

T.I. no.: 2016 - 08 Updated: -	Topic: BU motor, SCA P booster connections, PEEK steam wand
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Date: 28/9/2016	Priority	Need for action
Affected machines: SCA P, SCC, TWIN, E6	High	As soon as possible
From serial number: -	X Medium	X On next visit to the machine
As of date: See entry	Low	FYI only

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INTRODUCTION

This technical information applies for SCA P and various coffee machines with the 065006 brewing unit drive motor.

NEW FUNCTIONS AND FIXED ERRORS

The following is an overview of new machines and functions:

New machine components:

- New plug connections on SCA P booster
- New connection on the brewing valve
- Replacement for PEEK steam wand
- New scale on 65006 brewing unit drive motor for various coffee machines

Resulting optimizations:

- Increased lifetime of the drive motor of the brewing unit due to the cyclical torsion of the driver.
- Simplified installation of SCA P booster.

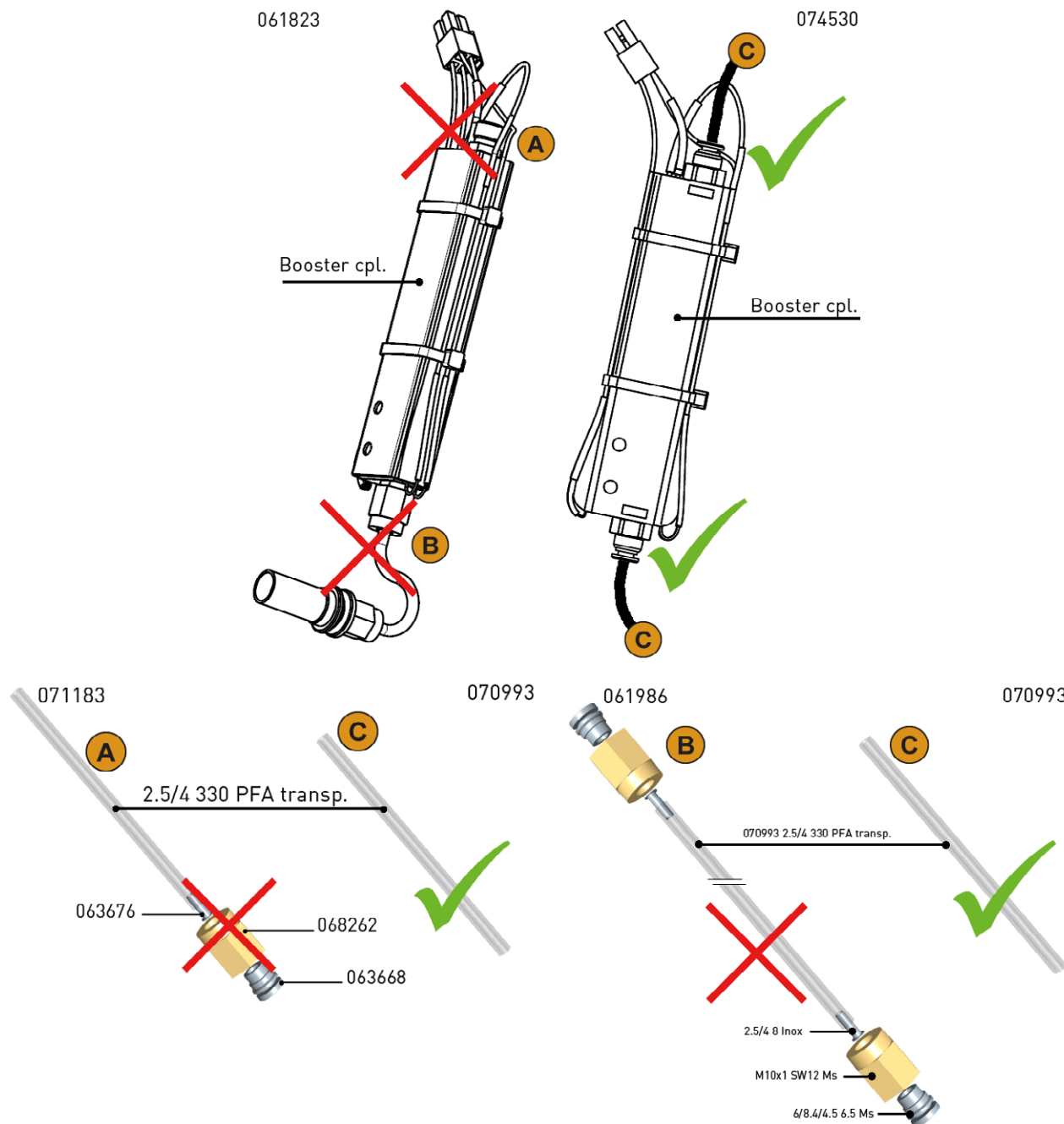
New plug connections on SCA P booster

The screw connections on the booster make installing the coffee machine more difficult. From CW29, the booster will have new plug connections. The supply and drainage pipes must be replaced so these new connections can be used.

- Booster 061823 (Index h) will be replaced by 074530 booster
- Pipe 071183 will be replaced by hose 070993 (90 mm)
- Pipe 061986 will be replaced by hose 070993 (330 mm)

Note:

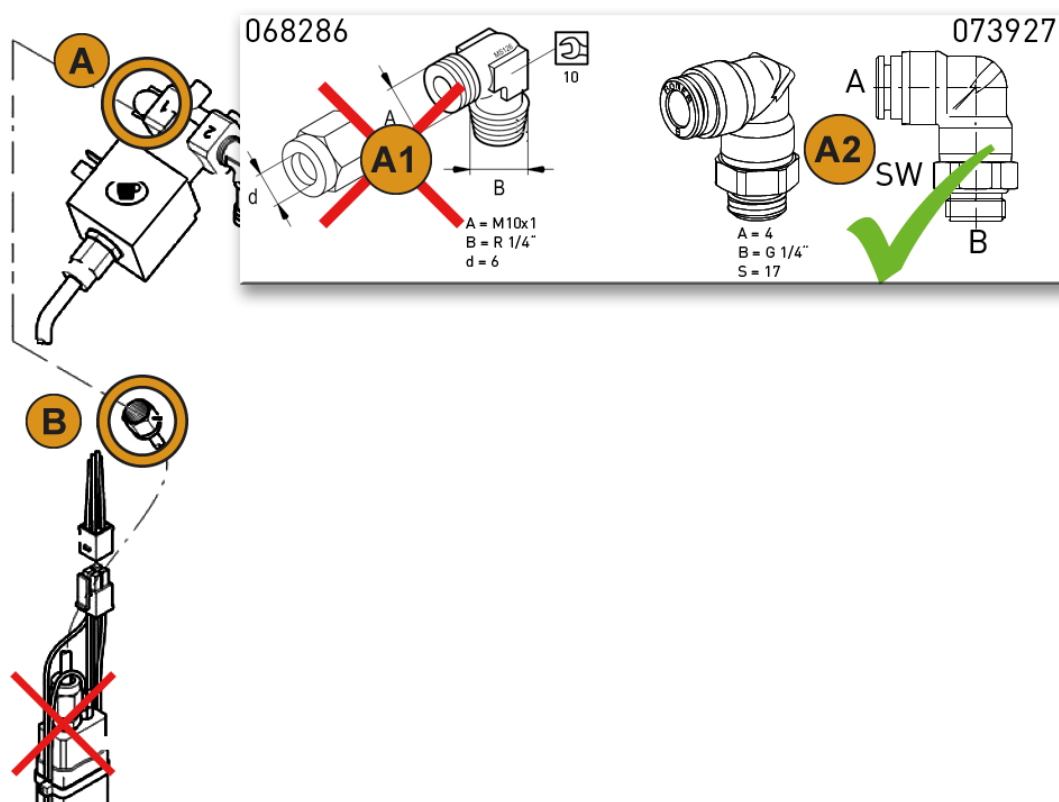
TWIN machines will continue to have the 061823 booster



New SCA P booster brewing valve connection

Installing the hose connection from the elbow screw-in fitting (A) to the booster (B) is time-intensive. The hose connection will be replaced by plug connections from CW29. The prerequisite is the new 074530 booster with plug connections.

- Elbow screw fitting 068286 6 M10x1 R1/4" SW 10 Ms will be replaced by elbow screw fitting 073927 4 G1/4 SW17 (Römer 930-P3-4FF-1/4)



Replacement for PEEK steam wand

The PEEK steam wand (069993) will be replaced by two new parts. The new steam wand is made of Noryl plastic in an injection moulding process and produced in two versions.

- 068704
- 068703 (only for the US)

Version 068704 features a ribbed gripping area; the additional hand protection (069749) is therefore eliminated. Version 068703 for the US does not feature a ribbed gripping area and will continue to be available in the US with the grip (061868).

New scale on the brewing unit drive motor (SCA P, SCC, TWIN and E6)

The driver (C) is turned by 1/8 rotations compared to the brewing unit after 30,000 lifting movements so that drive motor 065006 (Index b) is uniformly loaded (motor angle of rotation). The prerequisite is that mark [A] is set to [1] when installing the drive motor. The scale will be available on the drive motor from CW35. The lifting movement counter must be checked during every maintenance process. If applicable, the driver must be adjusted.

It is important to remember the brewing position during removal, or to remove the brewing unit in home position.

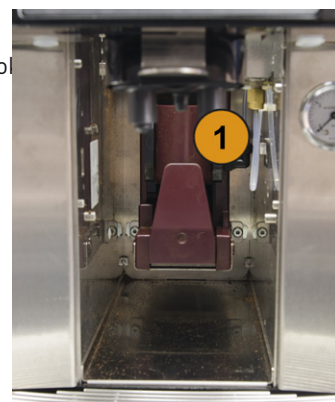
- Machines: SCA, SCA P, SCC, TWIN and E6

Mark for re-installation or replacement:

- ▶ Switch on the machine and let the brewing unit initialise 1 time.
- ▶ Switch the machine off.
- ▶ Set marking [A] to (1) on the motor with a water-resistant felt-tip marker.

Check during maintenance:

- ▶ Check counter status for the number of lifting movements.
- ▶ After 30,000 lifting movements, rotate the brewing unit.
- ▶ Move brewing unit into home position (reset machine, e.g. by restarting it).
- ▶ Remove the brewing unit from of the machine.
- ▶ Turn driver (C) 1/8 rotations until mark [A] is at the next numbering (B).
- ▶ Reinsert the brewing unit in home position.
- ▶ Enter adjustment, including the last counter status, in the machine's maintenance book



The brewing unit cannot be moved because a mistake was made during removal:

- ▶ Remember brewing cylinder position (1).
- ▶ Remove the brewing unit.
- ▶ Turn driver (C) 1/8 rotations until mark [A] is at the next numbering (B).
- ▶ Reinsert the brewing unit into the machine.
The brewing unit must be in the same position as during removal.

