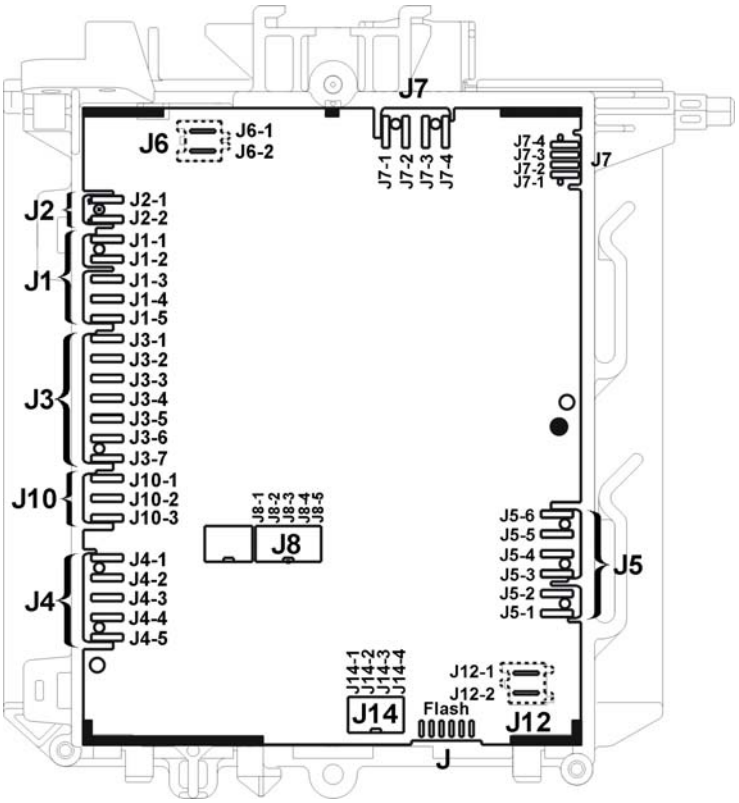
SERVICE BULLETIN
WASHING
2520

CONNECTOR AND BURNING MAP ON EWM1000PLUS BOARD

J1	J2	J3	J4
Motor **J1-1** Motor (triac) **J1-2** Motor (rotor) **J1-3** Motor (rotor) **J1-4** Motor (stator - full range) **J1-5** Motor (stator - 1/2 range)	Door lamp **J2-1** Door lamp **J2-2** Door lamp	**J3-1** Door safety interlock (line-sensing) **J3-2** Drain pump (line) **J3-3** Aqua Control (line) **J3-4** Anti-overflow pressure switch (line) **J3-5** 1st level (sensing) **J3-6** Anti-overflow (sensing) **J3-7** Drain pump (triac)	Solenoid valves **J4-1** Prewash solenoid (line) **J4-2** Bleach solenoid (line) **J4-3** Prewash solenoid (triac) **J4-4** Wash solenoid (triac) **J4-5** Bleach solenoid (triac)
J5	**J6**	**J7**	**J8**
J5-1 Drum positioning (DSP) (sensing) **J5-2** Drum positioning (DSP) (+5v) **J5-3** Tachometric generator motor **J5-4** Tachometric generator motor **J5-5** NTC temperature sensor washing (sensing) **J5-6** NTC temperature sensor washing (+5v)	Heating element: **J6-1** Relay **J6-2** Line	DAAS Interface: **J7-1** ASY_IN **J7-2** ASY_OUT **J7-3** Vcc (+5v) **J7-4** GND	Display board **J8-1** Vcc (+5v) **J8-2** GND **J8-3** SY OUT **J8-4** SY IN **J8-5** SY CLK
J10	**J12**	**J14**	
J10-1 Line ON/OFF **J10-2** Door safety interlock (triac) **J10-3** Washing solenoid (line)	**J12-1** LV2 (sensing) **J12-2** Door safety interlock	Flowmeter **J14-1** GND **J14-2** Vcc (5v) **J14-3** Flowmeter_dgt_in **J14-4** Flowmeter_anl_in	



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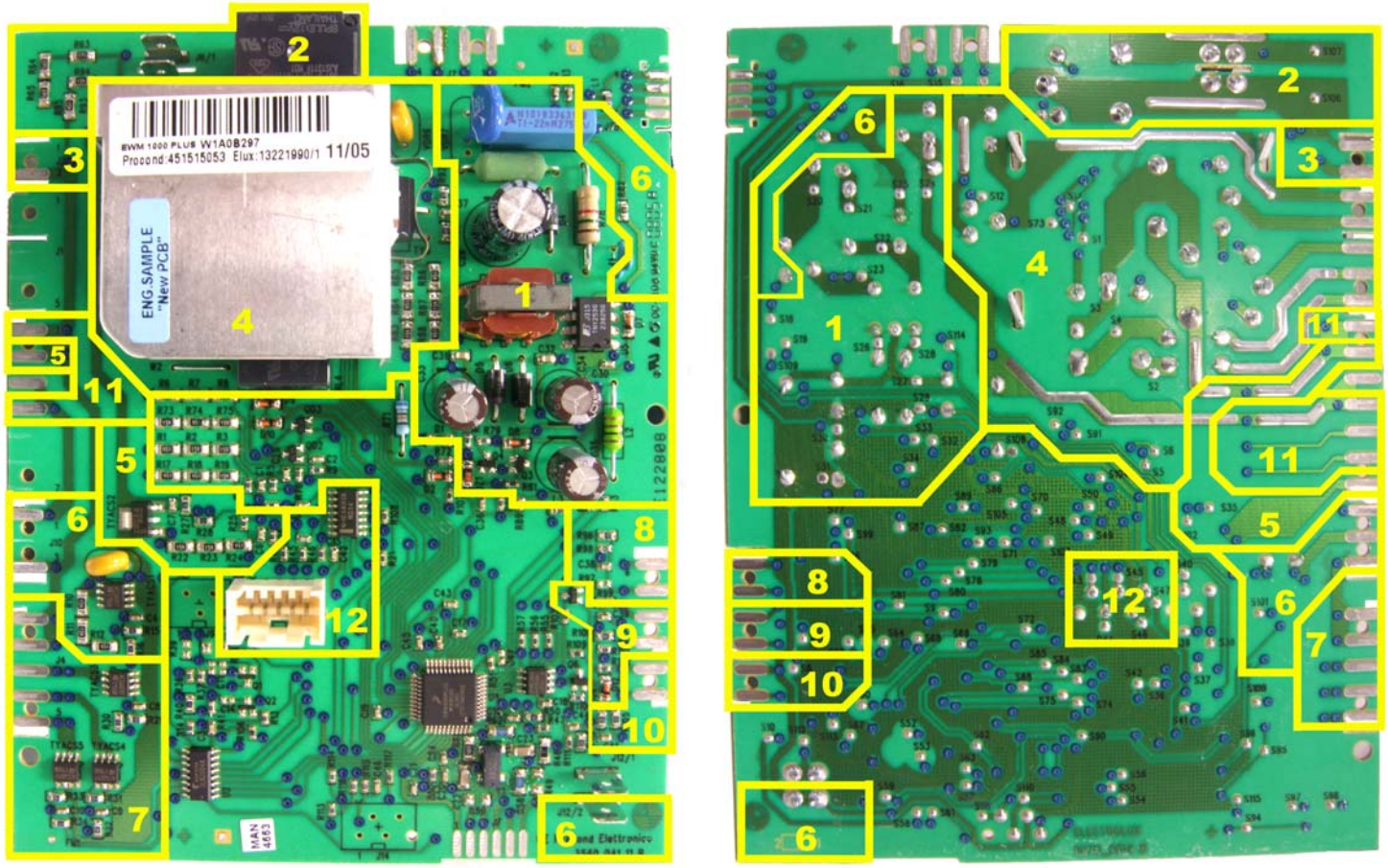
BURNING ON EWM1000plus MAIN BOARD

In case of burning on the main circuit board, check that the problem is not caused by another electrical component (short-circuits, poor insulation, water leakage). Refer to the figures below in order to identify the component that might have caused the burning according to the position of the burned area.
The circuit board shown below is the version with the greatest number of components: other boards may not feature all these components.



1. Power supply	7. Water fill solenoids
2. Heating element	8. Washing NTC temperature sensor
3. Door lock pilot lamp	9. Tachometric generator (motor)
4. Motor	10. Drum positioning DSP (top-loader)
5. Drain pump	11. Mechanical pressure switch
6. Door safety interlock	12. User interface communication