



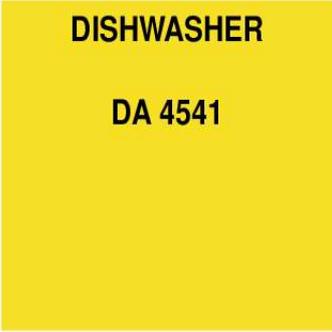
# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for ZANUSSI DA4541. You'll find the answers to all your questions on the ZANUSSI DA4541 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

**User manual ZANUSSI DA4541**  
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**ZANUSSI**



**DISHWASHER**

**DA 4541**

 Instruction book



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**Manual abstract:**

You MUST read it carefully before installing or using the appliance. Installation q Check your dishwasher for any transport damage. Never connect a damaged machine. If your dishwasher is damaged, you should contact your supplier. For safety reasons it is dangerous to alter the specifications or attempt to modify this product in any way. Any electrical and plumbing work required to install this appliance should be carried out by a qualified and competent person. Care must be taken to ensure that the appliance does not stand on the electrical supply cable. The sides of the dishwasher must never be drilled to prevent damage to hydraulic components. Disposal Dispose of the dishwasher packaging material correctly. All packaging materials can be recycled.

Plastic parts are marked with standard international abbreviations: >PE< for polyethylene, e.g. sheet wrapping material. >PS< for polystyrene, e.g. padding material (always CFCfree). >POM< for polyoxymethylene, e.g. plastic clips. Cardboard packaging is manufactured from recycled paper and should be deposited in the waste paper collection for recycling.

As and when you cease to use your dishwasher and withdraw it from service, you should render it unserviceable before having it disposed of. Warning! Children at play could lock themselves in your dishwasher or otherwise endanger their lives. Therefore cut off the power supply cable and make the door closing device unusable to prevent children from being trapped inside. For the disposing of the appliance please take it to a recycling centre or to your dealer who will, for a small contribution to the costs, dispose it for you. q q q q Child safety q q This appliance is designed to be operated by adults. Children should not be allowed to tamper with the controls or play with the product. Packaging parts may be dangerous for children, who could even be suffocated! You should therefore keep all packaging well away from children. The water in your dishwasher is not for drinking. Detergent residues may still be present in your machine. Keep children well away from your dishwasher when the door is open.

Keep all detergents in a safe place out of children's reach. q q q Economical and ecological dishwashing q Ensure that the water softener is correctly adjusted. Do not pre-wash under running water. Select the wash programme to suit the nature and degree of the soiling on the dishes. Do not use more detergent, special salt and rinse aid than is recommended in these operating instructions and by the manufacturer of the respective product. Your dishwasher in day-to-day use q q q Items that are contaminated by petrol, paint, steel or iron debris, corrosive, acidic or alkaline chemicals must not be washed in this dishwasher. Under no circumstances should you open the door whilst the appliance is in operation, especially during the washing phase, hot water may escape. However, if the door is opened, a safety device ensures that the machine stops. Only use products (detergent, salt and rinse aid) specifically designed for use in dishwashers. Long bladed knives stored in an upright position are a potential hazard.

@@When finishing loading or unloading close the door, as an open door can be a hazard. Do not sit or stand on the open door. Isolate the appliance from the power supply and turn off the water supply after use. This product should be serviced by an authorised service engineer, and only genuine spare parts should be used. Under no circumstances should you attempt to repair the machine yourself.

Repairs carried out by inexperienced persons may cause injury or serious malfunctioning. Contact your local Service Force Centre. Always insist on genuine spare parts. 3 q q q q q q q q q Installation instructions Any electrical and/or plumbing work required to install this appliance should be carried out by a qualified electrician and/or plumber or competent person. Remove all packaging before positioning the machine.

If possible, position the machine next to a water tap and a drain. Water supply connections This dishwasher may be fed with either hot (max. 60°) or cold water. Nevertheless we advise you a cold water supply. A hot water supply is not always efficient with very soiled crockery as it shortens the washing programmes a lot. For making the connection itself, the coupling nut fitted to the machine's supply hose is designed to screw onto either a 3/4" inch gas thread spout or to a purpose made quick-coupling tap such as the Press-block. The water pressure must be within the limits given in the "Technical specifications". Your local Water Authority will advise you on the average mains pressure in your area. The water inlet hose must not be kinked, crushed, or entangled when it is being connected up. The dishwasher features fill and drain hoses which can be turned either to the left or the right to suit the installation by means of the locknut.

The locknut must be correctly fitted to avoid water leaks. (Attention! NOT all models of dishwashers have fill and drain hoses provided with locknut. In this case, this kind of facility is not possible). If the machine is connected to new pipes or pipes which have not been used for a long time, you should run the water for a few minutes before connecting the inlet hose. Do not use, for connection, old hoses which have been used in another appliance. The dishwasher is fitted with safety devices that prevent the wash water returning into the drinking water system and comply with the applicable plumbing regulations. Fitting under a counter (kitchen worktop or sink) By removing the machine's worktop, you can install it under a close fitting sink unit or a pre-existing top, providing the dimensions of the recess correspond to those shown in the picture. 570- 600 450 IN04 Proceed as follows: Remove the machine's worktop by unscrewing the two rear retaining screws, pull the worktop from the back of the machine and slide out the front slots, lifting the worktop. Insert the machine after adjusting height and levelling with the adjustable feet. When inserting the machine, ensure that the water inlet and drain hoses are not kinked or squashed.

During all operations that involve accessibility to internal components the dishwasher has to be unplugged. Be sure that once the appliance has been installed, it is easily accessible for the consumer service department. If the dishwasher is later used as a free-standing appliance, the original worktop must be re-mounted. The plinth on free-standing appliances is not adjustable. Levelling Good levelling is essential for correct closure and sealing of the door.

When the appliance is correctly levelled, the door will not catch on either side of the cabinet. If the door does not close correctly, loosen or tighten the adjustable feet until the machine is perfectly level. 820 4 Water outlet hose connection The end of the drain hose can be connected in the following ways: 1.



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To the sink outlet spigot, securing it to the underside of the work surface. This will prevent waste water from the sink running into the machine.

2. Hooked over the edge of the sink using the special curved plastic guide (if provided with the machine). 3. To a stand pipe provided with vent-hole, minimum internal diameter 4 cm. The waste connection must be at a height of between 30 cm (minimum) and 100 cm (maximum) from the bottom of the dishwasher. The drain hose can face either to the right or left of the dishwasher. Ensure the hose is not bent or squashed as this could prevent or slow down the discharge of water. The sink plug must not be in place when the machine is draining as this could cause the water to siphon back into the machine. If you use a drain hose extension it must be no longer than 2 metres and its internal diameter must be no smaller than the diameter of the hose provided. Electrical connection

Information concerning the electrical connection is given on the rating plate on the edge of the dishwasher's door. Before plugging the appliance into the wall socket, make sure that: 1.

The mains voltage and current rating at the site of installation match the nominal voltage and current rating given on the rating plate. 2. The meter, fuses, mains power supply and wall socket can all take the maximum load required. Make sure that the socket and plug are compatible without having to use any type of adaptor. If necessary, have the domestic wiring system socket replaced. To isolate the dishwasher from mains, remove the mains plug. Important! The plug must still be accessible after the appliance has been installed. In case that the electrical cable has to be replaced, please contact your local consumer services department. The appliance should not be connected to the electrical supply by means of an extension cable. Safety standards require the appliance to be earthed.

The manufacture accepts no liability for failure to observe the above safety precautions. CS18 Likewise the internal diameter of the couplings used for connections to the waste outlet must be no smaller than the diameter of the hose provided. Attention! Our appliances are supplied with a security device to protect against the return of dirty water back into the machine. If the spigot of your sink has a "no return valve" incorporated this can prevent the correct draining of your dishwasher. We advise you therefore to remove it.

5 Description of the appliance 1. 2. 3. 4. 5.

6. 7. 8. 9. Upper basket stop Water hardness switch Salt container Detergent dispenser Control panel Rating plate Rinse aid dispenser Filters Lower spray arm 10. Upper spray arm 11. Upper basket 12. Worktop IN154 The control panel On/Off indicator light Programme marker On/Off push button Door handle Programme selector dial Programme guide 6 Prior to using for the first time Before using your dishwasher for the first time: 1. Ensure that the electrical and water connections comply with the installation instructions 2. Remove all packaging from inside the appliance 3.

Set the water softener 4. Pour 1 litre of water inside the salt container and then fill with salt 5. Fill the rinse aid dispenser Filling with salt Only use salt specifically designed for use in dishwashers. All other types of salt not specifically designed for use in a dishwasher, especially table salt, will damage the water softener. Only fill with salt just before starting one of the complete washing programmes. This will prevent any grains of salt or salty water, which may have been spilt, remaining on the bottom of the machine for any period of time, which may cause corrosion. Thed in the dishwasher. q q Before loading the dishes, you should: - Remove large left-overs. - Soften remnants of burnt food in pans When loading the dishes and cutlery, please note: - Dishes and cutlery must not impede the rotation of the spray arms. - Load hollow items such as cups, glasses, pans, etc.

@ @ @ @ - To avoid damage to glasses, they must not touch. - Lay small objects in the cutlery basket. @ @ @ @ Left-overs, e.g. @ @ @ @ @ @ Take care when loading or unloading sharp items such as knives.

@ @ @ @ Mix spoons with other cutlery to prevent them from sticking together. @ @ @ @ @ Glasses with long stems can be placed upside down in the cup racks. US75 For taller items, the cup racks can be folded upwards. @ @ @ @ @ If the lid is closed: press release button (1). The lid springs open.

2. Fill the detergent dispenser (2) with detergent. @ @ @ @ This detergent will take effect during the prewash phase. 4. @ @ @ @ 2. @ @ @ @ For this reason some detergent tablets cannot dissolve and develop their full cleaning power during short programmes. Therefore please use long programmes when using detergent tablets, to ensure the complete removal of detergent residuals. Do not place the tablets in the tub or in the cutlery basket as this will result in poorer wash results. The tablets should be placed in the detergent dispenser. Use of "3 in 1" combi detergents General advice These products are detergents with integrated and combined detergent/rinse-aid and salt functions.

1. Before using these products you should first check that the water hardness in your supply is compatible with the use of these products as per the detergent manufacturers (on the product packaging). 2. These products should be strictly used according to the detergent manufacturers instructions. 3. If you encounter problems when using 3 in 1 products for the first time then please contact the detergent manufacturers care line (the telephone number is given on the product packaging). Concentrated detergent Based on their chemical composition, dishwasher detergents can be split into two basic types: - conventional, alkaline detergents with caustic components. - low alkaline concentrated detergents with natural enzymes. The use of 50°C washing programmes in conjunction with concentrated detergents reduces pollution and is good for your dishes; these wash programmes are specially matched to the dirt-dissolving properties of the enzymes in the concentrated detergent. For this reason 50°C wash programmes in which concentrated detergents are used can achieve the same results that can otherwise only be achieved using 65°C programmes.

Special advice When using combination 3 in 1 products select the lowest possible setting for water hardness. If you decide to turn back to the use of the standard detergent system we advise that you: q q Refill both the salt container and rinse aid dispenser. Switch the water hardness setting to the highest possible position and run from 1 to 3 normal washing programmes without a load. Readjust the water hardness setting again according to the hardness of the water in your area. q Combi detergents If you are using dishwasher detergent that includes the rinse aid function, this must be placed in the detergent compartment.

In this case the rinse aid compartment must be empty, in order to avoid a double dosage.



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If in the rinse aid compartment there is still rinse aid you must wait until it has finished before using these kind of detergents. 11 Washing programmes Programme Degree of soil and type of load Starting position of the programme selector dial Cycle description (3) Consumption values Programme duration (in minutes) Energy consumption (in kWh) Water consumption (in litres) (1) Normal 65°C with prewash Normal soil Crockery, cutlery, pots and pans A Cold prewash Main wash up to 65°C 1 cold rinse 1 hot rinse Drying Main wash up to 65°C 1 cold rinse 1 hot rinse Drying Main wash up to 65°C 1 hot rinse 1 cold rinse (to avoid food scraps from sticking together). This programme does not require the use of detergent. 115 - 125 0,8 - 0,9 13 - 15 Normal 65°C no prewash Normal soil Crockery and cutlery Fresh soil Crockery and cutlery B 90 - 100 0,8 - 0,9 10 - 11 (2) Quick 65°C A 30I C 35 - 40 0,9 - 1,0 10 - 12 Rinse and hold Any.

Partial load (to be completed later in the day). D 12 0,1 10 (1) (2) Testing programme for EN 50242 (see "Hints for Test Centres"). Ideal for washing crockery and cutlery of breakfast and dinner (fresh soil). This is the perfect daily programme, made to meet the needs of a family of 4 persons who only wish to load breakfast and dinner crockery and cutlery. The consumption values are intended as a guide and depends on the pressure and the temperature of the water and also by the variations of the power supply. (3) 12 Starting a washing programme 1. Check that the baskets have been loaded correctly and that the spray arms can rotate freely 2. Turn on the water tap 3. Close the dishwasher door 4. Set and start of the programme Turn the programme selector dial clockwise until the letter of the programme you wish to select corresponds with the programme marker.

Depress the On/Off push button, The On/Off indicator light illuminates and the machine will start. 5. Interrupting a washing programme in progress Interrupt a washing programme in progress ONLY if it's absolutely necessary. Attention! Hot steam may escape when the door is opened. Open the door carefully. a) Open the dishwasher door; the programme will stop. Close the door; the programme will start from the point in which it was interrupted. b) Press the On/Off push button (in this case the On/Off indicator light turns off). Press the On/Off push button again; the programme will start from the point in which it was interrupted. 6.

End of the washing programme The dishwasher will automatically stop. Switch off the dishwasher by pressing the On/Off push button, the On/Off indicator light turns off. Open the door and wait a few minutes before removing the dishes; in this way they will be cooler and the drying will be improved. 7.

Unloading the dishwasher Hot dishes are sensitive to knocks.

The dishes should therefore be allowed to cool down before removing from the appliance. Empty the lower basket first and then the upper one; this will avoid water dripping from the upper basket onto the dishes in the lower one. Water may appear on the sides and door of the dishwasher as the stainless steel will eventually become cooler than the dishes. When the washing programme has finished, it is recommended that the dishwasher is unplugged and the water tap turned off. 13 Maintenance and cleaning Clean the external surfaces of the machine and control panel with a damp soft cloth.

If necessary use only neutral detergents. Never use abrasive products, scouring pads or solvent (acetone, trichloroethylene etc....). Ensure that the seals around the door, the detergent and rinse aid dispensers are cleaned regularly with a damp cloth. We recommend every 3 months to run a 65°C wash programme without dishes using detergent. Under no circumstances may the dishwasher be used without filters. Incorrect repositioning and fitting of the filters will produce poor washing results.

NEVER try to remove the upper spray arm. If residues of soil have clogged the holes in the upper spray arm, remove them with a toothpick. Cleaning the filters The filters must be checked and cleaned from time to time. Dirty filters will degrade the washing result. 1. Open the door, remove the lower basket. 2. The dishwasher filter system comprises a coarse/fine filter (A/B), a microfilter (C) and a flat filter (D). Some dishwasher will only have a coarse filter (A), a microfilter (C) and a flat filter (D). Unlock the filter system using the handle on the microfilter, and remove.

MA40 Prolonged periods of non-operation If you are not using the machine for any period of time you are advised to: 1. Unplug the appliance and then turn off the water. 2. Leave the door ajar to prevent the formation of any unpleasant smells. 3.

Leave the inside of the machine clean. Frost precautions MA35 MA32 3. Turn the handle about 1/4 a turn anticlockwise and remove. Avoid placing the machine in a location where the temperature is below 0°C. If this is unavoidable, empty the machine, close the appliance door, disconnect the water inlet pipe and empty it.

Moving the machine If you have to move the machine (moving house etc....): 1. Unplug it. 2. Turn the water tap off. 3. Remove the water inlet and discharge hoses.

4. Pull the machine out together with the hoses. Avoid over tilting the machine during transportation. MA39 4. Take hold of the coarse/fine filter (A/B) by the handle with the hole and remove from the microfilter (C). 5. Clean all filters thoroughly under running water. 6. Remove the flat filter (D) from the base of the washing compartment and clean both faces thoroughly. MA38 7.

Put the flat filter (D) back in the base of the washing compartment. 8. Place the coarse/fine filter (A/B) in the microfilter (C) and press together. 9. Put the filter combination in place and lock by turning the handle clockwise to the stop.

During this process ensure that the flat filter does not protrude above the base of the washing compartment. 14 What to do, when... Certain problems are due to the lack of simple maintenance or oversights, which can be solved with the help of the instructions given here, without calling out an engineer.

...there are problems when operating the dishwasher The dishwasher will not start or stops during operation. Press the On/Off push button to switch the dishwasher off and carry out the following suggested corrective actions. Malfunction Possible cause The water tap is blocked or furred with limescale.

Solutions Clean the water tap. Turn the water tap on. Clean the filter in the threaded hose fitting. Check the water inlet hose connection.

The machine does not fill with water. The water tap is turned off. @@@@The siphon is blocked. Clean out the siphon. @@@@The dishwasher door has not been properly closed. The programme does not start The main plug is not plugged in. The fuse has blown in the household fuse box. There is a whistling noise during washing The whistling is not a cause for concern.



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Close the door. Insert the mains plug.

Replace the fuse. Use a different brand of detergent. Once the checks have been carried out, press the On/Off push button, the programme will continue from the point in which it was interrupted. If the malfunction reappears contact your local service centre. .

...the wash results are not satisfactory The dishes are not clean q q q q q q The wrong washing programme has been selected. The dishes were arranged in such a way as to stop water reaching all parts of the surface. The baskets must not be overloaded.

The spray arms do not rotate freely due to wrong arrangement of the load. The filters in the base of the washing compartment are dirty or incorrectly positioned. Too little or no detergent has been used. Where there are limescales deposits on the dishes; the salt container is empty or the wrong level of the water softener has been selected. The drain hose connection is not correct. The salt container cap is not properly closed. The dishes are wet and dull q q Rinse aid was not used. The rinse aid dispenser is empty. There are streaks, milky spots or a bluish coating on glasses and dishes q Decrease rinse aid dosing. Water drops have dried onto glasses and dishes q q Increase rinse aid dosing.

The detergent may be the cause. Contact the detergent manufacturer's consumer care line. 15 If after all these checks, the problem persists, contact your local service centre, quoting the model (Mod.), product number (PNC) and serial number (S.N.). This information can be found on the rating plate located on the side of the dishwasher door (see picture). So that you always have these numbers at hand, we recommend you to make a note of them here: Mod. : . .

.....  
.....  
..... PNC : .....

.....  
..... S.  
N. : .....

..... RA08 Service and spare parts This product should be serviced by an authorised service engineer, and only genuine spare parts should be used. Under no circumstances should you attempt to repair the machine yourself. Repairs carried out by inexperienced persons may cause injury or serious malfunctioning. Contact your local service centre. Always insist on genuine spare parts.

16 Hints for test centres Testing in accordance with EN 60704 must be carried out with appliance fully loaded and using the test programme (see "Washing programmes" chart). Test in accordance with EN 50242 must be carried out when the salt dispenser and rinse aid container have been filled with salt and rinse aid respectively and using the test programme (see "Washing programmes" chart). Load: Rinse aid setting: Detergent dosage : 9 standard place settings position 4 (Type III) 5 g + 20 g (Type B) Arrangement upper basket without smaller bowl and salad-bowl Arrangement upper basket with smaller bowl and salad-bowl Arrangement lower basket Arrangement cutlery basket 17 From the Electrolux Group. The world's No.1 choice.

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