

Service-Bulletin

Washing machines

599 522 112 EN

Toploader

Program abort fault display EA0 / fault memory EA6 with program start

Cause: After program start a check is performed during the first 30 seconds whether the drum lid is closed correctly or not. Due to too big distances from the magnet (DSP) to the reed switch there is no influence of the metal strip in the belt pulley. No impulses are passed on to the electronic. The electronic does not detect a drum rotation and stops the program indicating fault EA0 and fault memory EA6.

- Measure:**
- 1.) In case of a service you have to install a new DSP no. 146822100/5 as first measure. Furthermore, you have to check all plugs at the main electronic. Afterwards you must perform a function test of the LED drum positioning by turning the drum manually to position. With appliances without LED drum positioning you have to check the pass-through directly at the plugs of the DSP. If the function test was not successful, continue as described under point 2.
 - 2.) 3 spacer washers, no. 899859118910/2 are laid under between tub and DSP. This has a stronger effect on the metal segment by the magnet (DSP).

Disassemble belt pulley and DSP.

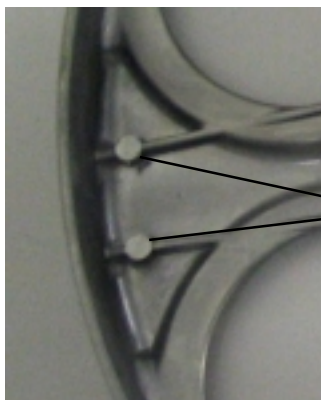
Assemble DSP at the top with one washer, at the bottom with two washers.



Onewasher

Two washers

Possibly you have to abrade 6 injection points. These may grind at the DSP during the drum rotation.



Injection points



Remove both studs with the DSP, so that these do not brush against the belt pulley.



Before



After

From factory the fault code EA6 is no longer included in the electronic software.

This is valid for appliances with a

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|---------------------------|----------------------------|
| EWM 1000 1/12 electronic, | from series no. 505 |
| EWM 1000 1/18 electronic, | from series no. 512 |
| EWM 1000plus electronic, | from series no. 503 |
| EWM 2000NEW electronic, | from series no. 507 |
| EWM 2000EVO electronic, | from series no. 507 |