



# Your PDF Guides

You can read the recommendations in the user guide, the technical guide or the installation guide for DAEWOO FRS-2021IAL. You'll find the answers to all your questions on the DAEWOO FRS-2021IAL in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual DAEWOO FRS-2021IAL  
User guide DAEWOO FRS-2021IAL  
Operating instructions DAEWOO FRS-2021IAL  
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Instruction manual DAEWOO FRS-2021IAL



## Be sure to keep for safety !

Read this safety instructions thoroughly and carefully before using. Please keep this user guide at hand for future reference.



Indicates the possibility of danger of death or serious injury

WARNING



Indicates the possibility of risk of personal injury or material damage

CAUTION

### Other Signs



DO NOT remove or disassemble!



NO.. DO NOT..



Be sure to unplug from receptacle(outlet/main)!



Be sure to keep and follow!



**Notice** If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.

### WARNING



Never let power cord be crushed by refrigerator itself or other (heavy) objects. Never bend power cord excessively.

- If cord is damaged or peeled, it can be a cause of fire and electric shock.



Do not plug several appliances into same wall outlet (receptacle).

- It can be a cause of overheating and/or fire. Use an exclusive grounding receptacle for the refrigerator.



Never hold the power cord or plug with wet hands.

- There is a risk of electric shock.



Never use damaged power cord or plug, loose receptacle.

- There is a risk of fire, electric shock or serious injury.



Be sure to ground. Check if your wall outlet is grounding (earthed) one.

- There is a risk of electric shock hazards.



Never unplug by pulling only the power cord wire. Always grip the plug firmly.



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**Manual abstract:**

Please keep this user guide at hand for future reference. Indicates the possibility of danger of death or serious injury Indicates the possibility of risk of personal injury or material damage WARNING CAUTION Other Signs DO NOT remove or disassemble! NO., DO NOT... Be sure to unplug from receptacle(outlet/mains)! Be sure to keep and follow! If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similiary qualified person in order to avoid a hazard. WARNING Never let power cord be crushed by refrigerator itself or other (heavy) objects. Never bend power cord excessively. °< If cord is damaged or peeled, it can be a cause of fire and electric shock. Do not plug several appliances into same wall outlet (receptacle).

It can be a cause of overheating and/or fire. Use an exclusive grounding receptacle for the refrigerator. Never use damaged power cord or plug, loose receptacle. °< There is a risk of fire, electric shock or serious injury. Never hold the power cord or plug with wet hands.

°< There is a risk of electric shock. Be sure to ground. Check if your wall outlet is grounding (earthed) one. °< There is a risk of electric shock hazards. Never unplug by pulling only the power cord wire.

Always grip the plug firmly. 1 WARNING Let the cord from the plug outlet be directed Downwards. °< If it directed up, the cord near the plug is bent and can be damaged, which can cause electric shock or fire. Never let the power cord touch or pass over heating appliances. °< Power cord can be damaged, resulting in a risk of electric shock hazards. Do not install refrigerator on a wet floor or in a place with much humidity moisture. @@@@Do not let children hang on the refrigerator doors. @@°< Water can be poured into the refrigerator and can cause electric shock hazards or damage. Do not move or remove compartment shelves/pockets while foods and containers are on them. °< Hard container (of glass, metal etc.

) can fall to hurt you and can break shelf glass and interior parts. Never store any flammable gas or liquid in the refrigerator. Never repair or disassemble or amend refrigerator on your own °< There is a risk of personal injury or damage to the refrigerator. It is recommended that any service be carried out by a qualified person. Never use flammable gas, benzene, thinner, gasoline, spray etc. near the refrigerator. °< There is a risk of fire, explosion and personal injury or damage. If a gas leak found near the refrigerator or in the kitchen, ventilate it immediately without touching power plug or refrigerator. 2 WARNING Do not store medicine, academic research samples which require strict temperature control in the refrigerator. Never insert fingers or hands into the bottom of refrigerator, especially into the bottom back.

°< You can be hurt by sharp metal edges or can receive an electric shock. Do not change fuse or light bulb on your own. Call the service agent to change them. When you find the power cord damaged or cut, call the service agent immediately. When you get rid of your old refrigerator, be sure to remove the door packings first.

°< Children can be entrapped and suffocated in an abandoned refrigerator. Leave it just a few days! ¡± very dangerous. is CAUTION Be sure to unplug when the refrigerator is not used for a long time. Never touch foods and containers especially of metal with wet hands in the freezer compartment. °< You can be hurt by chilblains or cold bum.

Never eat any decayed or deteriorated food at all. °< Foods stored too long in the refrigerator can be decayed or deteriorated . Never place bottles and containers of glass in the freezer compartment. °< Glass containers and bottles can be broken so can hurt you. Be sure to turn up the wheel first before moving the refrigerator. °< The wheels can damage or scratch the floor. If you move it a long distance, never forget to fasten the interior parts tightly with tapes. ¡ÛThe parts can shake to break each other. When moving the refrigerator (layed or tilted), more than 2 persons are required to hold it. ( One to hold top back handles, the other, bottom holder.

) If other parts gripped, it is very dangerous and likely to slip. 3 Installation Guide Read these safety instructions carefully before use and follow precautions for your safety. Precautions in installation and power connection To prevent fire, electric shock or leakage ¬Á Never install the refrigerator on a wet, watery floor or where water can easily gather. ° Check the following before power connection. °< Connect power plug only to a grounding wall receptacle (an earthed mains). ¡ÛDo not plug refrigerator power together with other appliances to a same receptacle(socket). ¬Ä Do not use an adapter plug or an extension cord. ° Do not let power cord be crushed down by other (heavy) objects . If you hear strange noise or strong chemical odor or find smog etc. from the refrigerator after power plugin, pull out the plug immediately and call the service.

¡Ø Wait about 5 minutes before you plugin again in order to prevent any damage to the compressor and electrical devices of refrigerator. ¡Ø Wait 2~3 hours until the inside gets cold enough after first power plugin, then store foods in. (There can be some peculiar smell of plastic parts at initial operation of refrigerator after plugin. The smell fades away as refrigerator works and doors are opened and closed.) °¡ Precautions in use To prevent personal injury, fire, electric shock etc.

read this user guide carefully before use and keep it at hand for any reference. Accessories Egg case Egg cradle User guide 4 Control Panel Optical Sensor Optical Sensor in the top center of the panel senses the amount of light surrounding the refrigerator. When it decides that it is dark (night), Silence Mode starts. Refrigerator works on in minimum operation condition, so it makes little or less working noise. [Notice] Do not let the Optical Sensor be covered by memo sheet (Post-it) ect.

It shows that the digital control system is working the refrigerator. (The icon is always on while the refrigerator is working.) As long as the refrigerator is working deodorization is always on. Children may push any button on the panel for fun, resulting in disorder of temperature and function of refrigerator. Press this button to lock out this case and to keep temperature and function setting. Push Lock button again for more than a second to stop it. If you fill the refrigerator with much foods or in case of frequent door openings, Speed Mode starts automatically to maintain optimal condition of temperature. If you need total silence from the refrigerator just push sleep button. This mode works for maximum 12 hours and then it returns to the previously set mode.



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When you want to stop the mode, just push the button again and it also returns to the previously set mode Interior lights of refrigerator turn off when the doors are open for more than 10 minutes.

In case either freezer or refrigerator door is open for more than a minute, door alarm rings for 5 minutes with 1 minute interval. LCD Background Light The LCD light turns on in the following case to help you control the panel easily ; < When the refrigerator is plugged in ; When you push a button (The background light turns on first, then button mode is activated.) ; When you open the door ; If you push a button when the backlight is off, only the backlight turns on and it does not affect any other button mode. The LCD light turns off in the following case to save energy consumption ; < 1 minute after power plug in ; 10 seconds after the door is closed ; No other button is pushed for more than 1 minute after button selection ; When you look at LCD display from side or down, not from front, the display (letters, icons and signs) can look faded or dim. 5 Temperature Control ; When this refrigerator is first plugged in, the temperature mode is set to [Middle]. Optical Sensor Freezer Compartment Push the FRZ SET. button and the setting temperature changes as the figure shows. >>> Sequential Temperature Change <<< Refrigerator Compartment Push the REF SET. @ button, then QUICK°± icon turns on and the mode starts. @ button, then QUICK°± icon turns on and the mode starts.

@@@ For example) The refrigerator is working on [LOW Mode]. --> [SUPER FRZ.] starts and ends. @@@ For example) The refrigerator is working on [LOW Mode]. --> [SUPER REF.]

starts and ends. --> Returns to [LOW Mode] again. @@@@ Store it in the freezer compartment. @@@@ in the refrigerator. @@ (Dorder of disassembling after changing the light Change of Refrigerator Lights Refrigerator Top Lights £U ¶É ¶Á ¶Ë Remove screw caps bottom of light cover with a small tip screw driver.

Remove screws of light cover. Hold the bottom of cover and pull forward to remove. Change the light bulbs. ; Follow the reverse order of disassembling when assembling back. Refrigerator Bottom Lights £U ¶É ¶Á Snap out the bottom hook of light cover with a flat tip screw driver. Hold down the light cover to pull out. Change the light bulb. ; Follow the reverse order after changing the light. 12 Before You Call for Service..

. Please checkup the following troubleshooting tips before you call for service ! Problem It never gets cold inside. @@¶j Is the temperature set to [Low Mode] ? @@@@¶j Set the temperature mode to Middle or High. @@@@¶j Is surround temperature too low ? @@@@ Move to a place where the temperature is over 5jÉ. ¶k Place foods with moisture on the shelves close to the doors. Strange sound from the refrigerator £U Is floor beneath the refrigerator uneven ? ¶j Is the space between refrigerator back and the wall too close ? ¶k Does other stuff touch the refrigerator ? £U Move the refrigerator to a level and even floor. ¶j Keep sufficient space. ¶k Remove any object a way which touches the refrigerator. Odor or disgusting smell from the inside £U Is food stored uncovered or unwrapped ? ¶j Are the shelves and pockets stained with foods stuff ? ¶k Is food stored too long ? £U Be sure to cover and wrap the foods. ¶j Clean them regularly.

Once smell gets soaked to those parts, it is not easy to remove. ¶k Do not store foods for so long. Refrigerator is neither a perfect nor a permanent foods keeper. 13 Something strange ? °Ø Don°Ø t worry. Here is the answer.

Case Heat Explanation Front and side of refrigerator feels warm or hot. ; Pipes (refrigerant vessel) are placed beneath the surface to prevent moisture forming on it. ; When you close the door and then open again immediately, the door is not easy to open. Warm air rushes into the inside to make the pressure difference. In this case wait for a minute, then it will open easily.

Door is sticky Doors are not to open easily. It sounds like water is flowing from the refrigerator. ge Stran d Soun ; When the compressor starts to run or stops, refrigerant which makes the inside cold flowing in the pipes can make such a sound. ; Defrosted water can also make such a sound. (This refrigerator adopts an automatic defrosting system.) ; Inside parts shrink and/or expand due to temperature change ---When the inside gets cold or when the door is open ---such sound can be made. Something cracking or click sound. Humming or buzz sound. ; Compressor or fans for cold air circulation can make such working sound. (If the refrigerator is not level, the sound can be louder.

) Frost w & De Dew or frost on the wall and/or food container surface in the freezer and refrigerator compartment. Frost and/or dew can be made in the following cases ; ; High temperature and/or high humidity around the refrigerator ; When doors are open too long ; Foods with much moisture are stored uncovered or unwrapped ; You can see the same appearance when cold water is poured in a glass cup and dew is forming on the surface of it. ; The light bulb radiates heat while it is on, so when doors are open too long, dew can form on the light cover due to temperature difference. Dew on the interior lights cover Dew on the cabinet surface ; In case it is highly humid around the refrigerator, moisture in the air sticks to the surface to form the dew. 14 Installation Preparation Check if the refrigerator can pass a doorway or enter a door first. Dimensions( including Door Handles) (Width\*Depth\*Height) 928mm ; 816mm ; 1808mm Find a suitable place to install. ; Sufficient space from refrigerator back to the wall for free air ventilation ; Avoid direct sunlight. ; Once the installation place is ready follow the installation instructions. If surround temperature of refrigerator is low (below 5jÉ), foods can be frozen or the refrigerator can work in abnormal way. 15 If the refrigerator can not enter the door, follow these steps.

Removing Freezer Door ; Remove front bottom cover first, if it is attached. 1 Unscrew top hinge cover with a screw driver. Insert a thin screw driver into the side groove of the cover to remove. ! 2 Turn top hinge fastener counterclockwise 3~4 times. (Just make it loose ; do not remove.



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) Disconnect the harness wires. Loosen hinge screws for several turn. (Just make them loose ; do not remove.) ! @ 3 Lift up the front of hinge to remove. ( After the hinge is removed the door can fall down forward.  
 Be careful ! ) 4 Lift the door straight up to remove. ! ! @ @ 16 Removing Refrigerator Door 1 Unscrew top hinge cover with a screw driver. Insert a thin screw driver into the side groove of the cover to remove. 2 Turn top hinge fastener counterclockwise 3~4 times. (Just make it loose ; do not remove.) Disconnect harness wires. Loosen hinge screws for several turn. (Just make them loose ; do not remove.) ! @ 3 Lift up the front of hinge to remove. (After the hinge is removed the door can fall down forward.

Be careful ! ) 4 Lift the door straight up to remove. ! ! @ @ 17 Replacing Freezer Door 1 Insert the bottom hole of freezer door straight to the bottom hinge pin. ! ! @ @ 2 Let the top of door close to the cabinet and insert the top hinge pin to the top hole of freezer door. ( Insert the back of hinge to the groove of protrusion first, then front to the top hole of door.) @ ! 3 Turn the fastener clockwise several times. (Do not turn it to the end.) Adjust the level of door and fasten the top hinge with 2 (left & right) screws. Turn the hinge fastener tightly to the end. Connect harness wirings and screw ground wire. ! @ 4 Click and screw the top hinge cover.

18 Replacing Refrigerator Door ! 1 Insert the bottom hole of refrigerator door straight to the bottom hinge pin. ! @ @ 2 Let the top of door close to the cabinet and insert the top hinge pin to the top hole of freezer door. ( Insert the back of hinge to the groove of protrusion first, then front to the top hole of door.) @ ! 3 Turn the fastener clockwise several times. (Do not turn it to the end.

) Adjust the level of door and fasten the top hinge with 2 (left & right) screws. Turn the hinge fastener tightly to the end. Connect harness wirings and screw ground wire. Click and screw the top hinge cover. ! @ 19 Refrigerator Leveling & Door Adjustment ( If needed.

) Refrigerator must be level in order to maintain optimal performance and desirable front appearance. (If the floor beneath the refrigerator is uneven, freezer and refrigerator doors look unbalanced.) In case freezer door is lower than refrigerator door... 1 2 3 4 1 ;ÛInsert a screw driver (flat tip) into a groove of the left wheel (bottom of freezer) and turn it clockwise until the door is balanced. (clockwise to raise freezer door ; counterclockwise to lower) ;ÛUnless the freezer door is balanced by step 1, then follow the next steps. ;ÛOpen the doors, unscrew the front cover and remove, if it is attached. ;ÛLoosen 3 hinge bolts(1 on the left + 2 on the right) a little. (Do not unfasten them completely.

) Insert a hexagonal wrench into the groove of adjusting nut and turn clockwise until the door is level. ;ÛOnce the door is balanced, fasten the hinge bolts tightly and screw the front cover. # \$ Hinge Bolt "ÿ In case refrigerator door is lower than freezer door... Insert a screw driver (flat tip) into a groove of the right wheel (bottom of refrigerator) and turn it clockwise until the door is balanced. (clockwise to raise refrigerator door ; counterclockwise to lower) ;ÛUnless the refrigerator door is balanced by step 1, then follow the next steps. 3 hinge bolts(2 on 1 on the completely.) 2 Loosen hexagonal wrenchthe left +groove ofright) a little. (Do not unfasten them the Insert a into the adjusting nut and turn clockwise until door is level.

# 3 Once the door is balanced, fasten the hinge bolts tightly. @Î Hinge Bolt Front Cover After installation and/or door leveling, fasten front cover with screws.(Remove the screws on the front bottom panel first. Click and screw the cover) U The front of refrigerator needs to be higher just a little than the back for easy door closing, but if the wheel is raised too much for door balance, i.e. front of refrigerator is too higher than the back, it can be difficult to open the door. 20 Door gap adjusting In case top and bottom gap of both doors are not the same, take the following steps to adjust. (gap beteen the top right edge of freezer door and top left of refrigerator door) 1 First unscrew and remove top hinge covers. ÆÑrefer to page 16~17 2 Turn the hinge fastener counterclockwise 2~3 times just to loosen. (Do not remove the fastener.

) Adjustment of freezer door Moving to the right 1) Loosen the left screw(2-2) enough. @@@@ (Do not remove the screw.) 2) Turn the right screw(2-2) clockwise, then hinge and top of freezer door moves to the right. 3) Once the gap is adjusted, fasten the left screw(2-1) tightly. Moving to the left 1) Loosen the right screw(2-2) enough. (Do not remove the screw.) 2) Turn the left screw(2-1) clockwise, then hinge and top of freezer door moves to the left. 3) Once the gap is adjusted, fasten the right screw(2-2) tightly. 21 = Be sure to keep for safety Installation Guide Control Panel Temperature Control How to use interior Parts Care & Cleaning How To change Interior Light Bulb Before You Call for Service..

. Something strange? Don't worry. Here is the answer Installation Preparation If the refrigerator can not enter the door, follow these steps Refrigerator Leveling & Door Adjustment(if needed.) Doorgap adjusting 1~3 4 5 6 7~9 10~11 12 13 14 15 16~19 20 21 Code: S201-6 .



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