

**PROBLEM WITH INEFFICIENT SPIN CYCLE IN FRONT LOADED WASHING MACHINE WITH EWX14
MAINBOARD AND EMC14 MOTOR CONTROL BOARD**

DESCRIPTION:

After the washing cycle, user notices that clothes are still wet (insufficiently centrifuged). In some cases alarm 'EF5' may be stored in electronic board memory

SOLUTION:

Please follow the procedure below.

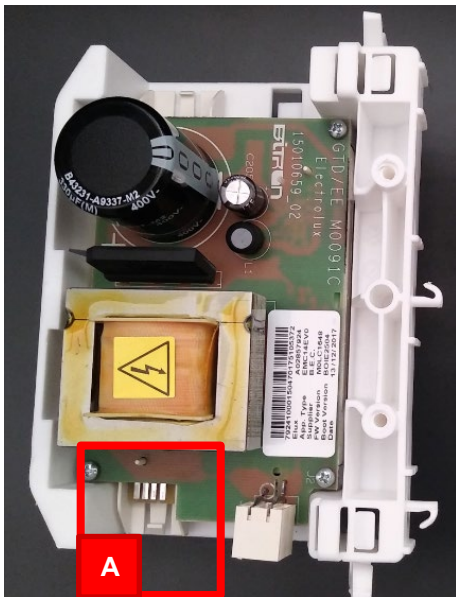
1 Use SideKick to reprogram main electronic board with latest software.

IMPORTANT: Update Sidekick before performing this action to have the latest required update available. If the software update did not solve the issue, please go to [step 2](#).

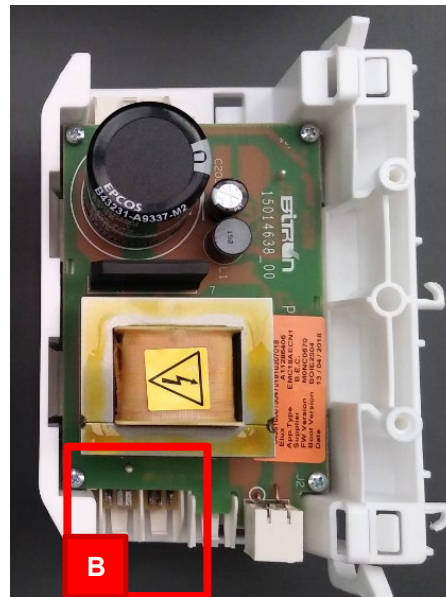
2 Order and replace below parts (only if [step 1](#) did not solve the issue)

140112864065 or 3792689303	Inverter,electronic board,assembly,EMC18EVO,800W,CIM
140122353018	Harness,motor control,main electronic board,1170mm

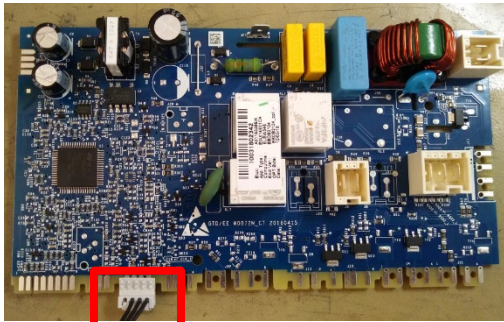
2a Reprogram PCB from previous ELC EMC14 to **ELC EMC18** (see [Table 1](#) in attachment)



A OLD EMC14 Motor board

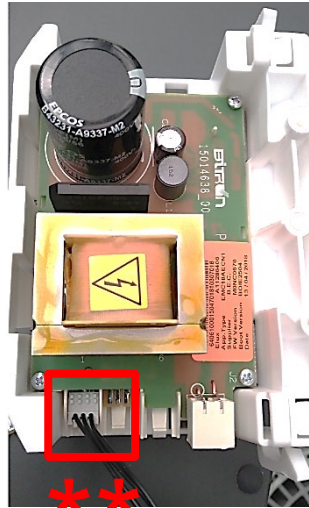


B NEW EMC18 Motor board



*

PCB EWX14

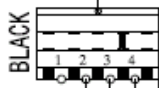


NEW EMC18 Motor board

140112864065 or 3792689303
 Inverter, electronic board, assembly,
 EMC18EVO,800W,CIM

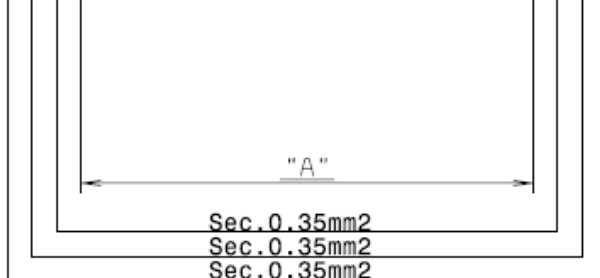
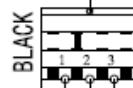
*
 MAIN BOARD EWX14
 J16-J14

RAST 2.5



EMC18

RAST 2.5



140122353018 Harness,motor control,main electronic board,1170mm

QES CODE:

During the intervention please use work codes:

Component	G10	607 Main control PCB
Defect	G10	31 Software fault

In the section for Tech. Comments, depending of the test result start the description with the following:

- Machine reconfigured, EF5 alarm appeared
- Machine reconfigured, alarm did not appear machine does not spin

MODELS INVOLVED:

Front loaded washing machines with EWX14 mainboard and EMC14 motor control board.
The **Table 1** in attachment provides a list PNC/ELC where PCB update can be performed.

REVISION:

Revision	Date	Description	Author	Approved by – on
00	02/2018	Document Creation	Marcin Pluta	Adam Stoma – 28.02.2019