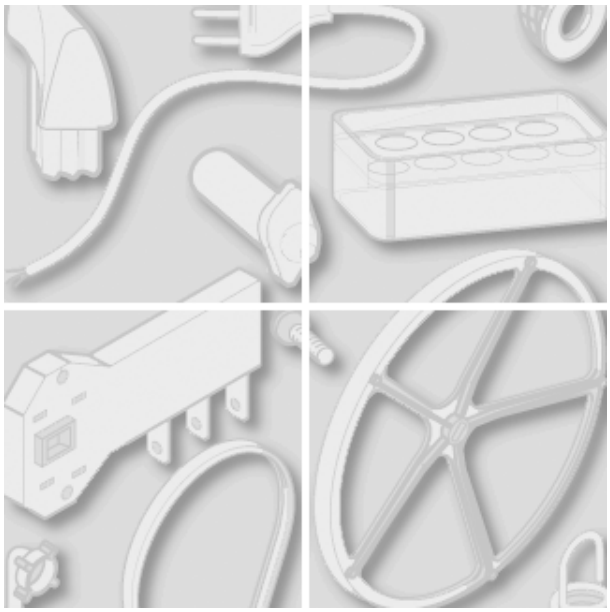
INDESIT company



Model type:
TCDG51XBEU

Commercial code:
F067654

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:

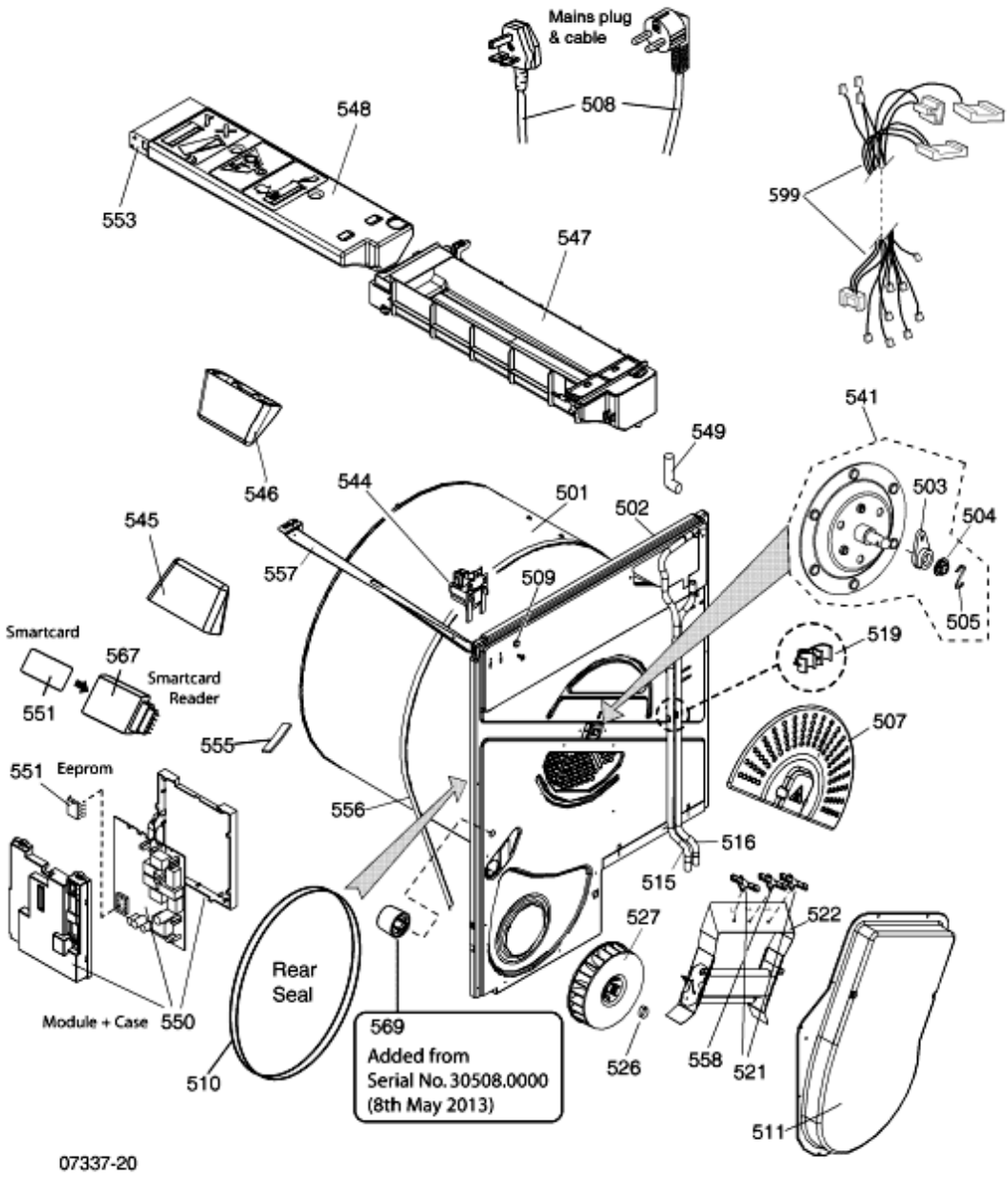
REF: reference no of spare into a table; SUBSTITUTE: list of spare(s) which can replace a code but that keeps same functional characteristics

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

07337-20 Exploded views



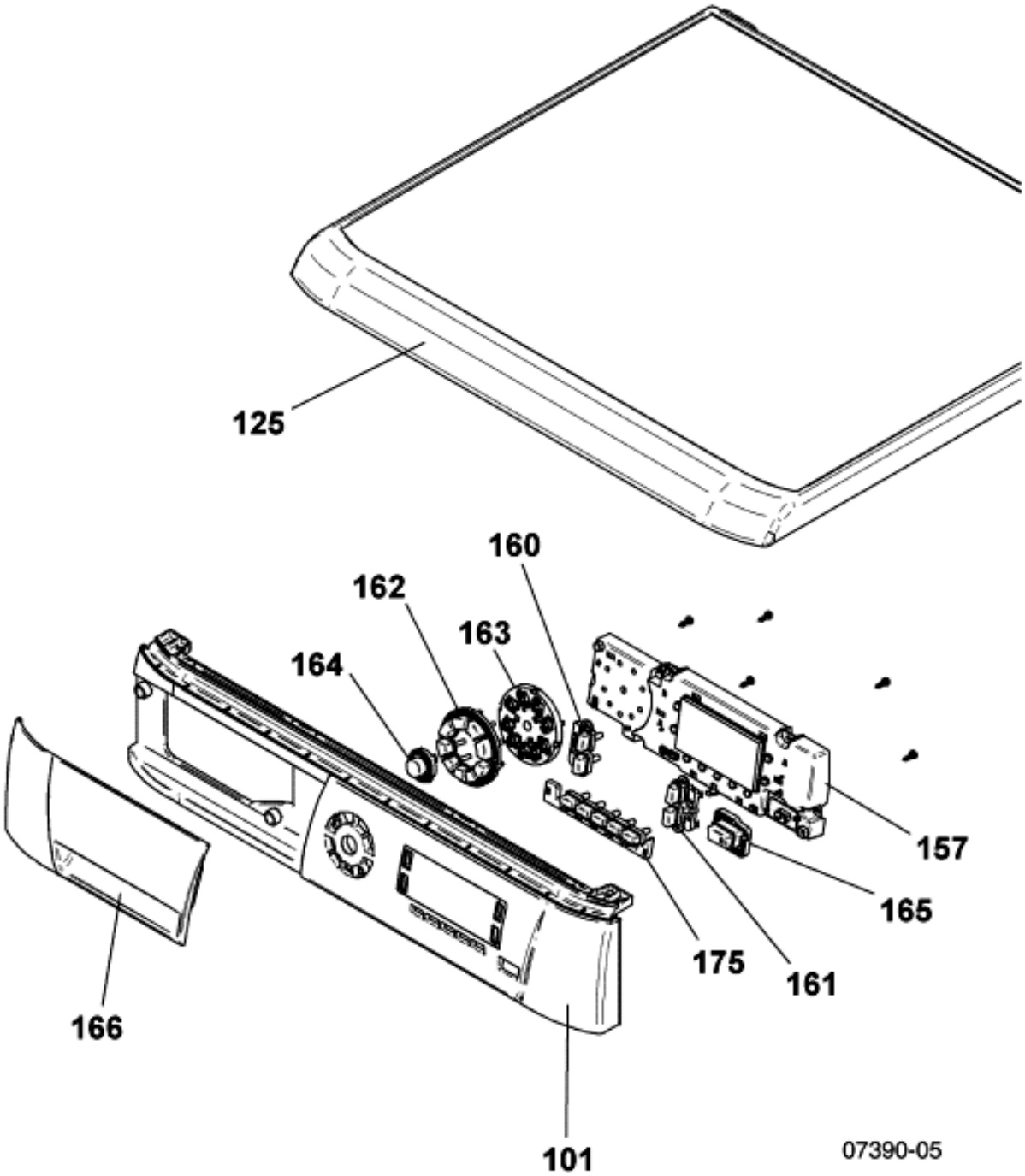
07337-20 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
501	C00268483			1 x C00287059	drum assy galv. fixed shaft	n4411j00	
501	C00287059				drum (pattern) galv assy	n4411j00	
502	C00113860				seal base rear panel		
502	C00258981			1 x C00298727	rear panel		
503	C00142628				drum rear bearing teardrop		
503	C00250889				screw		
504	C00142631				drum shaft collar		
505	C00209008			1 x C00095551	drive pin		
507	C00118929			1 x C00289203	brg cover plastic		
508	C00095999				mains cable and plug		
509	C00095556				cable clamp/grommet		
509	C00250833				no7 hilo pozi screw		
510	C00258640				rear seal		
511	C00264260		00815...		cover heater +wick		
511	C00280898	00816...			heater cover +insulating pad+wick	n4410f01	
515	C00113865				pipe pump to water container		
515	C00114676				pipe support		
516	C00113866				drain pipe 645mm		
521	C00116598				thermostat kit (one shot+cycling)		
522	C00277073	00101...	00815...		heater a2 2.05kw incl thermostats	n4410f01	
522	C00280489	00816...		1 x C00277072	heater assy a2 2.3kw bbc	n4410f01	
526	C00208347				clamp d.19		
527	C00226347				recirculating fan kit		
544	C00122256				screw 6 x 3/8		
544	C00271293				mains con and suppre kit		
545	C00141607			1 x C00286905	drum lifter short		
545	C00250835				screw 5 x 23		
546	C00141607			1 x C00286905	drum lifter short		
546	C00250835				screw 5 x 23		
547	C00254986			1 x C00287188	water container support grey		
548	C00193521				water container		
549	C00113897				water cont inlet		
550	C00277031	00101...	00815...	1 x C00280422	module a2 sw4.05.08	n4410f01	
550	C00280422	00816...			module a2 fw 4.5.14 bbc	n4410f01	
551	C00276535		00815...		card tcdg51beu 8kb 28676540001		

07337-20 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
551	C00281186	00816...			card tcdg51beu 8kb 2876540010	n4410f01	
553	C00256091				container adaptor		
555	C00255284				bearing pad grooved	n4414a03	
556	C00116358			1 x C00300793	belt (1991mm fitted)	n4413j00	
557	C00113902				side strut angled right		
558	C00143511				thermostat ntc (tod)		
599	C00199418				harness con/power bd		
599	C00254354	00612...			harness (j10)		
599	C00254356				harness front ntc		
599	C00254401				harness pump & float switch		
599	C00264094		00611...		harness door switch		

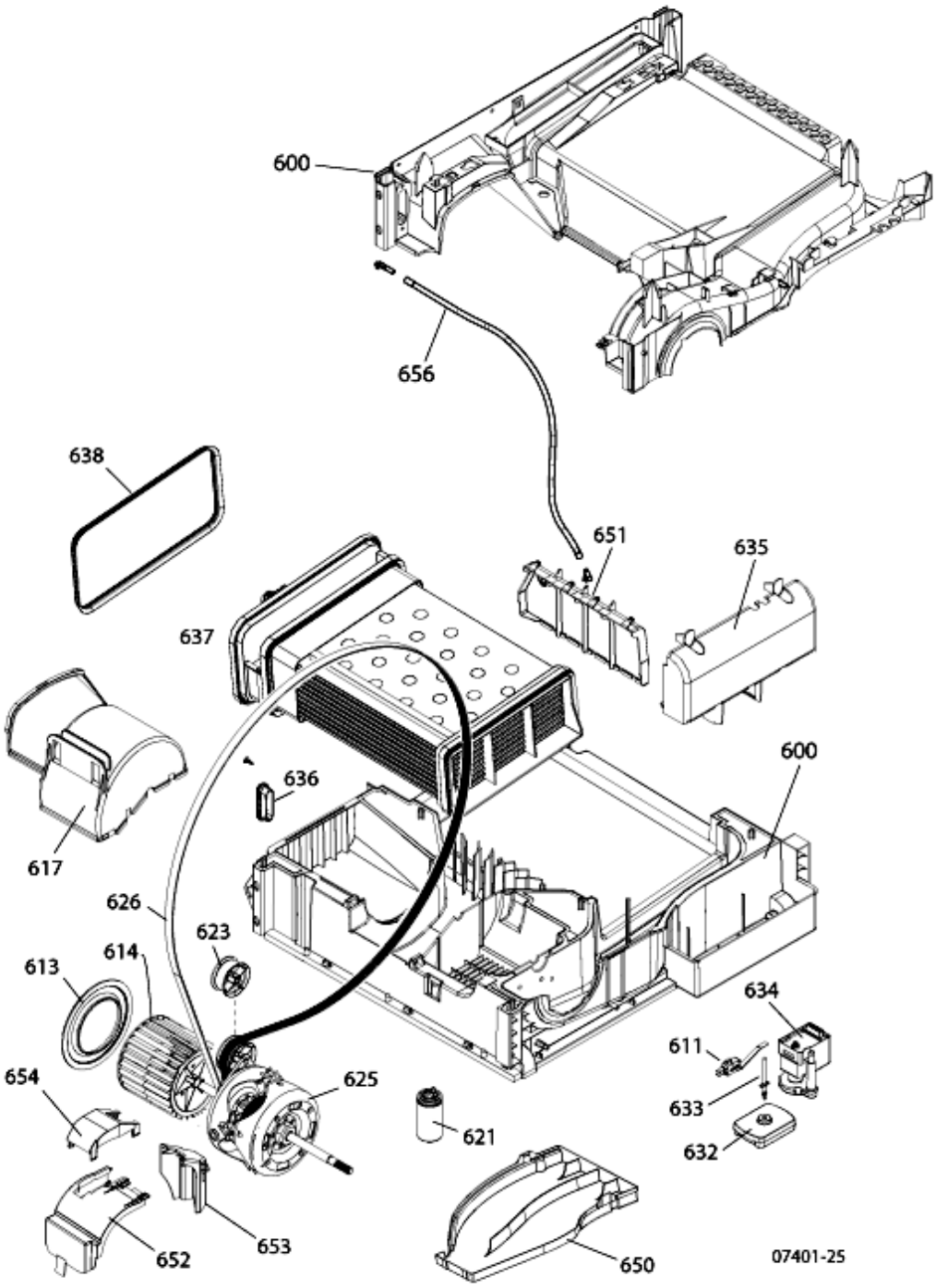
07390-05 Exploded views



07390-05 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
101	C00250852				no8 x 1pan head		
101	C00276628				console panel tcdg51beu		
125	C00095621			1 x C00250894	screw 8x1/2		
125	C00113843				table top		
157	C00257921		91101...	1 x C00276317	control dispaly lcd		
157	C00276317	91102...			control dispaly lcd stand -by	n4409k01	
160	C00257923				pushbutton lcd aluminium left		
161	C00257930				button alum rh		
162	C00257976				button programs (p)		
163	C00257984				buttons support		
164	C00257971				on-off button off alum		
165	C00255969				button		
166	C00275856				drawer handle		
175	C00257925				option button (5)		

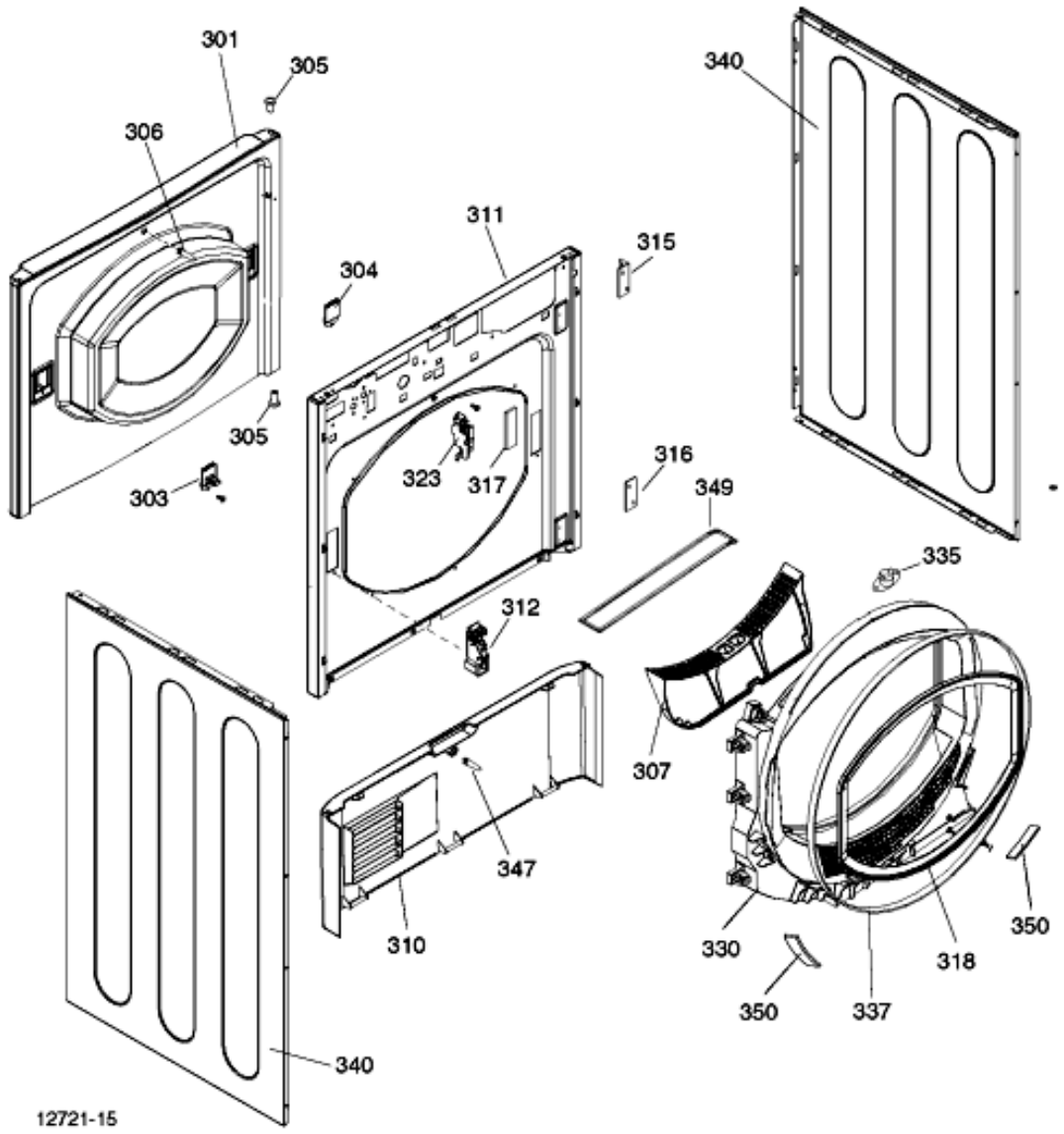
07401-25 Exploded views



07401-25 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
600	C00258610			1 x C00287037	base grey		
600	C00271612				screw 14mm cond base		
611	C00258878				float switch n/o		
613	C00275391			1 x C00288996	ring inlet cool fan b energy +7kg		
614	C00208347				clamp d.19		
614	C00272335				impeller cooling (td) 72mm		
617	C00113878			1 x C00288190	impeller cover grey		
621	C00258619				capacitor 8.5 uf.	n4414a0a	
621	C00275351				capacitor 9.5uf	n4414a0a	
623	C00113879				jockey wheel and bracket		
625	C00270657				screw m5x20		
625	C00275348			1 x C00306348	motor type 356 (use 9.5uf cap)	n4410f01	
626	C00116358			1 x C00300793	belt (1991mm fitted)	n4413j00	
632	C00195866				float		
633	C00195867				float pin 78mm		
634	C00193127			1 x C00306876	pump		
635	C00193187			1 x C00288932	pump and float cover		
636	C00113889				serial port cover		
637	C00113890	00816...		1 x C00287179	condenser	n4410f01	
637	C00258585		00815...		condenser	n4410f01	
650	C00258863		00815...		base duct lower	n4410f01	
651	C00258597				base cover		
652	C00258861		00815...		motor cover	n4410f01	
653	C00258858		00515...		motor cover	n4410f01	
654	C00258670		00815...		motor cover	n4410f01	
656	C00113865				pipe pump to water container		
656	C00113897				water cont inlet		

12721-15 Exploded views



12721-15 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
301	C00271346				door liner assy fmd white hp/ah		
303	C00095514			1 x C00119841 1 x C00119844	door latch emz		
303	C00254964				logo ar+hp		
304	C00119843				dr latch blank		
305	C00274790				hinge block		
306	C00113847				door plastic probe		
307	C00113848				fluff filter blue condenser		
310	C00115743				cover plinth		
311	C00095621			1 x C00250894	screw 8x1/2		
311	C00250713			1 x C00194446	screw 8x.5 p/pan		
311	C00254950				front panel white		
312	C00095523			1 x C00257618	door catch		
312	C00250713			1 x C00194446	screw 8x.5 p/pan		
315	C00113851				hinge door upper '		
315	C00250851			1 x C00266178	m3.5 x 12 pozi pan		
316	C00113852				door lower hinge fmd		
316	C00250851			1 x C00266178	m3.5 x 12 pozi pan		
317	C00119847				dr catch blank		
318	C00255987			1 x C00286300	door seal grey	n4411g00	
318	C00286326			1 x C00286300	door seal white	n4411g00	
323	C00113854				microswitch & lever		
330	C00141612				sensor strip		
330	C00250713			1 x C00194446	screw 8x.5 p/pan		
330	C00258608			1 x C00286630	air duct grey b energy	n4411g07	
330	C00286630				air duct white b energy	n4411g07	
335	C00142702				thermostat front		
337	C00258575				drum seal		
340	C00113856				side panel fmd white		
340	C00122256				screw 6 x 3/8		
347	C00113858				latch plinth cover		
347	C00115798				plinth cover catch		
349	C00142773			1 x C00286912	front air duct to base seal		
350	C00255284				bearing pad grooved	n4414a03	

Notices

n4409k01: Introduction of Interface Module with Stand–By

From serial number 91102.0001 a new interface module with ‘Stand-By’ was introduced on production and is fitted to all electronic tumble dryers. The "Stand-By" mode is activated after the machine has finished the programme. This module can be used as a direct replacement for the version without Stand-By.

n4410d00: Settings file for ‘Stand-By’

With the introduction of Stand – By from 2/11/09 (091102.0001) Indesit FMD & some Aqualtis models were given a new settings file to rev. 01*. This will have an affect when replacing the electronic interface card and control module.

Service replacement of the electronic interface card will be of the Stand – By version
When replacing a control module or electronic interface card to a model manufactured before 091102.0001 use settings file rev.00.* Stand – By is not affective.

When replacing a control module or electronic interface card to a model manufactured from 091102.0001 uses settings file rev.01.* Stand – By is affective.

Two versions of control module are used on this product identified as A1 & A2, all models produced with the A2 module are fitted with the Stand – By version of electronic interface card and settings file Re. 01*

*Model AQCF851BUFR - 61408 settings file changes from rev.01. to 02.

See notice n4409k02 for further information on control the module

n4410f01: 350 MOTOR AND B Energy BOM Changes

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350 MOTOR
THE 350 motor once current stock is exhausted, will no longer be available.
The 356 motor with a 9.5uf Capacitor is a suitable replacement.

CAPACITORS
When replacing a capacitor, the motor fitted must be first identified.
350 MOTOR 8.5uF
362/363 MOTOR 8.5uF
356 MOTOR 9.5uF
THE CORRECT CAPACITOR MUST ALWAYS BE FITTED.

From 16/08/2010, Serial No.0816.0001 the build of some 7.Kg, 7.5Kg & 8Kg level 2 and level 3 B Energy rated condenser dryers changed to a new B Energy build using an A2 control module with 4.5.14 firmware along with a new type 362 motor and 2.3Kw insulated heater assembly. The base unit is based on the Aqualtis B Energy but using the C Energy type condenser unit with the base duct and motor covers removed.

n4411g00: CONDENSER DRYER DOOR SEALS

ON SELECTED TUMBLE DRYERS FROM JUNE 2011 THE DOOR SEAL COLOUR CHANGED FROM GREY TO WHITE.
SELECTED THE CORRECT PART BY DESCRIPTION IN THE PARTS LIST

n4411g07: CONDENSER FRONT AIR DUCT COLOUR CHANGE

FROM JUNE 2011 THE FRONT AIR DUCT FITTED TO CONDENSER TUMBLE DRYERS CHANGED IN PRODUCTION FROM GREY TO WHITE.
SELECTED THE CORRECT PART BY DESCRIPTION IN THE PARTS LIST

n4411j00: PATTERN DRUM INTRODUCED

FROM OCTOBER 2011 A PATTERN DRUM HAS BEEN USED IN PRODUCTION.
THE PATTERN DRUM IS INTERCHANGABLE WITH THE PREVIOUS PLAIN DRUM.
ONCE STOCKS OF THE PLAIN DRUM ARE EXHAUSTED.
THE PATTERN DRUM WILL BE THE SERVICE SPARE.

NOTE
TWO PLAIN DRUMS WERE USED IN PRODUCTION.
THE DRUM SHAFT CAN ONLY BE REPLACED IF THE ORIGINAL DRUM TO SHAFT FIXING IS SCREWED. IF THE DRUM SHAFT IS RIVETED TO THE DRUM, THE COMPLETE DRUM HAS TO BE REPLACED.

n4414a0a: CAPACITORS CONDENSER DRYERS

THE CORRECT SIZE CAPACITOR MUST ALWAYS BE USED.

356 MOTOR	9.5uf CAPACITOR
364 MOTOR	8uf CAPACITOR
351 MOTOR	8uf CAPACITOR
392/363 MOTOR	8.5uf CAPACITOR
365/366 MOTOR	9.5uf CAPACITOR

n4413j00: BREAKING BELTS

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

n4414a03: BEARING PADS REDUCED

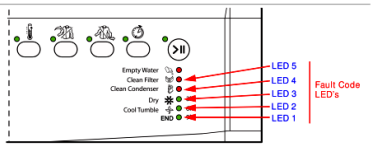
FROM JUNE 2013 THE NUMBER OF BEARING PADS FITTED IN PRODUCTION WAS REDUCED FROM 5 to 4.
FROM THIS DATE THE LEFT HAND BEARING PAD (WHEN VIEWED FROM THE FRONT) IS NO LONGER FITTED

Electric schemes and links

Cod. 5407583

Indesit Company

INDESIT TUMBLE DRYER - LED FAULT CODES



A fault is indicated by the Start/Pause and Option LEDs flashing - plus one or more of the Fault Code LEDS illuminated (but not flashing) together.

Note: The first 15 minutes of all automatic cycles is used to calculate the estimated drying time.

FAULT CODE TABLE

FAULT	CAUSE	STATUS OF LEDs - LED COMBINATION				
		5	4	3	2	1
F01	Motor triac in short circuit or Relay of motor welded closed	OFF	OFF	OFF	OFF	ON
F02	Blocked motor (fan blocked).	OFF	OFF	OFF	ON	OFF
F03	Front NTC open or short circuit	OFF	OFF	OFF	ON	ON
F04	Pump working when should be off.	OFF	OFF	ON	OFF	OFF
F05	Pump not working when should be on.	OFF	OFF	ON	OFF	ON
F06	Non used, active	OFF	OFF	ON	ON	OFF
F07	Lower element failure	OFF	OFF	ON	ON	ON
F08	Static heater relay welded closed	OFF	ON	OFF	OFF	OFF
F09	Error set-up file. EEPROM is not programmed or not functioning	OFF	ON	OFF	OFF	ON
F10	Common of heater open, one shot open	OFF	ON	OFF	ON	OFF
F11	Pump open circuit.	OFF	ON	OFF	ON	ON
F12	No communication between display board and control board	OFF	ON	ON	OFF	OFF
F13	Rear NTC open or short circuit.	OFF	ON	ON	OFF	ON
F14	Upper element failure	OFF	ON	ON	ON	OFF
F15	Dynamic (PD) heater relay welded closed	OFF	ON	ON	ON	ON
F16	Not used, active	ON	OFF	OFF	OFF	OFF
F17	Master relay welded closed	ON	OFF	OFF	OFF	ON

For additional Fault Code information see next page.

Indesit Company

DIAGNOSTIC NOTES - LED CONSOLE TUMBLE DRYERS

Float Switch Operation

The Tumble Dryer will continue to tumble and heat for 1 minute, and then tumble with no heat for a further 10 minutes. Therefore after float switch operation no warnings will display for upto 12 minutes.

ONE SHOT Thermostat Operation

Before Serial number 70802.0000, the relevant fault code will display.

A1 Module Versions:

Between serial numbers 70802.0001 and 91123.0000 (A1) the Tumble Dryer will "shut down", all LEDS and display are OFF.

A2 Module Versions:

From Serial number 00101.0000 (A2) the heater will turn off, but the programme will continue with normal drum operation, the Tumble Dryer will not dry.

Between Serial Numbers 91123.0001 and 91231.9999 :

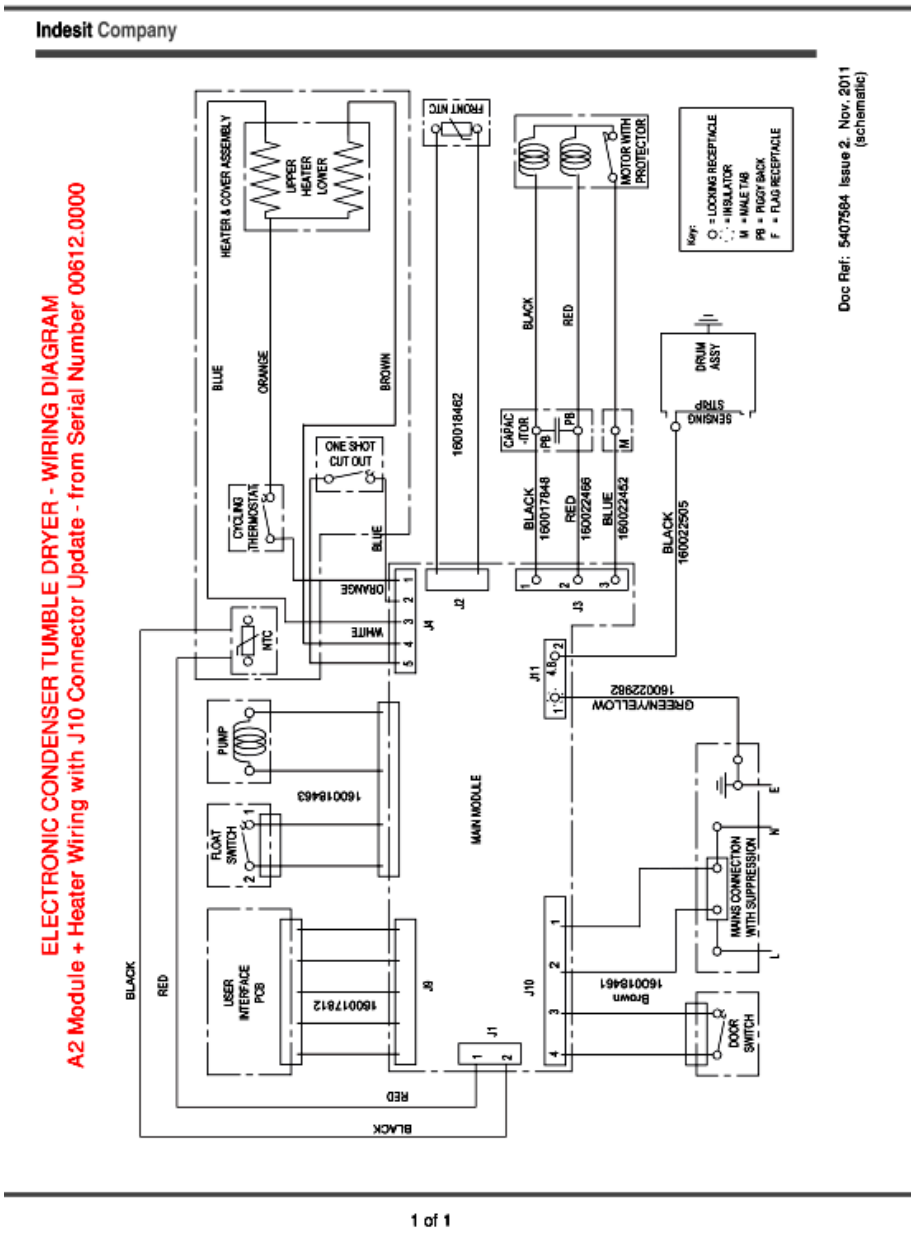
- If Tumble Dryer has no blue dot on rear panel see A1 above
- If Tumble Dryer has a blue dot on rear panel see A2 above.

Legend

Legend: 5407583

Electric schemes and links

Cod. 5407584



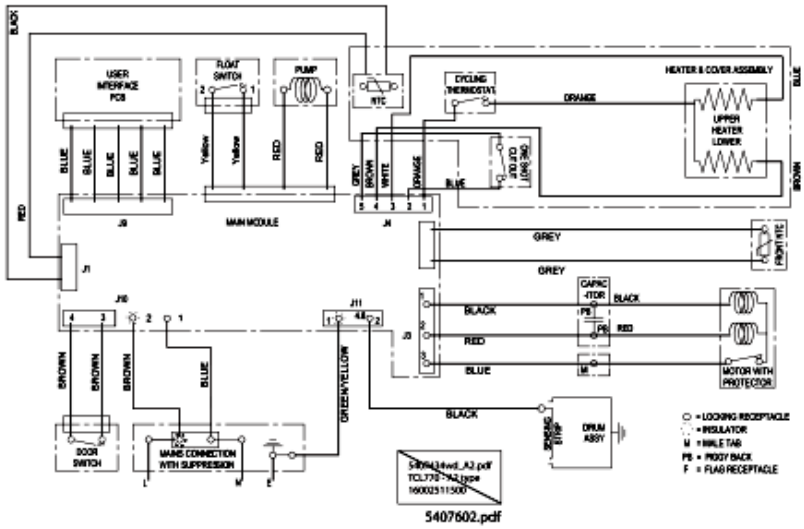
Legend

Legend: 5407584

Electric schemes and links

Cod. 5407602

WIRING DIAGRAM - Models fitted with A2 type Module & Heater BEFORE Serial No. 00612.0000



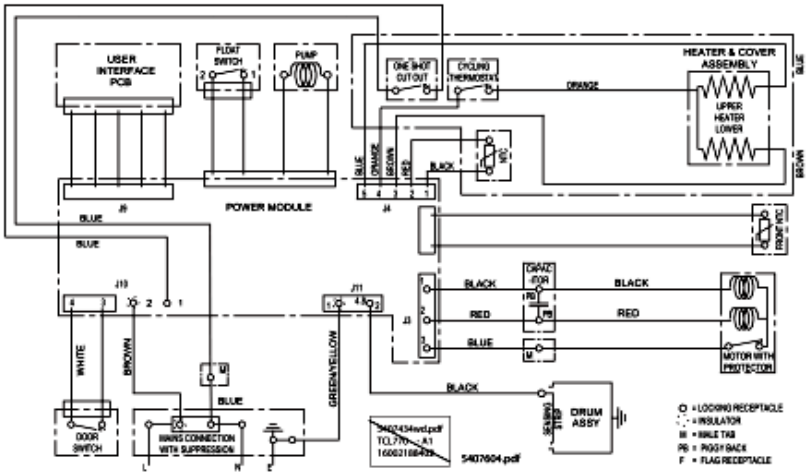
Legend

Legend: 5407602

Electric schemes and links

Cod. 5407604

WIRING DIAGRAM - Models fitted with A1 type Module & Heater



Legend

Legend: 5407604