindle drive is compatible with the previous version without any further measures and can therefore be used 1:1. If you have spare spindle drives in stock you can use them up.

TECHNICIAN INFORMATION

Please note the instructions and information on optimization 2 on the following page in case of replacement.

A general exchange of fully functional spindle drives is **not** recommended!

Advice concerning exchange of a defective spindle drive

As it cannot be excluded that in the case of a broken spindle drive, one or more fastening screws may have been damaged, we recommend that they also be replaced.

If the retrofitting to the new fastening screw has not yet been carried out on the machine concerned, this must be done when the spindle drive is replaced. See section Optimization 2 below.

Optimization 2 – Optimization Fixation Brewer Drive

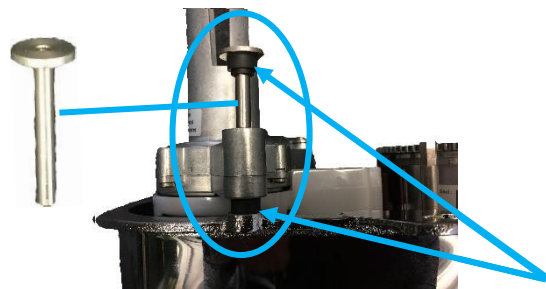
The previous fastening screws for the brewer drive could break at a too strong fastening torque (> 1Nm) and thus a change of the complete portafilter support might be required.

The fastening screws have been replaced by distance sleeves with M4x40 DIN-hexagon socket screws (dimensioned for stronger fastening torques).

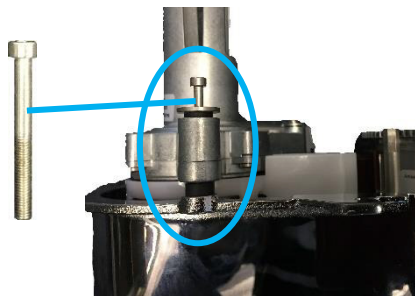
For fixation of the brewer drive the distance sleeve with rubber bushing first needs to be inserted into the hole of the brewer drive and then screwed onto the portafilter support with the M4x40 DIN screw. During mounting of the distance sleeve it is important to pay attention that the upper and lower rubber bushing is plugged onto the distance sleeve. The M4x40 DIN-hexagon socket screw is tightened by a fastening torque of 3Nm.

Missing rubber sleeves lead to damage of the spindle drive!

Distance sleeve



DIN screw



Rubber sleeve

Serial- and Spare Part Solution

The new distance sleeve with M4x40 DIN-screw has been introduced with the following serial numbers in series:

Serial-no.: **5212-5214, 5217, 5218, 5220-5224, 5233-5236, 5238 and the following**

For spare part supply a screw set has been created. This screw set includes three distance sleeves and three M4x40 DIN screws each. Thus you require for retrofitting of a brewer drive one screw set each.

Spare part number: **33.2924.0000 -> Screw set brewer drive**