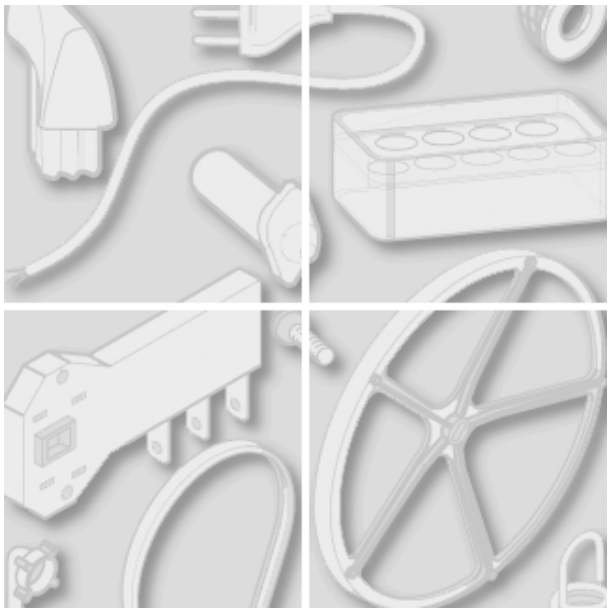
INDESIT company



Model type:
IDCA845AECOIT

Commercial code:
F081130

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:

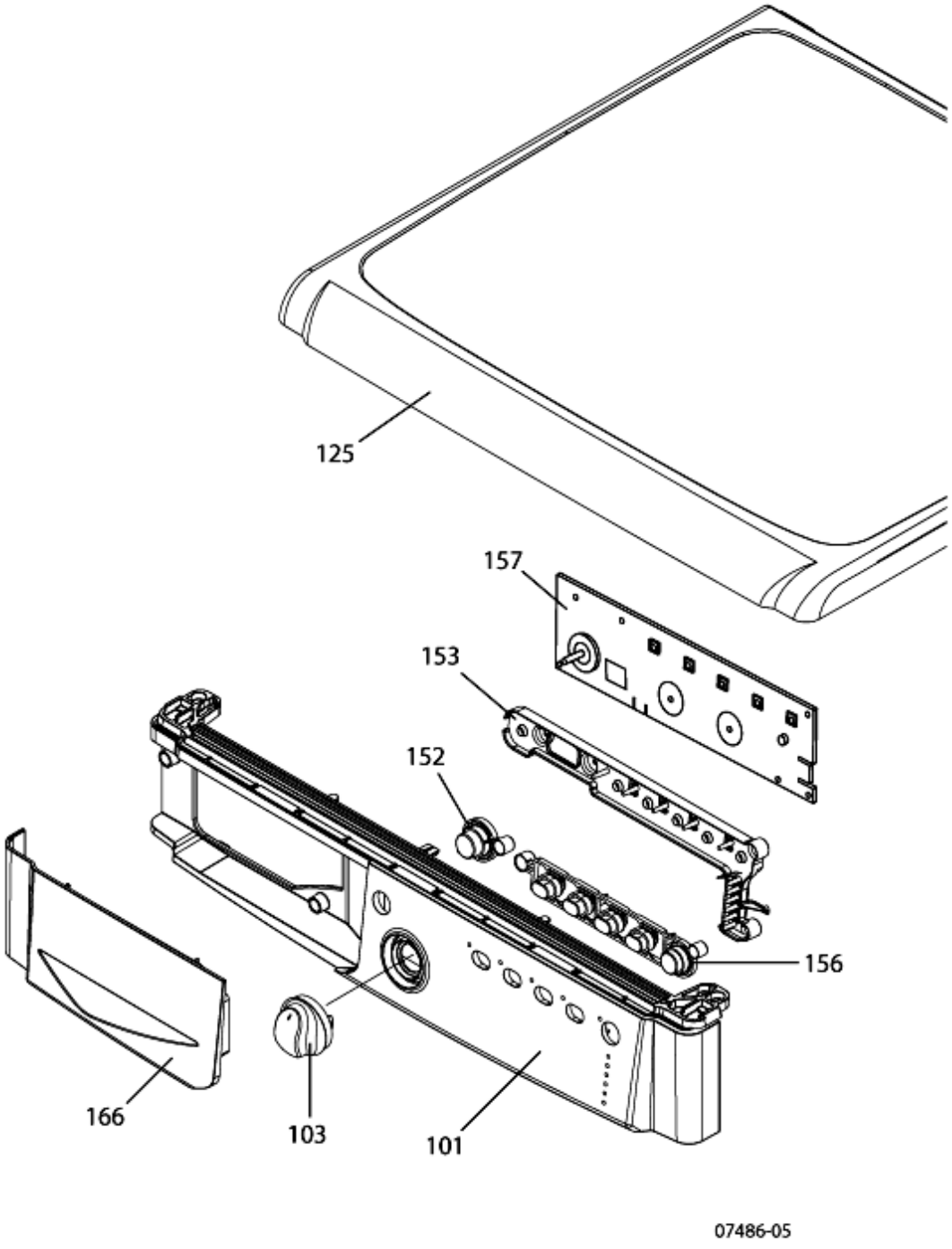
REF: reference no of spare into a table; SUBSTITUTE: list of spare(s) which can replace a code but that keeps same functional characteristics

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

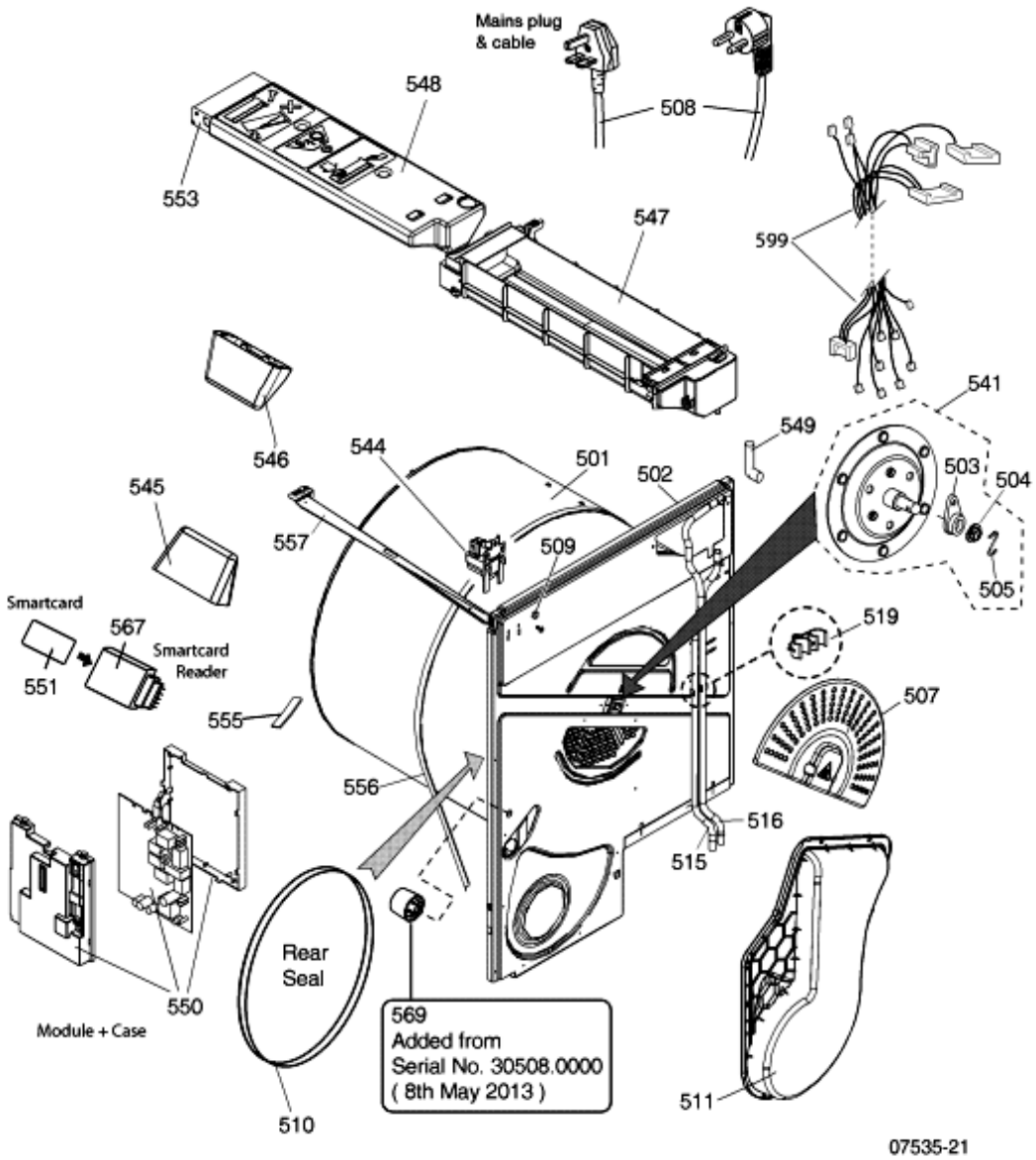
07486-05 Exploded views



07486-05 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
101	C00294129				dashboard + handle idca845aecoit		
103	C00271172				programme knob		
125	C00114683				white top		
152	C00306484				on-off button white		
153	C00270601				support display module ecotime		
156	C00306486				button option white		
157	C00276318		20926...		electronic card (td) stand - by	n4412l02	95811300000
157	C00294628	20927...		1 x C00300591	control display eco led	n4412l02	95811300000
							95811300100
							95811304400
166	C00294133				drawer handle idca845aecoit		

07535-21 Exploded views



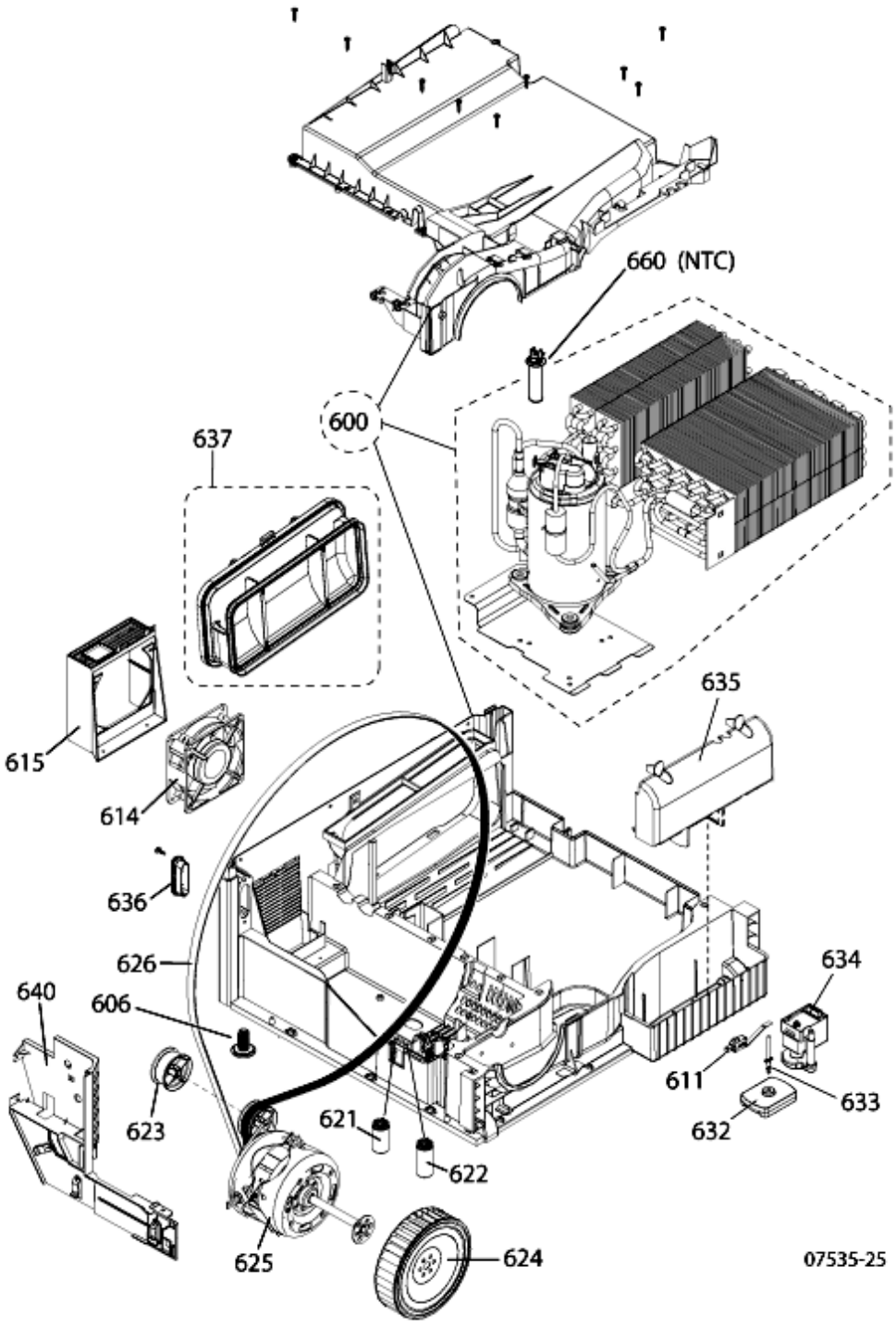
07535-21 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
501	C00287059				drum (pattern) galv assy		
502	C00113860				seal base rear panel		
502	C00288917		30722...		rear panel a energy (with hole)	n4414c03	
502	C00301264				a energy yate rear panel plug	n4413i01 n4414c03	
502	C00301265	30723...			rear panel rechi comp s a class	n4414c03	
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	C00290053				rear cover white		
515	C00113865				pipe pump to water container		
515	C00114676				pipe support		
516	C00113866				drain pipe 645mm		
541	C00305794				drum shaft kit (riveted drum plate)		
544	C00122256				screw 6 x 3/8		
544	C00301275				suppressor dryer np		
545	C00250835				screw 5 x 23		
545	C00286905				drum lifter short curved		
546	C00250835				screw 5 x 23		
546	C00286905				drum lifter short curved		
547	C00287188				water container support white		
548	C00193521				water container		
549	C00113897				water cont inlet		
550	C00279825		20926...		module a2 heat pump evo ii	n4412l02	95811300000
550	C00296109	20927...		1 x C00303312	module arcadia dryer a class	n4412l02	95811300000 95811300100 95811304400
551	C00294132		20926...		card idca845aecoit 8kb	n4412l02	95811300000
551	C00296358	20927...			card idca845aecoit 8kb	n4412l02	95811300000

07535-21 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
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		
599	C00254354		20926...		harness (j10)	n4412l02	95811300000
599	C00254356		20926...		harness front ntc	n4412l02	95811300000
599	C00278588		20926...		harness aq a class	n4412l02	95811300000
599	C00279523				cable sensing strip		
599	C00294398	20927...			harness l&n dryer condenser	n4412l02	95811300000 95811300100 95811304400
599	C00296340	20927...			harness heat pump compressor-	n4412l02	95811300000 95811300100 95811304400
599	C00296341	20927...			harness heat pump-pump_float	n4412l02	95811300000 95811300100 95811304400
599	C00296342	20927...			harness heat pump ntc-door-ntc	n4412l02	95811300000 95811300100 95811304400
999	C00115270			1 x C00296170	shoe drying rack		
999	C00295636				service manual		

07535-25 Exploded views



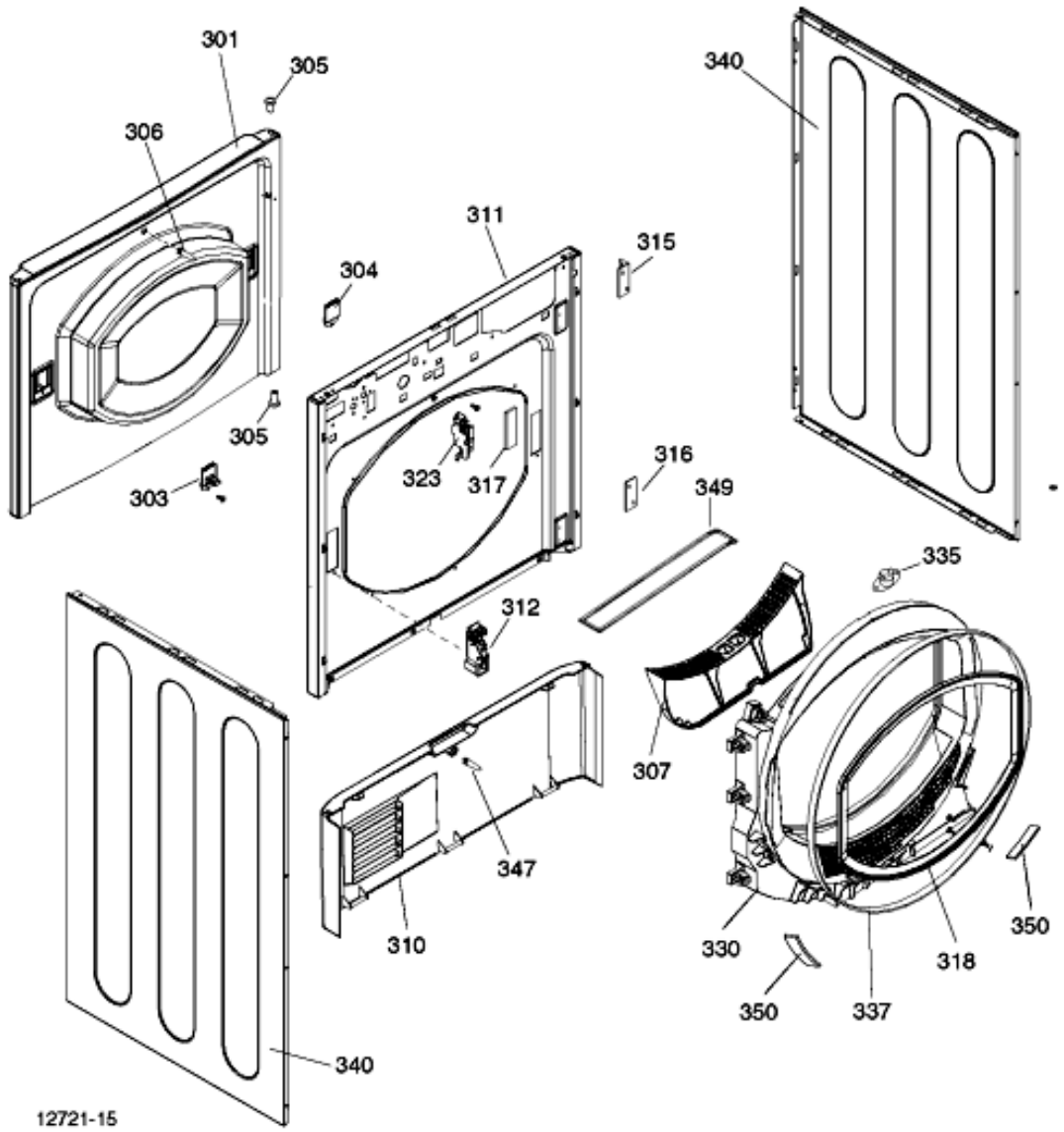
07535-25 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
600	C00280424		20926...	1 x C00301100	base assembly "a"class -30 ##	n4412l02 n4413i01	95811300000
600	C00296118	20927...		1 x C00301100	base assembly -40% arcadia	n4412l02 n4413i01	95811300000 95811300100 95811304400
600	C00301264				a energy yate rear panel plug	n4413i01 n4414c03	
606	C00262630				foot mount insert		
606	C00283414				adjustable foot		
611	C00258878				float switch n/o		
614	C00278773		20926...	1 x C00301562	impeller cooling (td) a class	n4412l02	95811300000
614	C00296339	21227...		1 x C00301562	impeller cooling (td) a class	n4412l02	95811300000 95811300100 95811304400
615	C00287987				fan cover a+30		
621	C00258619				capacitor 8.5 uf.	n4414a0d	
621	C00275351				capacitor 9.5uf	n4414a0d	
622	C00279827				capacitor 17 uf. compressor	n4413d00	95811300000 95811300100 95811304400
622	C00296252				capacitor 18 uf. compressor	n4413d00	95811300000 95811300100 95811304400
623	C00280370			1 x C00113879	jockey wheel and bracket		
624	C00095611		40112...		screw m5 t/tite hex	n4414a0c	
624	C00208347	40113...			clamp d.19	n4414a0c	
624	C00280389		40112...		fan (td) metal (screw fixing)	n4414a0c	
624	C00303107	40113...			fan (td) plastic fan (clip fixing)		
625	C00270657				screw m5x20		
625	C00278704		20926...		motor 360 a class 8.5uf cap metal	n4412l02	95811300000
625	C00296331	20927...	40112...		motor 370 a class 8.5uf cap. metal	n4412l02 n4414a0c	95811300000 95811300100 95811304400
625	C00303120	40113...		1 x C00303424	motor 381/383 a 9.5uf cap plastic	n4414a0c	
626	C00116358			1 x C00300793	belt (1991mm fitted)	n4413j00	

07535-25 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
632	C00195866				float		
633	C00259700				float pin 75mm		
634	C00193127			1 x C00306876	pump		
635	C00288932				pump and float cover white		
636	C00113889				serial port cover		
637	C00280393				filter and support assembly		
640	C00278596	20927...			cable guide housing a class	n4412l02	95811300000
640	C00294037		20926...		cable guide housing a class arcadia	n4412l02	95811300000
							95811300100
							95811304400
660	C00278597		20926...		thermostat 52'c surface mounted	n4412l02	95811300000
660	C00296193	20927...			ntc thermistor arcadia heat pump	n4412l02	95811300000

12721-15 Exploded views



12721-15 Spare parts list

Ref.	Code	From	To S/N	Substitute	Description	Notice	Industrial
301	C00114678				door & liner assy indesit bianco		
301	C00271304				logo indesit		
303	C00095514			1 x C00119841	door latch emz		
				1 x C00119844			
304	C00119843				dr latch blank		
305	C00274790				hinge block		
306	C00113847				door plastic probe		
307	C00113848				fluff filter blue condenser		
310	C00114679			1 x C00141599	plinth		
311	C00254950				front panel white		
312	C00095523			1 x C00257618	door catch		
315	C00114680				door hinge upper		
315	C00250851			1 x C00266178	m3.5 x 12 pozi pan		
316	C00114681				door lower hinge		
316	C00250851			1 x C00266178	m3.5 x 12 pozi pan		
317	C00119847				dr catch blank		
318	C00286326			1 x C00286300	door seal white		
323	C00113854				microswitch & lever		
330	C00141612				sensor strip		
330	C00286630				air duct white b energy		
335	C00142702		20926...		thermostat front	n4412l02	95811300000
335	C00291937	20927...			thermistor front arcadia td	n4412l02	95811300000
							95811300100
							95811304400
337	C00258575				drum seal		
340	C00113856				side panel fmd white		
347	C00113858				latch plinth cover		
347	C00115798				plinth cover catch		
349	C00280391			1 x C00295492	seal silicone white (fad to base)		
350	C00255284				bearing pad grooved	n4414a03	

Notices

n4412l02: ARCADIA INTRODUCTION HEAT PUMP MODELS

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 OF THE DASHBOARD AND HANDLE.
PLEASE SELECT PARTS ACCORDING TO THE SERIAL NUMBER OF THE MACHINE

n4413d00: HEAT PUMP COMPRESSOR CAPACITORS

TWO DIFFERENT CAPACITORS HAVE BEEN USED IN PRODUCTION, DEPENDING WHICH HEAT PUMP COMPRESSOR IS FITTED TO THE MACHINE.

17uF IF A HIGHLY (HITACHI) COMPRESSOR
18uF IF A REICHI COMPRESSOR
UPTO 2012 ONLY THE HIGHLY (HITACHI) COMPRESSOR WAS USED IN PRODUCTION
FROM 2012 BOTH COMPRESSORS HAVE BEEN USED IN PRODUCTION

HIGHLY (HITACHI) COMPRESSOR	17uF CAPACITOR
REICHI COMPRESSOR	18uF CAPACITOR

n4413f00: 382 MOTOR IN PRODUCTION JUNE/JULY 2013

DURING JUNE AND JULY 2013 ONLY A 382 MOTOR AND 9.5UF CAPACITOR WERE USED IN PRODUCTION.
A NEW HARNESS SECTION -PUMP-FLOAT TO MODULE WAS ALSO INTRODUCERD WITH THE 382 MOTOR.

360 MOTOR 8.5uf CAPACITOR
370 MOTOR 8.5uf CAPACITOR
382 MOTOR 9.5uf CAPICITOR

THE CORRECT CAPACITOR MUST ALWAYS BE FITTED.

n4413i01: SERVICE HEAT PUMP BASE ASSEMBLY

All A class Heat Pump Bases are being superseded to the Yate Heat Pump Service Base. (REICHI COMPRESSOR)

When replacing an Imat (Highly Compressor) base with a Yate (REICHI COMPRESSOR) Heat pump base, if there is a 20mm Ventilation hole in the rear panel you will need to order a plug (grommet) to block off this hole.
This needs to be ordered as a seperate part. See Parts list for part number.

n4414a0c: HEAT PUMP MOTOR AND FAN

A NEW MOTOR WITH A PLASTIC FAN AND REVISED FAN FIXING HAVE BEEN USED IN PRODUCTION.
THE NEW MOTOR AND FAN ARE NOT INTERCHANGEABLE WITH THE ORIGINAL MOTOR WITH A METAL FAN.

n4414a0d: HEAT PUMP MOTOR CAPACITORS

THE CORRECT MOTOR CAPACITOR MUST ALWAYS BE FITTED

MOTOR TYPE 360	8.5uf CAPACITOR
MOTOR TYPE 370	8.5uf CAPACITOR
MOTOR TYPE 381/383	9.5uf CAPACITOR
MOTOR TYPE 382	9.5uf CAPACITOR
MOTOR TYPE 380	8.5uf CAPACITOR

n4414c03: REAR PANEL WITHOUT VENTILLATION HOLE INTRODUCED

A NEW REAR PANEL HAS BEEN INTRODUCED INTO PRODUCTION

THE NEW REAR PANEL (THE VENTILLATION HOLE HAS BEEN REMOVED) MUST ONLY BE FITTED TO MODELS WITH A RECHI COMPRESSOR.
THE ORIGINAL REAR PANEL HAD A 20mm OR 25mm VENTILATION HOLE FOR MACHINES WITH THE ORIGINAL HIGHLY COMPRESSOR.
IF A BASE WITH A RECHI COMPRESSOR IS FITTED TO A BACK PANEL WITH A VENTILATION HOLE. THE HOLE MUST BE PLUGGED. THE PLUG IS IN THE PARTS LIST.

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

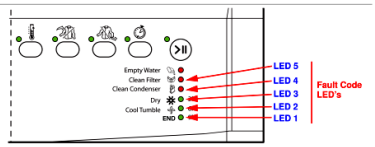
FROM JUNE 2013 THE NUMBER OF BEARING PADS FITTED IN PRODUCTION WAS REDUCED FROM 5 to 4.
FROM THIS DATE THE LEFT HAND BEARING PAD (WHEN VIEWED FROM THE FRONT) IS NO LONGER FITTED

Electric schemes and links

Cod. 5407583

Indesit Company

INDESIT TUMBLE DRYER - LED FAULT CODES
for Models with EVO2 Electronics



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.

Service Manual UK English

Doc. Ref: 5407583 / C00309339 / SM004045. Issue 2. Dec. 2015 1 of 2

Indesit Company

DIAGNOSTIC NOTES - LED CONSOLE TUMBLE DRYERS
for Models with EVO2 Electronics

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.

Service Manual UK English

Doc. Ref: 5407583 / C00309339 / SM004045. Issue 2. Dec. 2015 2 of 2

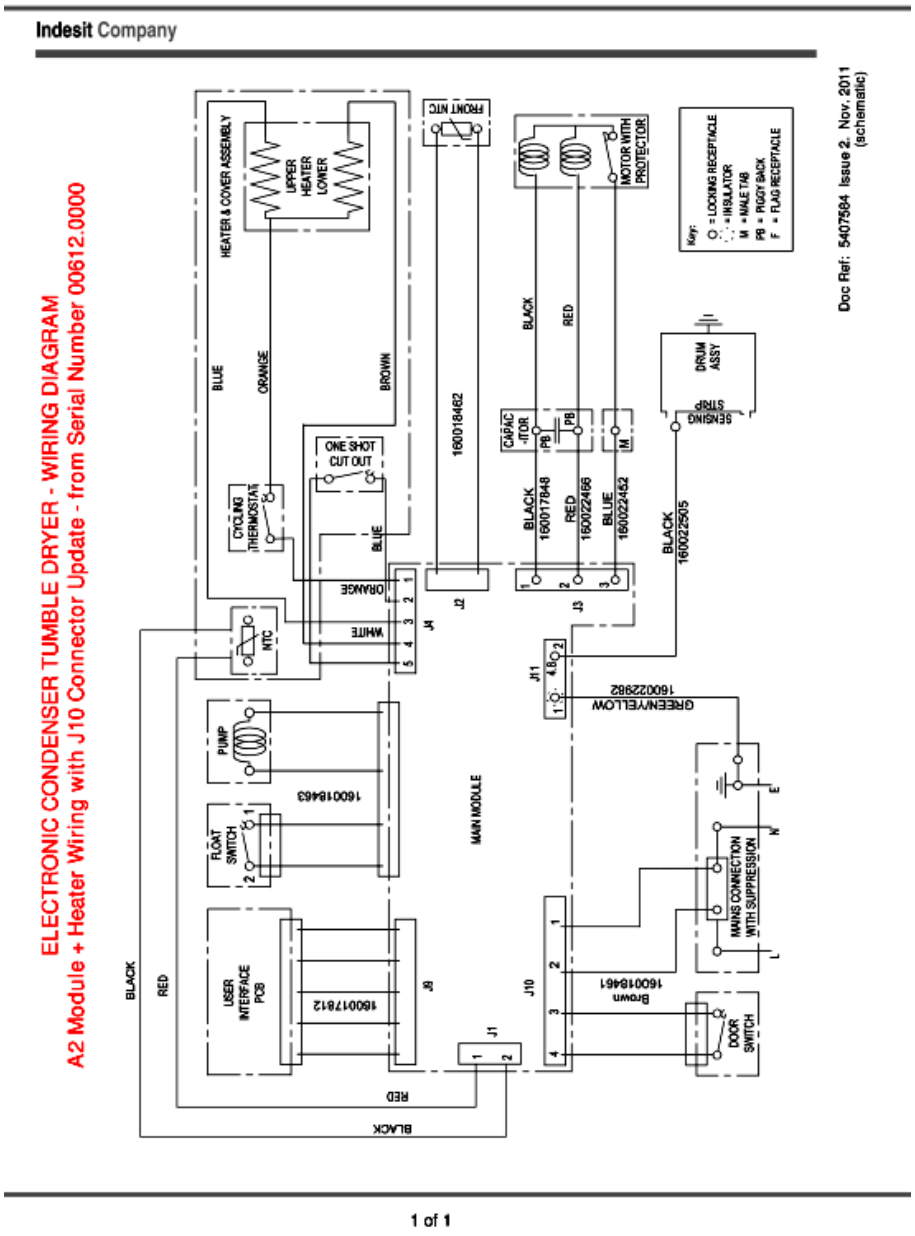
Legend

Legend: 5407583

Electric schemes and links

Cod. 5407584

Valid plan for the following Industrial codes 95811300000



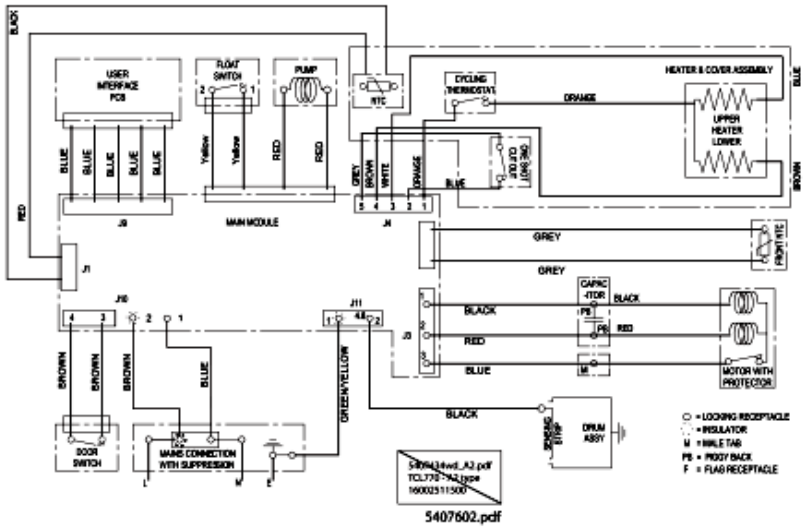
Legend

Legend: 5407584

Electric schemes and links

Cod. 5407602

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

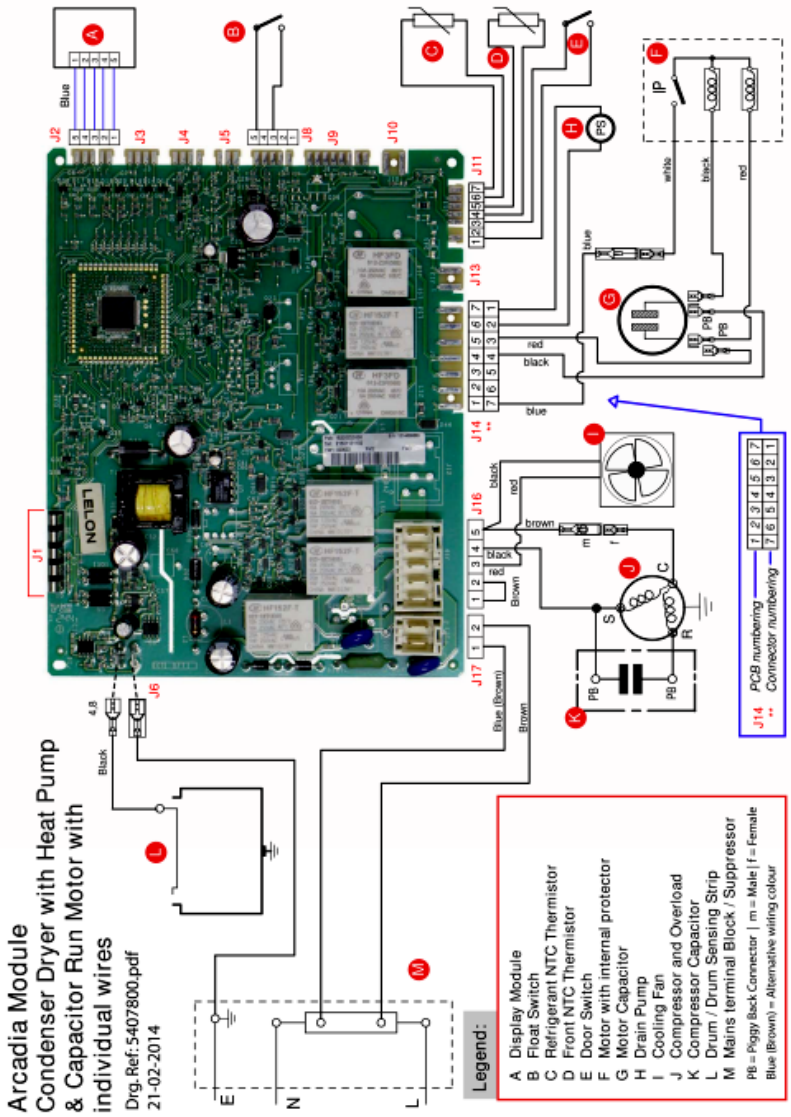


Legend

Legend: 5407602

Electric schemes and links

Cod. 5407800

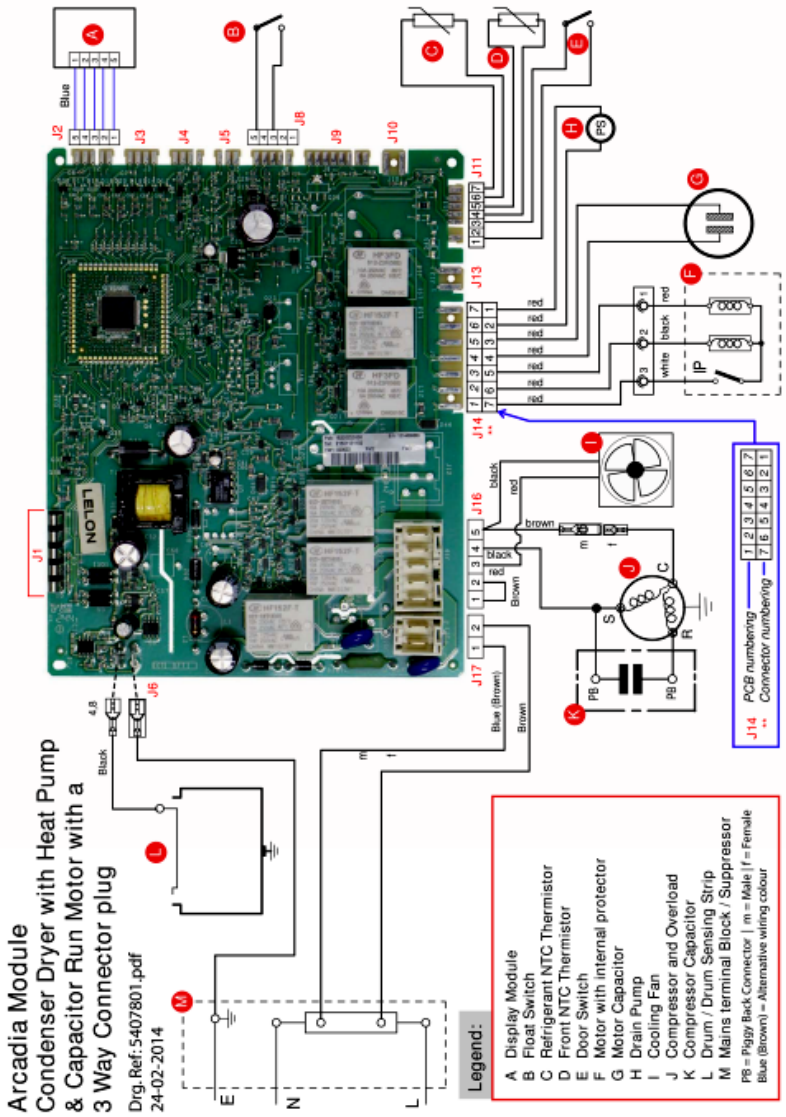


Legend

Legend: 5407800

Electric schemes and links

Cod. 5407801



Legend

Legend: 5407801

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

Doc. Ref: 5407854 / C00309221 / SM004031 Page 1 of 3

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 Vent Hose.
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.

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Legend

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