

WASHER 'JETSYSTEM' TURBODRY WD3000T

WASHER DRYER M/C'S

Service Bulletin 88-8 (Sheet 1)

GENERAL FEATURES OF WD3000T (Product No. 9146200-15)

Supply voltage:	V	240
Dimensions: height, width, depth	cms	85/60/57
Dry clothes loading capacity	kgs	4.5
Drum rotation speed: wash/spin	rpm	55/450-1000
Water pressure: Maximum	psi	110
(cold fill only) Minimum (cold)	psi	7

TECHNICAL DETAILS

DRAIN PUMP:

Maximum head	cms	90
Maximum delivery rate	lts/min	25
Power rating	W	90
Winding resistance	ohms	40

RECIRCULATION PUMP:

Delivery rate	lts/min	8
Power rating	W	90
Winding resistance	ohms	35

WATER INLET VALVES:

Wash programme fill:		
Delivery rate maximum	lts/min	9.5
Coil resistance	ohms	4000
Drier condensation flow:		
Delivery rate maximum	lts/min	0.7
Coil resistance	ohms	3600

HEATING ELEMENTS (WASHING):

Power rating	W	1800
Resistance	ohms	25

HEATING ELEMENTS (DRYING):

Power rating (total)	W	1900
Resistance (each element)	ohms	55

PRESSURE SWITCH:

1st water level	mm	125
2nd water level	mm	250
Heater safety switch	mm	95

TIMER (WASHING):

Identification mark		C325/2
Motor resistance	ohms	11000
Solenoid resistance	ohms	8000

TIMER (DRYING):

Identification mark		C206/0
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DOOR INTERLOCK:

Type: Voltmetric

Door locking interval	secs	3
Door release interval	secs	40-120

OVERHEAT PROTECTION THERMOSTAT (DRYING):

Temperature	°C	110 N.C.
Identification Colour		Pink
Temperature	°C	100 N.C.

THERMOSTAT (DRYING)

Temperature	°C	50 N.O.
Identification Colour		Blue

THERMOSTAT:

Temperature	°C	93±3 N.C.
Identification colour		Grey
Temperature	°C	43±3 N.C.

ADJUSTABLE THERMOSTAT:

Range	°C	0-90
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ELECTRONIC SPEED CONTROL:

Identification mark		C398/0
Supply voltage	V	220-240
Output voltage	V	0-220

SPEED REGULATOR:

Identification mark		C312/0
Resistance min./max.	ohms	0/10000

COMMUTATOR MOTOR:

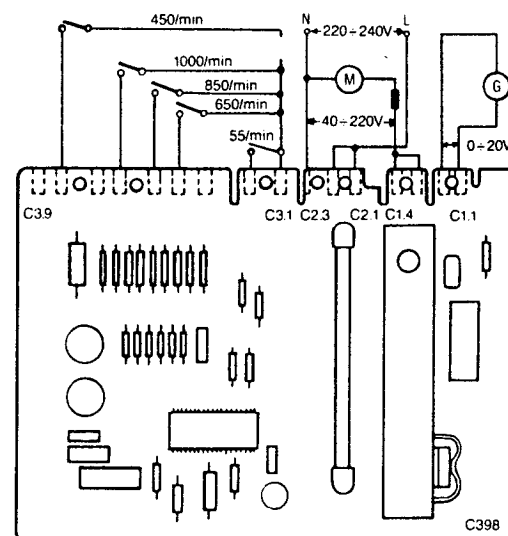
Power rating (washing)	W	200
Power rating (spinning)	W	350
Wash speed	rpm	600
Spin speed	rpm	14000
Rotor winding resistance	ohms	1.8 (5-6)
Stator winding resistance	ohms	1.2 (4-8)

TACHOMETRIC GENERATOR:

Coil resistance	ohms	135/500 (1-2)
Power (Turbomotor rating)	W	70
Winding resistance	ohms	25

SERVICE HINTS

WARNING: TRIAC heat sink on speed control PCB bears mains voltage. Care should be taken when taking readings on live parts. If speed control fuse is blown, check if motor rotor is jammed or short-circuited. If motor does not rotate, check the tachometric generator.



Edge connector wiring identified thus:
C3.1 - C3.8 marked A1 - A8
C2.1 - C2.4 marked B1 - B4
C1.1 - C1.4 marked C1 - C4

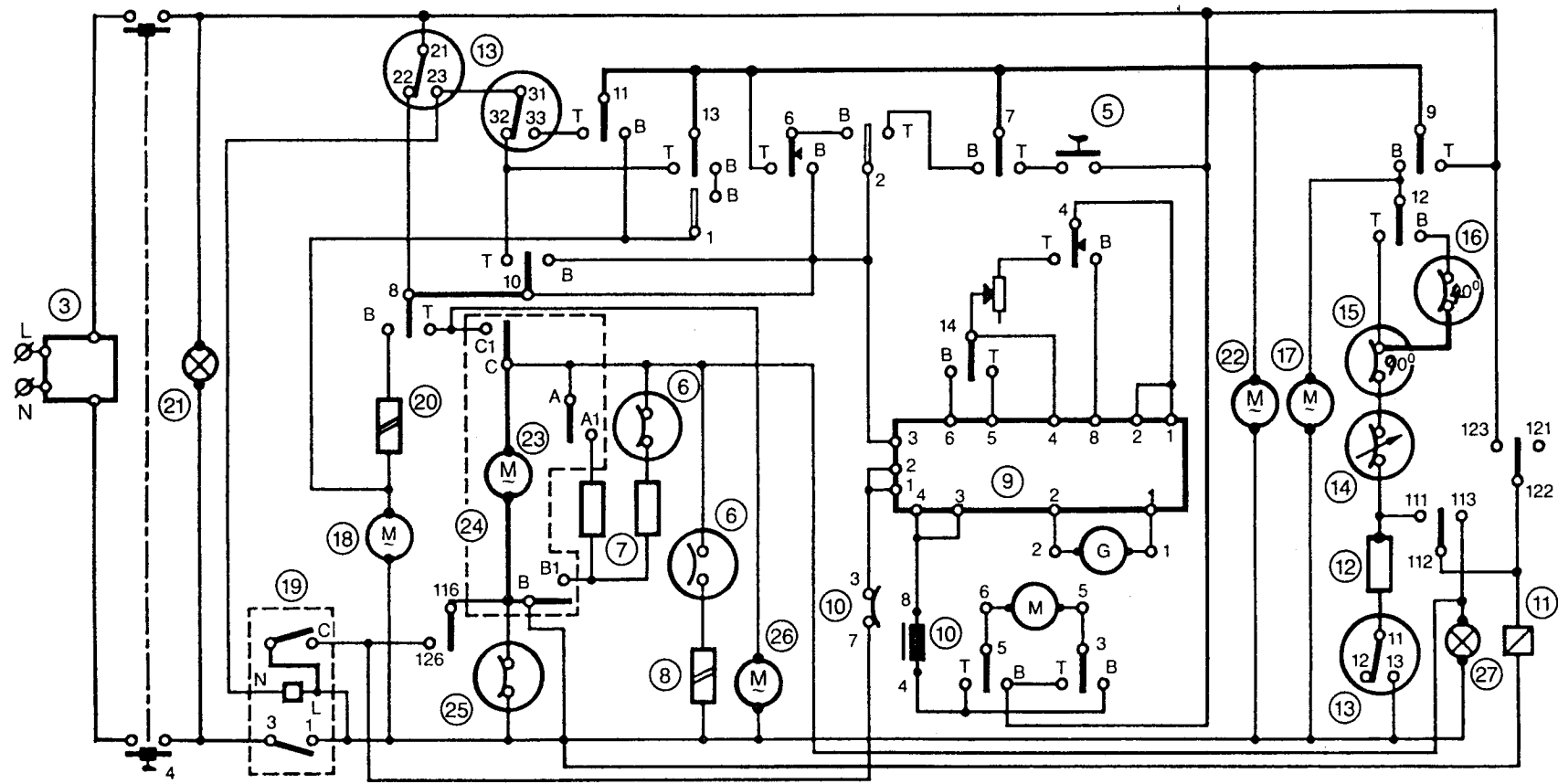
WD3000T

N = NORMAL WASH
D = DELICATE WASH
P = TIME FOR FILLING
T = TIME FOR HEATING
● = INCLUDES SHORT SPIN
OF MAXIMUM 400 r.p.m.
EVERY TWO MINS.
L/L = LOW LEVEL FILL
H/L = HIGH LEVEL FILL

† Closes only for 20 secs each cycle during a wash sequence

Fastcam[illegible]

ELEMENTARY WIRING DIAGRAM



1	EARTH	10	COMUTATOR MOTOR	19	DOOR INTERLOCK
2	JUNCTION BOX	11	TIMER SOLENOID	20	COLD WATER INLET VALVE
3	ANTI-INTERFERENCE FILTER	12	HEATING ELEMENT (WASHING)	21	MAINS INDICATOR
4	MAIN SWITCH	13	LEVEL SWITCH	22	PROGRAMME TIMER MOTOR
5	AUTODRY BUTTON	14	ADJUSTABLE THERMOSTAT	23	DRIER TIMER MOTOR
6	DRYING THERMOSTAT	15	90° THERMOSTAT	24	DRIER TIMER CONTACTS
7	HEATING ELEMENTS (DRYING)	16	40° THERMOSTAT	25	OVERHEAT PROTECTION THERMOSTAT
8	CONDENSATION VALVE	17	RECIRCULATION PUMP	26	FAN MOTOR
9	ELECTRONIC SPEED CONTROL	18	DRAIN PUMP	27	DRYING INDICATOR



Electrolux

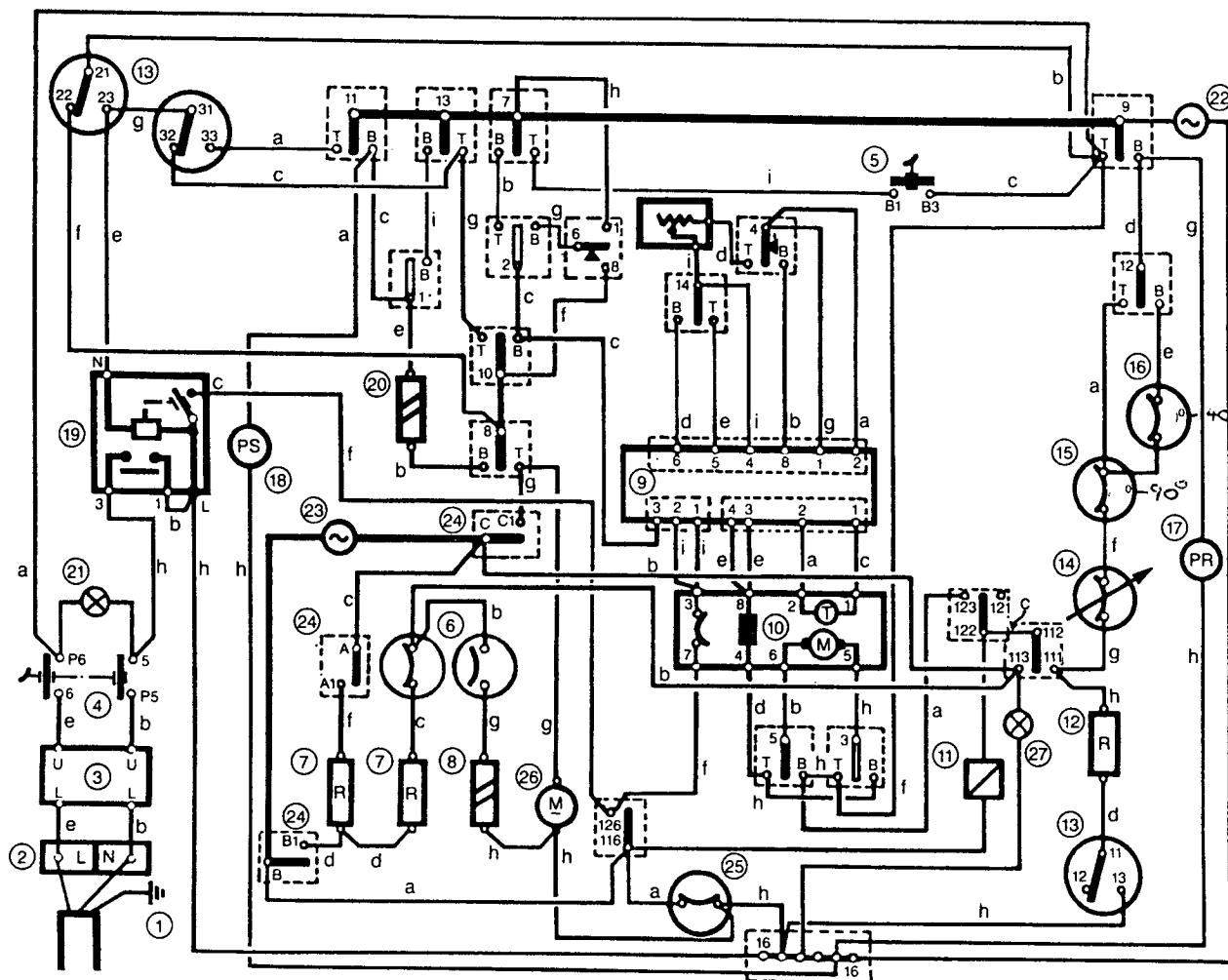
Service

WASHER 'JETSISTEM' TURBODRY WD3000T

WASHER DRYER M/C'S

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WIRING DIAGRAM



a	PINK
b	BLUE
c	VIOLET
d	ORANGE
e	BROWN
f	GREY
g	WHITE
h	BLACK
i	LT. BLUE

1	EARTH
2	JUNCTION BOX
3	ANTI-INTERFERENCE FILTER
4	MAIN SWITCH
5	AUTODRY BUTTON
6	DRYING THERMOSTAT
7	HEATING ELEMENTS (DRYING)
8	CONDENSATION VALVE
9	ELECTRONIC SPEED CONTROL

10	COMUTATOR MOTOR
11	TIMER SOLENOID
12	HEATING ELEMENT (WASHING)
13	LEVEL SWITCH
14	ADJUSTABLE THERMOSTAT
15	90° THERMOSTAT
16	40° THERMOSTAT
17	RECIRCULATION PUMP
18	DRAIN PUMP

19	DOOR INTERLOCK
20	COLD WATER INLET VALVE
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22	PROGRAMME TIMER MOTOR
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27	DRYING INDICATOR

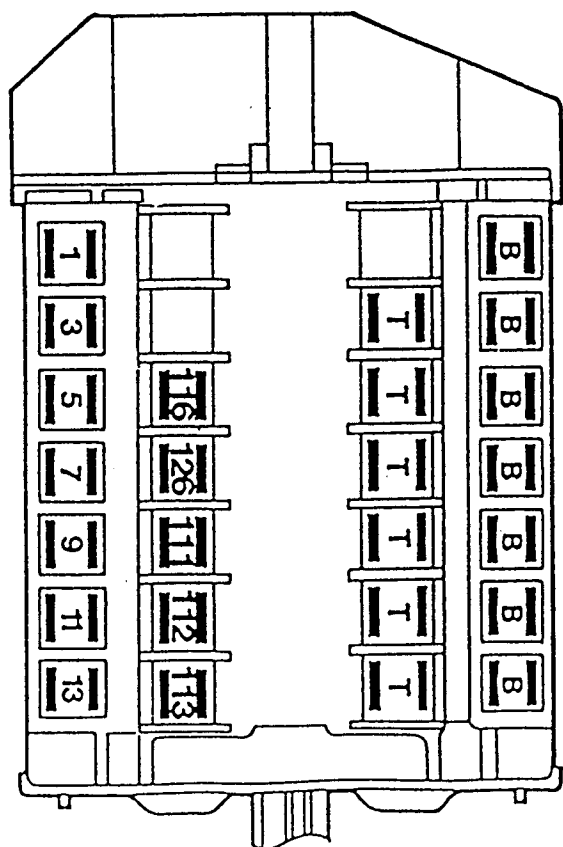
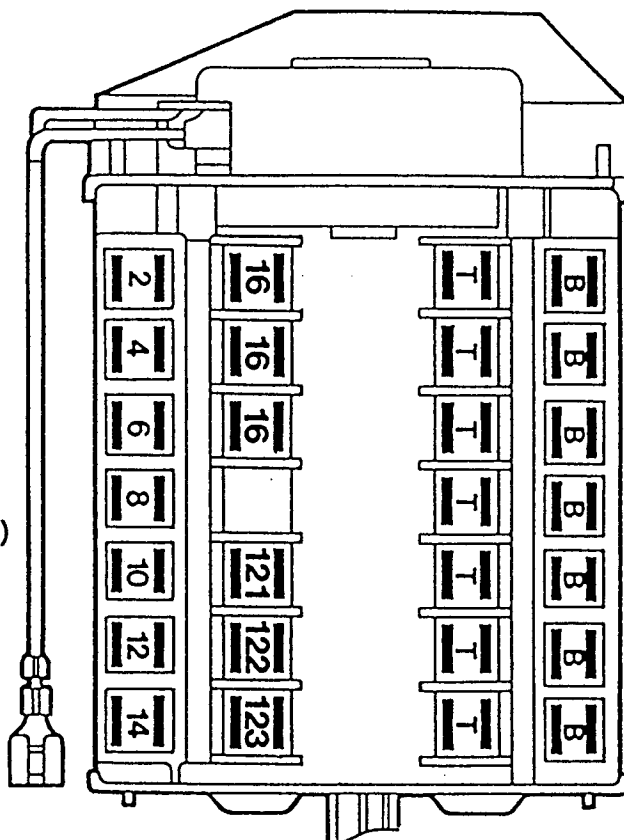
ELECTROLUX WD3000T

PRODUCT NOS.9146200-15

9146200-78

PRODUCTION DATES 805 - 844 - 009 to end

2	VIOLET (L10B)	10T	WHITE (L13T)
2B	WHITE (L6)	12	ORANGE (L9B)
2T	BLUE (L7B)	12B	BROWN
4	PINK WHITE	12T	PINK
4B	BLUE	14	L.BLUE L.BLUE
4T	ORANGE	14B	ORANGE
6	WHITE (L2B)	14T	BROWN
6B	GREY (L10)	16	BLACK BLACK/BLACK TIMER MOTOR BLACK/BLACK PILOT LAMP
6T	BLACK (L7)	122	VIOLET (L112) SOLENOID
8	GREY	123	PINK
8B	BLUE		
8T	WHITE WHITE		
10	GREY (L6B)		
10B	VIOLET (L2) VIOLET		



1	BROWN VIOLET (L11B)	11B	PINK VIOLET (L1)
1B	L.BLUE (L13B)	11T	PINK
3	BLACK	13B	L.BLUE (L1B)
3B	BLACK (L5T)	13T	VIOLET WHITE (L10T)
3T	BLACK (L5B) GREY	111	WHITE BLACK
5	BLUE	112	VIOLET (L122)
5B	BLACK (L3T)	113	BLUE BLUE PILOT LAMP
5T	BLACK (L3B) ORANGE	116	PINK PINK SOLENOID
7	BLACK (L6T)	126	GREY L.BLUE L.BLUE
7B	BLUE (L2T)		
7T	L.BLUE		
9	TIMER MOTOR		
9B	ORANGE (L12) WHITE		
9T	PINK BLUE VIOLET L.BLUE		