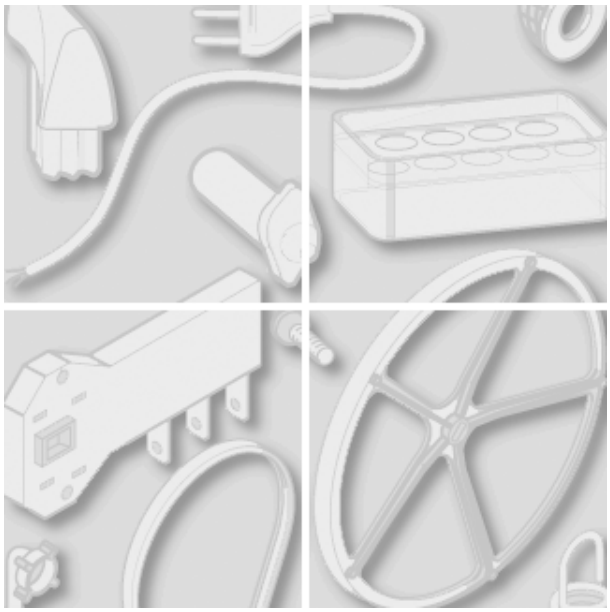
INDESIT company



Model type:
TCD83B6KZEU

Commercial code:
F077237

General notes

Technical Documentation guidelines

You can find herewith some generic information to simplify cunsulting of technical documentation:

1. Models of same range share the same exploded views, which report the richest set of spare parts:generally, a model does not necessarly have a related spare part for each particular shown on exploded views.

2. Some spare parts can not be represented directly on the exploded views (instruction booklets, specific kit, etc...). You can find those codes in the spare parts list with the same reference of particular where spares are installed or with references 099, 999. Instruction booklets, once managed, appear with 000 reference.

3. On the higher right site of each exploded view there is a serial number which indicates the beginning of the production of certain range:some models might have more than an exploded view for a given category, each distinguished by a different serial no.and linked to another spare parts list, In this case, serial no. is required to supply the right spare part code. Exploded view to be considered is the one with a more recent serial no. but previous than the one of the model that needs assistance.

4.Exploded views might require further updates even after publishing. Addition of new spares will go on following the already existing numeration references. Revision number of an exploded view is shown into last four digits of serial number into upper right hand corner.

5.The spare parts list associated to an exploded view shows related codes of spares managed for a certain model; for each spare part other informations are available:

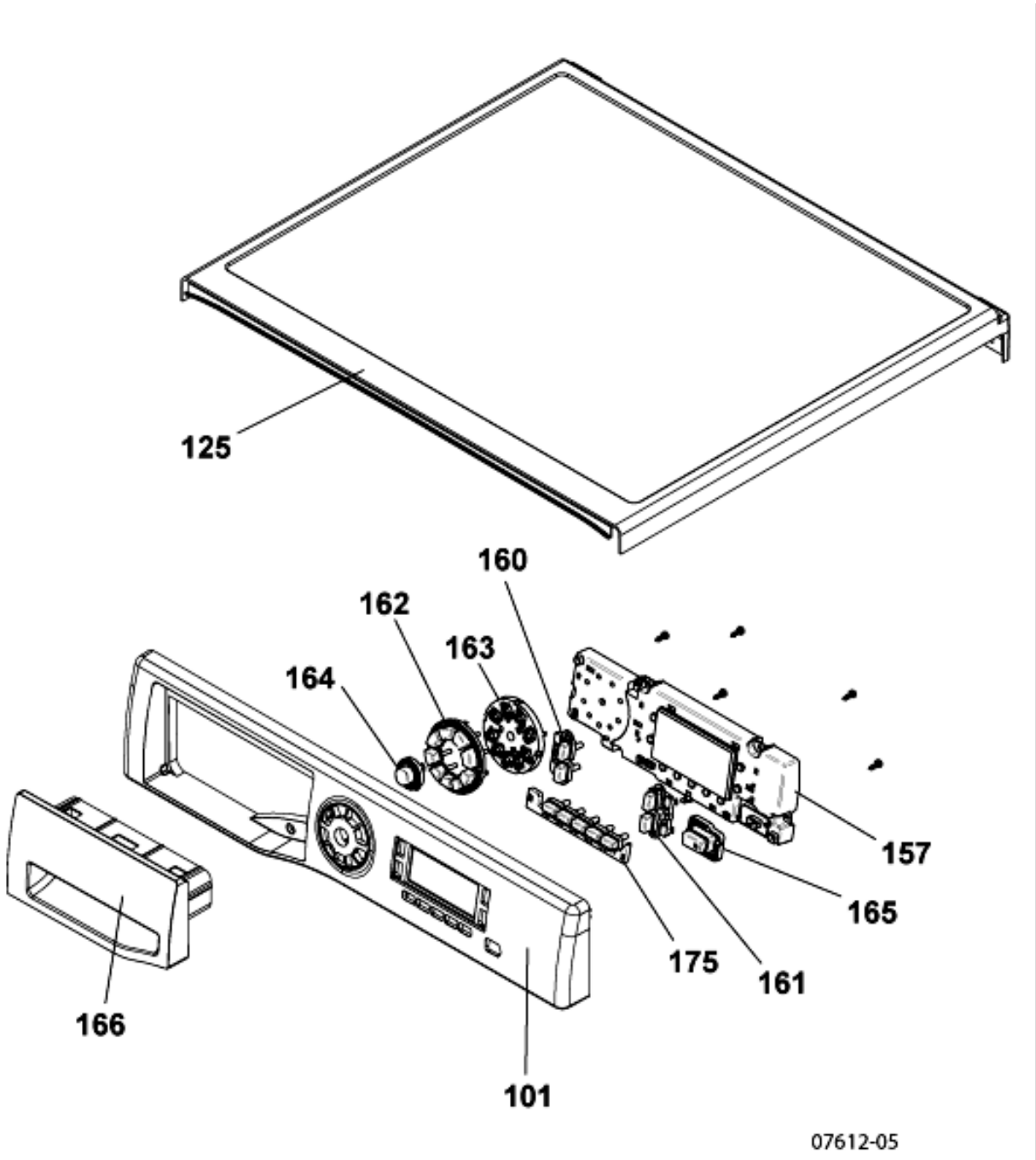
REF: reference no of spare into a table; SUBSTITUTE: list of spare(s) which can replace a code but that keeps same functional characteristics

INDUSTRIAL CODE: list of variables of a model (shown into model label) where such spare is used; NOTICE: code of information(s) to refer to complete technical intervention, track for changes or to find correct spare part code.

6. Some notices, into a same section are generic therefore cannot be directly linked to a spare part. In order to assist a model in the best way as possible, it is helpful to pay attention to all notices and constantly verify documentation updates

7.Technical documentation cover shows model name and its commercial codes

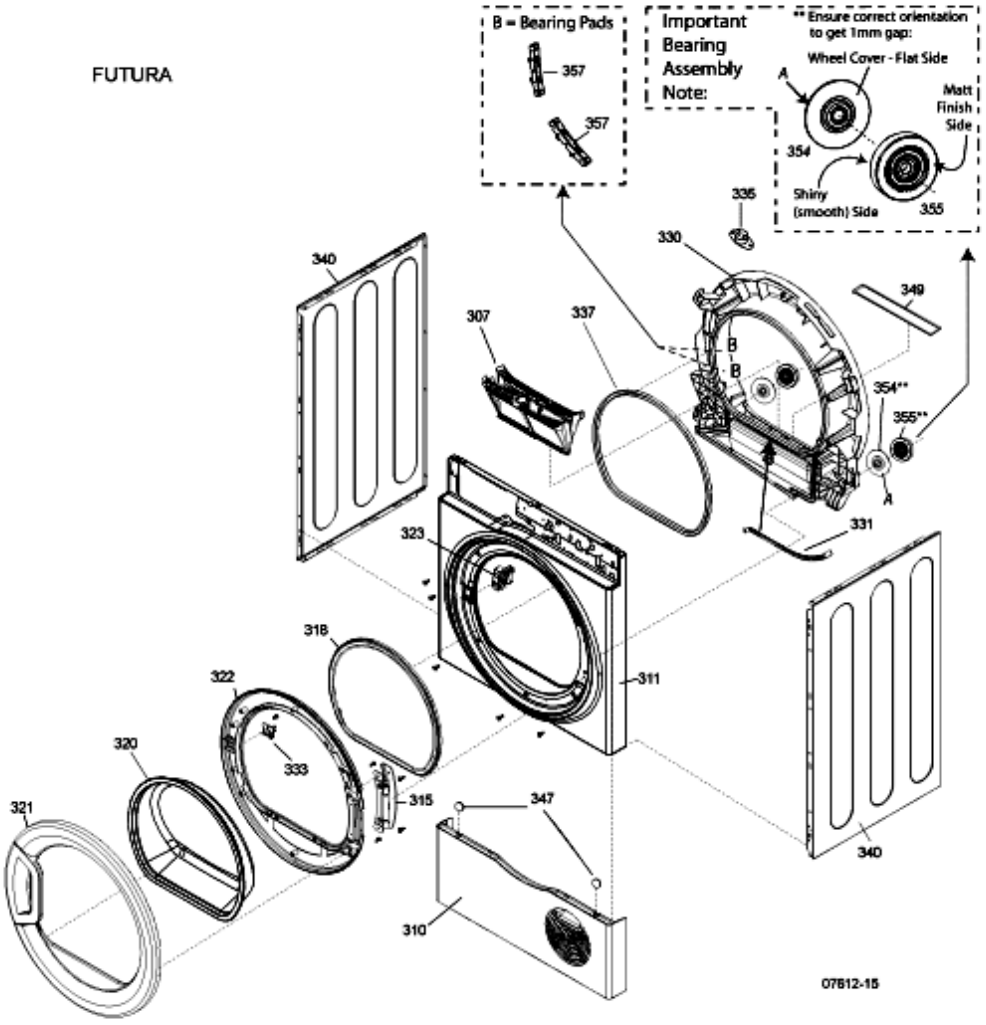
07612-05 Exploded views



07612-05 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
101	C00291416		30108...		dashboard tcd93b6kz	n4413a02	95772370000
101	C00296615	30109...			dashboard + handle tcd93b6kz	n4413a02	95772370000
							95772370100
							95772374400
							95772374500
125	C00289502				lid black		
157	C00287027	30108...			control dispaly lcd	n4412i02	95772370000
157	C00296369	30109...			control dispaly lcd	n4412i02	95772370000
							95772370100
							95772374400
							95772374500
160	C00285895				pushbutton child lock/delay alum.		
161	C00285897				pushbutton alu (spin/temper.)		
162	C00287026		30108...		button programs (p)	n4413a02	95772370000
162	C00296616	30109...			button programs (p)	n4413a02	95772370000
							95772370100
							95772374400
							95772374500
163	C00285896				buttons support futura		
164	C00285902				pushbutton alluminium on/off		
165	C00286368				pushbutton start/pause futura		
166	C00291414				drawer handle tcd black		
175	C00285899				option button alu (5) futura lcd		

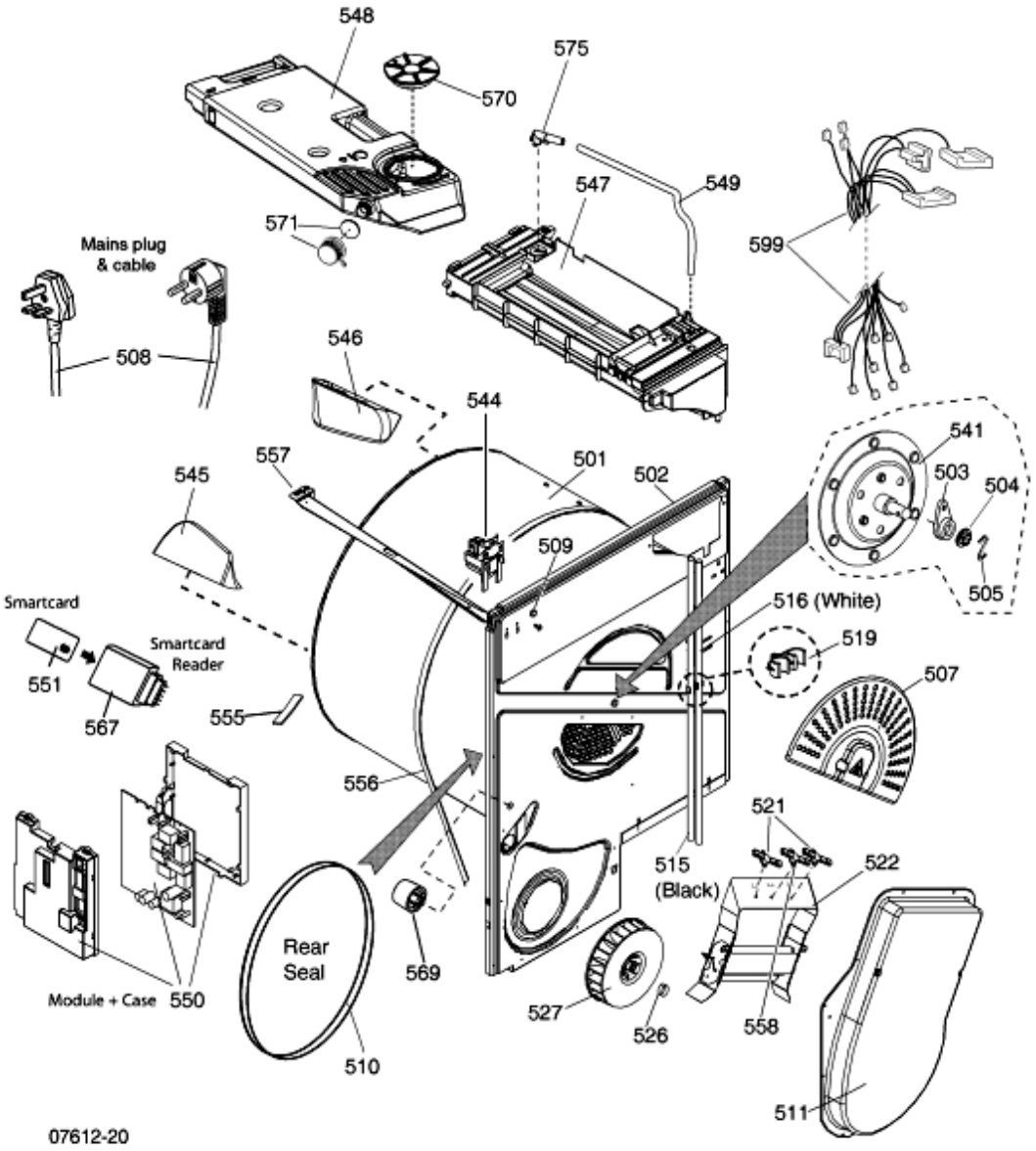
07612-15 Exploded views



07612-15 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
307	C00286864				filter m2 closed		
310	C00291308				plinth black m2		
311	C00289504				front panel black m2		
315	C00259480				screw m4 x 8		
315	C00286863				hinge		
318	C00288155				door seal grey		
320	C00286881			1 x C00297817	door bowl (glass)		
321	C00291314				door front trim black ha		
322	C00289464				door trim rear grey		
323	C00141694		30108...		door s/w (electronic/relay)	n4412i02	95772370000
323	C00291938	30109...			door s/w electronic arcadia td	n4412i02	95772370000 95772370100 95772374400 95772374500
330	C00287054				front air duct white c condenser		
331	C00286884				sensor strip		
333	C00142619				door latch (td)		
335	C00142702		30108...		thermostat front	n4412i02	95772370000
335	C00291937	30109...			thermistor front arcadia td	n4412i02	95772370000 95772370100 95772374400 95772374500
337	C00268264				drum front seal		
340	C00095525				peg locating	n4412e00	
340	C00268038				side panel fmd black		
347	C00286862				cover plinth magnet futura		
349	C00280391			1 x C00295492	seal silicone white (fad to base)		
354	C00283709				protective wheel cover aqualtis	n4414f03	
355	C00272906				wheel kit	n4414f03	
357	C00287118	40507...			large bearing pad m2	n4414f04	

07612-20 Exploded views



07612-20 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
501	C00286894		40506...		drum (pattern) galv.	n4414f04	
501	C00301288	40507...			drum (pattern) galv precoat	n4414f04	
502	C00113860				seal base rear panel		
502	C00268532			1 x C00298572	rear panel aqualtis		
503	C00142628				drum rear bearing teardrop		
503	C00250889				screw		
504	C00142631				drum shaft collar		
505	C00209008			1 x C00095551	drive pin		
507	C00289203				brg cover plastic white		
508	C00095999				mains cable and plug		
509	C00095556				cable clamp/grommet		
509	C00250833				no7 hilo pozi screw		
510	C00258640				rear seal		
511	C00280898				heater cover +insulating pad+wick		
515	C00113865				pipe pump to water container		
516	C00287247				pipe pump to water container		
519	C00114676				pipe support		
521	C00116598				thermostat kit (one shot+cycling)		
522	C00280489		30108...	1 x C00277072	heater assy a2 2.3kw bbc	n4412i02	95772370000
522	C00294624	30109...			heater arcadia 2.3kw (+stats &	n4412i02	95772370000 95772370100 95772374400 95772374500
526	C00208347				clamp d.19		
527	C00208040				fan (td)		
541	C00113038				drum shaft kit (screwed shaft	n4414g00	
541	C00305794				drum shaft kit (riveted drum plate)	n4414g00	
544	C00122256				screw 6 x 3/8		
544	C00271231			1 x C00301275	mains con and suppre		
545	C00286905				drum lifter short curved		
546	C00286905				drum lifter short curved		
547	C00286934			1 x C00291662	water container support fast pour		
548	C00286918				water container fast pour		
549	C00287035				water cont inlet hose		
550	C00280422		30108...		module a2 fw 4.5.14 bbc	n4412i02	95772370000

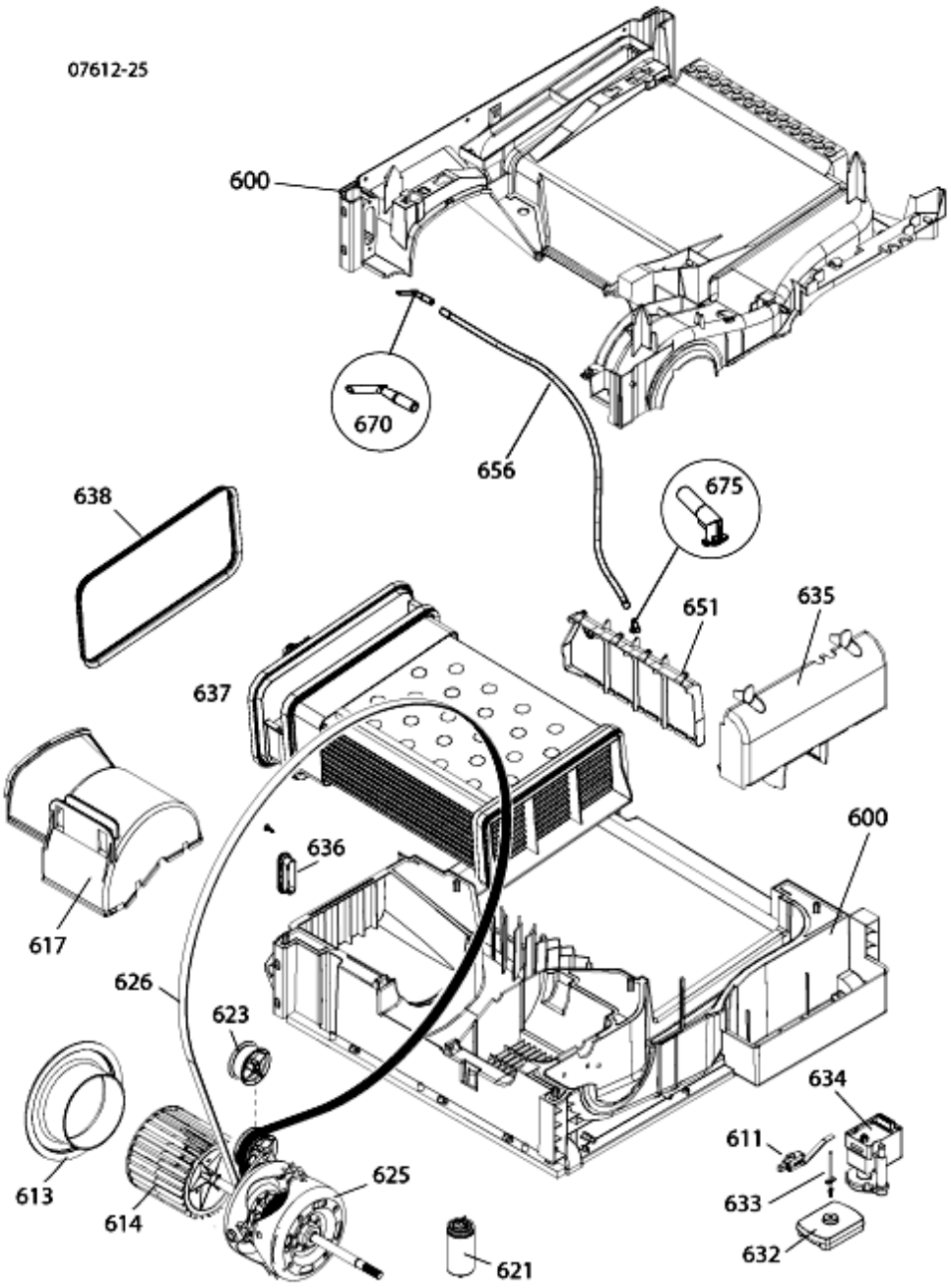
07612-20 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
550	C00292963	30109...		1 x C00303312	module arcadia dryer	n4412i02	95772370000
							95772370100
							95772374400
							95772374500
551	C00291413		30108...		card tcd83b6kzeu 8kb		95772370000
551	C00296602	30109...			card tcd83b6kzeu 8kb		95772370000
							95772370100
							95772374400
							95772374500
555	C00192903				this item is not fitted to this model		
556	C00116358			1 x C00300793	belt (1991mm fitted)	n4413j00	
557	C00286935				side strut angled right		
558	C00143511		30108...		thermostat ntc (tod)	n4412i02	95772370000
558	C00292949	30109...			thermostat ntc rear arcadia	n4412i02	95772370000
							95772370100
							95772374400
							95772374500
567	C00272306				smart reader for card 8kb 32kb +		
570	C00286921				cap + seal		
571	C00292791				slow pour cap and seal futura		
575	C00113897				water cont inlet		
599	C00199418	30109...			harness con/power bd	n4412i02	95772370000
							95772370100
							95772374400
							95772374500
599	C00264077			1 x C00279523	cable sensing strip		
599	C00286963		30108...		harness pump & float switch	n4412i02	95772370000
599	C00286984		30108...		harness (j10) l-n door switch	n4412i02	95772370000
599	C00286988		30108...		harness front ntc	n4412i02	95772370000
599	C00287025		30108...		harness con/power bd	n4412i02	95772370000
599	C00294278	30109...			harness float switch	n4412i02	95772370000
							95772370100
							95772374400
							95772374500
599	C00294323	30109...	30721...		harness arcadia pump motor	n4412i02	95772370000

07612-20 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
599	C00294397	30109...			harness ntc/door switch arcadia	n4412i02	95772370000
							95772370100
							95772374400
							95772374500
599	C00294398	30109...			harness l&n dryer condenser	n4412i02	95772370000
							95772370100
							95772374400
							95772374500
599	C00300876	30722...			harness pump-motor (3wires)-cap	n4413g01	95772374400
999	C00295375				service manual		
999	C00295636				service manual		
999	C00309221				service manual		

07612-25 Exploded views



07612-25 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
600	C00271612				screw 14mm cond base		
600	C00287037				base condenser white		
611	C00258878				float switch n/o		
613	C00288996				ring inlet cool fan b energy +7kg		
614	C00208347				clamp d.19		
614	C00272335				impeller cooling (td) 72mm		
617	C00288190				impeller cover white		
621	C00258619				capacitor 8.5 uf.		
623	C00113879				jockey wheel and bracket		
625	C00270657				screw m5x20		
625	C00280423			1 x C00306347	motor 362/363 (3 wires 8.5uf cap)	n4413g01	95772370000 95772374400 95772374500
625	C00294271	30109...	30721...		motor 372/373 (harness	n4413g01	95772370000 95772370100 95772374400 95772374500
626	C00116358			1 x C00300793	belt (1991mm fitted)	n4413j00	
632	C00195866				float		
633	C00259700				float pin 75mm		
634	C00193127			1 x C00306876	pump		
635	C00193187			1 x C00288932	pump and float cover		
636	C00113889				serial port cover		
637	C00287179				condenser white		
638	C00113903				condensor front cover seal (black		
651	C00258597				base cover		
656	C00288109				hose lcd screen black		
670	C00289453				condensation nozzle		
675	C00113897				water cont inlet		
999	C00289652				service manual		

Notices

n4412e00: SIDE PANEL LOCATING PEGS

SIDE PANEL LOCATING PEGS ARE NO LONGER USED IN PRODUCTION FROM SERIAL NUMBER 20509.0000, (9th MAY 2012).

n4412i02: INTRODUCTION OF ARCADIA ELECTRONICS

STARTING FROM SEPTEMBER 2012 THE ARCADIA MODULE AND ASSOCIATED PARTS HAVE BEEN USED IN PRODUCTION.

PLEASE SELECT PARTS ACCORDING TO THE SERIAL NUMBER OF THE MACHINE

n4413a02: DASHBOARD CHANGES RELATING TO ARCADIA INTRODUCTION

STARTING FROM SEPTEMBER 2012 THE ARCADIA MODULE AND ASSOCIATED PARTS HAVE BEEN USED IN PRODUCTION.

CERTAIN MODELS ALSO AT THE SAME TIME HAD CHANGES TO THE AESTHETICS AND/OR BUTTON LAYOUT OF THE DASHBOARD AND HANDLE.
PLEASE SELECT PARTS ACCORDING TO THE SERIAL NUMBER OF THE MACHINE

n4413g01: ARCADIA INTRODUCTION/MOTORS

STARTING FROM SEPTEMBER 2012 THE ARCADIA MODULE AND ASSOCIATED PARTS HAVE BEEN USED IN PRODUCTION.
MOTORS

FROM JULY 2013 THE MOTOR USED IN PRODUCTION WAS CHANGED BACK TO THE MOTOR USED BEFORE THE ARCADIA INTRODUCTION.
372/373 OR 364 MOTOR (CONNECTS TO A BLOCK) ARCADIA INTRODUCTION TO JULY 2013
362/363 OR 392/363 OR 351 MOTOR (CONNECTS WITH 3 SEPARATE WIRES AND TAGS) USED BEFORE ARCADIA INTROUCTION AND AFTER JULY 2013.

IF MORE THAN 1 MOTOR IS LISTED BEFORE THE ARCADIA INTRODUCTION FOLLOW THE SERIAL NUMBER TO SELECT THE CORRECT MOTOR REQUIRED.

n4414f03: CHANGES TO FRONT AIR DUCT DRUM SUPPORT

STARTING MAY 2014 CHANGES HAVE BEEN MADE IN PRODUCTION TO THE FRONT AIR DUCT DRUM FRONT SUPPORT

BEFORE THIS CHANGE THE DRUM WAS SUPPORTED AT THE FRONT BY EITHER 2 DRUM SUPPORT WHEELS OR 4 PLASTIC BEARING PADS (DEPENDING ON MODEL)
AFTER THIS CHANGE THE DRUM IS SUPPORTED BY 1 DRUM SUPPORT WHEEL AND 2 PLASTIC BEARING PADS.
SEE PARTS LIST

n4414f04: CHANGES TO FRONT AIR DUCT DRUM SUPPORT

STARTING MAY 2014 CHANGES HAVE BEEN MADE IN PRODUCTION TO THE FRONT AIR DUCT DRUM FRONT SUPPORT

BEFORE THIS CHANGE THE DRUM WAS SUPPORTED AT THE FRONT BY EITHER 2 DRUM SUPPORT WHEELS OR 4 PLASTIC BEARING PADS (DEPENDING ON MODEL)
AFTER THIS CHANGE THE DRUM IS SUPPORTED BY 1 DRUM SUPPORT WHEEL AND 2 BEARING PADS.
SEE VIEW LIST

n4414g00: DRUM SHAFT REPAIR KITS

THERE ARE 2 TUMBLE DRYER DRUM SHAFT KITS.

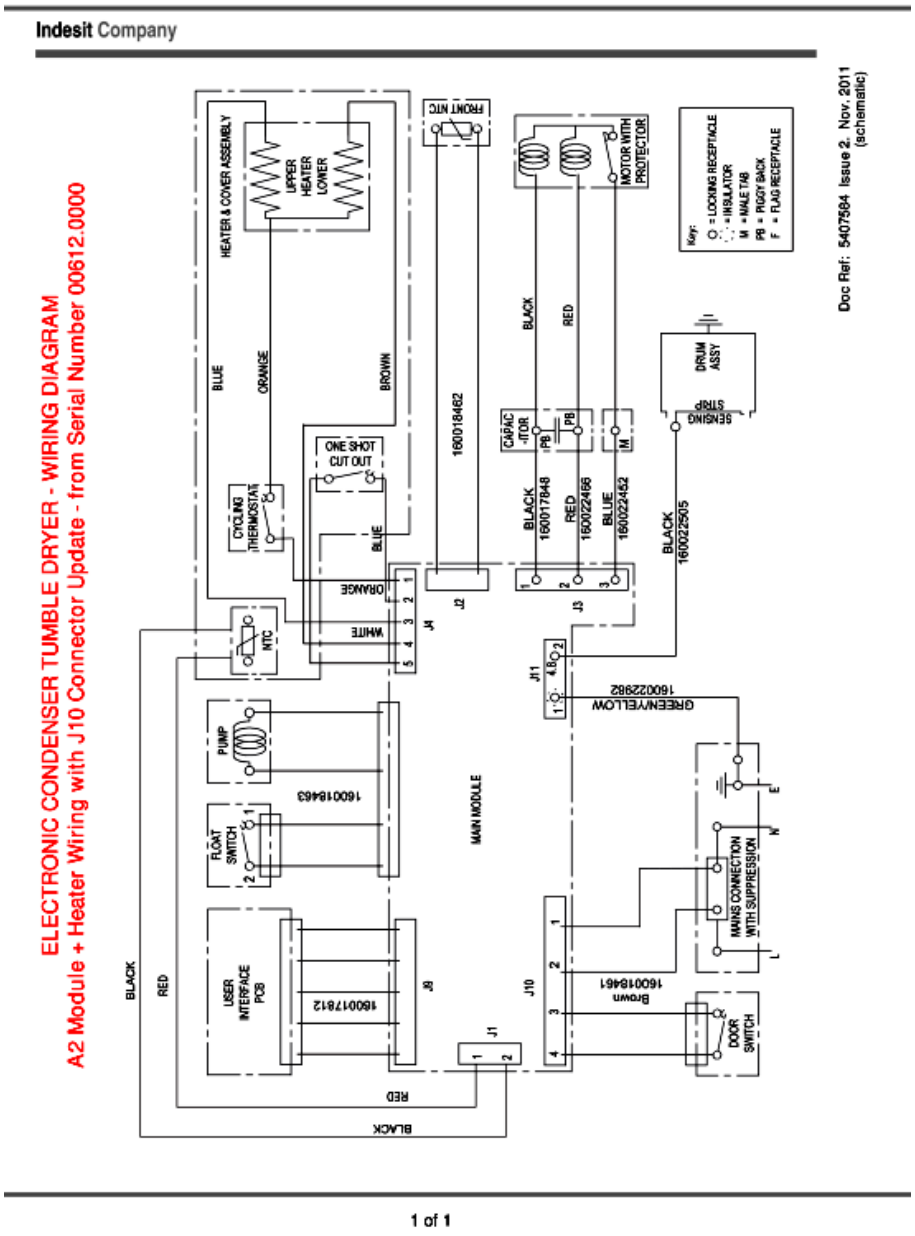
C00113038 DRUMS WHERE THE DRUM SHAFT IS SCREWED
C00305794 DRUMS WHERE THE DRUM SHAFT IS RIVETTED.
THE CORRECT KIT MUST ALWAYS BE FITTED.
BOTH KITS CONSIST OF THE DRUM SHAFT/SUPPORT, DRIVE PIN FIXING SCREWS and REAR BEARING.
STARTING FROM JUNE 2014 THE DRUM SEALS WHICH WERE INCLUDED IN KIT C00113038 HAVE BEEN REMOVED.

n4413j00: BREAKING BELTS

To overcome the issue of breaking belts the 6 Rib belt has been replaced by the 8 rib belt C00300793

Electric schemes and links

Cod. 5407584



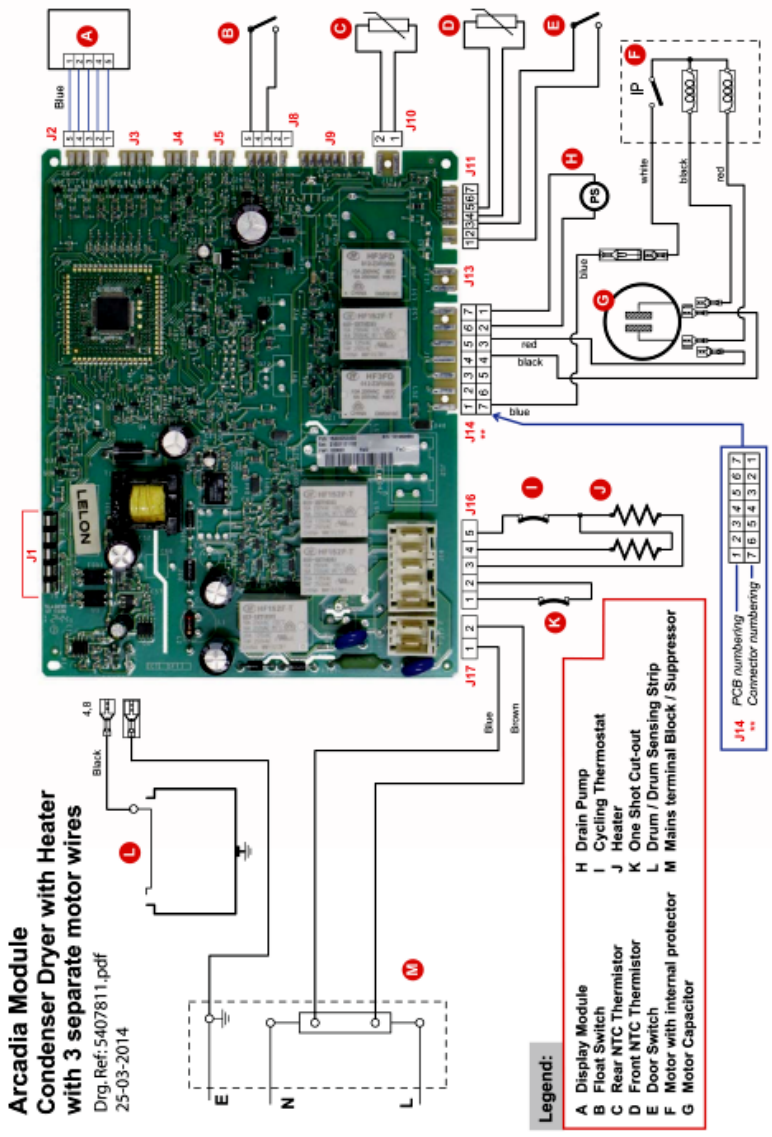
1 of 1

Legend

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Electric schemes and links

Cod. 5407811

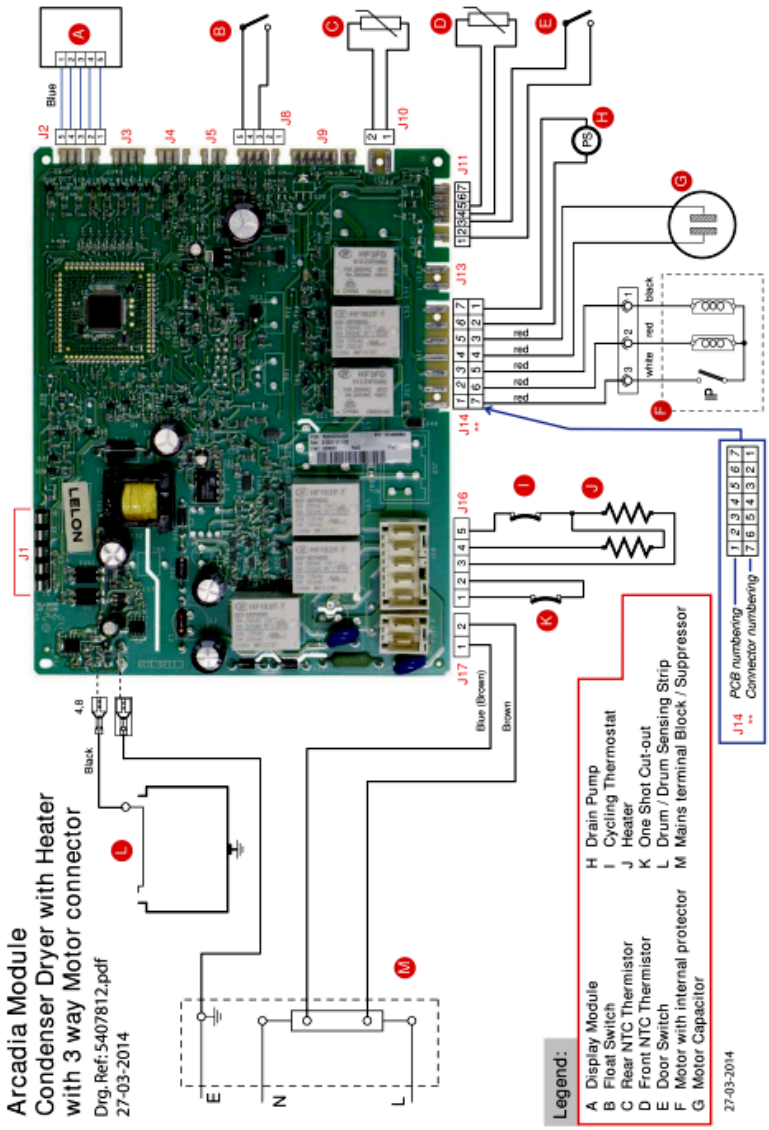


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Electric schemes and links

Cod. 5407812



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Electric schemes and links

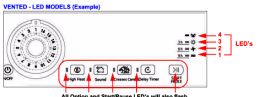
Cod. 5407854

Indesit Company

ARCADIA FAULT CODES and DIAGNOSTICS

In the Event of a Fault the Options indicators and Start/Pause LED will flash rapidly.
DIGIT models will show a fault code in the display in the format, **F**xx. See page 3 for guidance on the fault cause.

VENTED - LED MODELS (Example)



All Option and Start/Pause LED's will also flash

In the Event of a Fault the Options and Start/Pause LED's will flash rapidly.
The fault Code can be identified by one vertical Led or a combination of the Vertical Led's being "ON". See the Table below. See page 3 for guidance on the fault cause.

FAULT CODE	LED Combination			
	LED 4	LED 3	LED 2	LED 1
F01	OFF	OFF	OFF	ON
F02	OFF	OFF	ON	OFF
F03	OFF	OFF	ON	ON
F04	OFF	ON	OFF	OFF
F05	OFF	ON	OFF	ON
F06	OFF	ON	ON	OFF
F07	OFF	ON	ON	ON
F08	ON	OFF	OFF	OFF
F09	ON	OFF	OFF	ON
F10	ON	OFF	ON	OFF
F11	ON	OFF	ON	ON
F12	ON	ON	OFF	OFF
F13	ON	ON	OFF	ON
F14	ON	ON	ON	OFF
F15	ON	ON	ON	ON

Service Manual UK English

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Indesit Company

ARCADIA FAULT CODES and DIAGNOSTICS

CONDENSER LED Models



All Option and Start/Pause LED's will also flash

In the Event of a Fault the Options and Start/Pause LED's will flash rapidly.
The fault Code can be identified by one vertical Led or a combination of the Vertical Led's being "ON". See the Table below.
See page 3 for guidance on the fault cause.

FAULT CODE	LED Combination				
	LED 5	LED 4	LED 3	LED 2	LED 1
F01	OFF	OFF	OFF	OFF	ON
F02	OFF	OFF	OFF	ON	OFF
F03	OFF	OFF	OFF	ON	ON
F04	OFF	OFF	ON	OFF	OFF
F05	OFF	OFF	ON	OFF	ON
F06	OFF	OFF	ON	ON	OFF
F07	OFF	OFF	ON	ON	ON
F08	OFF	ON	OFF	OFF	OFF
F09	OFF	ON	OFF	OFF	ON
F10	OFF	ON	OFF	ON	OFF
F11	OFF	ON	OFF	ON	ON
F12	OFF	ON	ON	OFF	OFF
F13	OFF	ON	ON	OFF	ON
F14	OFF	ON	ON	ON	OFF
F15	OFF	ON	ON	ON	ON
F16	ON	OFF	OFF	OFF	OFF
F17	ON	OFF	OFF	OFF	ON

Service Manual UK English

Doc. Ref: 5407854 / C00309221 / SM004031 Page 2 of 3

Indesit Company

FAULT CODES - QUICK GUIDE for Models fitted with an Arcadia Module

NOTE: This information ONLY a guide to possible solutions.

Other components (not mentioned here) or the way the product is used could also cause fault codes to be displayed. Filters and Vent Hoses should always be checked for blockage.

Before investigating any Heating / Not Heating or Temperature related faults, always check that the Cycling and One-Shot Thermostats are not Open Circuit (O/C). If the One-Shot Thermostat is O/C, it does NOT create an individual Fault Code, but a temperature / heating related fault code will be displayed.

F01	Motor Circuit Fault	Check Motor and Motor Wiring and Connections, including relevant module edge connector. Check Door Switch and wiring and Connections. **C or D Energy Models:** Check Heater and Heater circuit including Cycling Stat, and attached connections including the relevant Module connections. **Heat Pump Models:** Check Compressor and wiring and connections.
F02	Motor Fault - Open or Short circuit	Check Motor and Motor Wiring and Connections, including relevant module edge connector.
F03	Front NTC	Check Front NTC and attached wiring and module connections including relevant module connections. Check for trapped wiring below the air duct.
F04	Rear NTC	**No rise in temperature detected:** Check Heater circuit including Cycling Thermostat, One-Shot Thermostat, Heater and wiring. Also check Rear NTC Thermistor Open or Short Circuit. Check Rear NTC (attached to heater Frame) and attached wiring and module connections including relevant module connections.
F05	Heat Pump Refrigerant NTC open or short circuit	**Heat Pump Models only.** Check NTC, attached to the refrigerant circuit, Check attached wiring and module connections including relevant module connections
F07	Compressor - Open or Short Circuit	**Heat Pump Models only.** Test the Compressor, Capacitor, and attached wiring and connections including the relevant edge connector.
F08	Heater - Open or closed Circuit	**C and D Energy Models.** Test Heater and Heater circuit including the Cycling Stat. Check attached connections including the relevant Module connections.
F09	File Setting Corrupted	Rewrite settings file using EMIT, Smartcard or PDA.
F12	Communication Error	Check the wiring harness between the Display and Power Modules.
F13	Air Duct NTC Overheating	Check the Machines Filter is Clean. Check the machines air flow for blockages. Check the machines Plinth and air vents are not restricted or blocked. Check the NTC and attached Circuit and Connections. **Heat Pump Models.** Check the Front Filter (behind the Plinth) is clean and not blocked. Check the Rear Filter.
F14	Rear NTC Over Heating	Check the Cycling Thermostat is operating correctly. Check the Machines Filter is Clean. Check the machines air flow for blockages. Check the machines Plinth and air vents are not obstructed or blocked. Check the NTC and attached Circuit and Connections.
F15	Cool NTC Overheating (Refrigerant Circuit)	**Heat Pump Models only.** Check NTC, attached to the refrigerant circuit, Check attached wiring and module connections including relevant module connections
F18	BPM Communication	Check BPM motor plus wiring and connections bbween the motor and module.

Service Manual UK English

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Legend

Legend: 5407854