



Fast Track Troubleshooting

Models:

DV431AEP DV431AEW
DV431AGP DV431AGW

IMPORTANT SAFETY NOTICE – “For Technicians Only” This service data sheet is intended for use by persons having electrical, electronic, and mechanical experience and knowledge at a level generally considered acceptable in the appliance repair trade. Any attempt to repair a major appliance may result in personal injury and property damage. The manufacturer or seller cannot be responsible, nor assume any liability for injury or damage of any kind arising from the use of this data sheet.

NOTICE: 8/1/11 Parts changes see bulletins for serial breaks: motor, motor relay, wiring harness, & main PCB
All Dryers Parts Change 6/2010: Motor Pulley, page 5;
Blower Housing, page 4

Publication # rwDV431 Revision Date 09/20/2011

Error Display	Trigger	Action Taken
ERROR! Temperature Sensor Problem ts	The Thermistor resistance is shorted or open	Check for : - Clogged lint screen - Restricted vent system. - Check Thermistor resistance.
ERROR! Door is open. do	Running the dryer With door open	Check for : - Close the door, and run the dryer - Loose or open wire terminals in Door sense circuit.
ERROR! Door Open Sensing Problem df	The door is sensed as open while the drum is spinning	Check for : - Loose or open wire terminals in Door sense circuit.
ERROR! A Button is either stuck or is being pressed continuously.	Stuck button	Check for : - Display PCB key circuit short or not
ERROR! Time Limit Exceeded oD	excess Dry time	Check for : - Sensor bar Open - Using Adjust time Up excessively
ERROR! Overheated he	Invalid heating Temp in running the dryer	Check for : - Restricted vent system. - Check Thermistor resistance.
ERROR! Electronic Control Problem ZE	Invalid state of Eeprom communication	Check for : - PCB on Eeprom circuit
ERROR! Power Interruption FE	Invalid power source Frequency	Check for : - Not using regular power source frequency - Invalid power frequency sense circuit

SUPPORT INFORMATION

Training — Plus One

<http://my.plus1solutions.net/clientPortals/samsung/>

Help — GSPN <http://s.service.samsungportal.com/>

Samsung Product Support TV

<http://support-us.samsung.com/spstv/howto.jsp>

Customer information videos and chat programs

Programs for Fridges, Laundry, Ranges & D/W

Electrical Dryers 240 VAC, 60 Hz, 30 Amps, 3-wire or 4-wire installations

Gas Dryers 120 VAC, 60 Hz, 15 Amps, 3-wire installations

Location consideration In the USA

- All Dryers Must be vented to the outside.
- Only rigid or flexible metal duct should be used for venting.

Samsung Dryer Troubleshooting Manual

Julia Schneider



Samsung Dryer Troubleshooting Manual:

Troubleshooting and Repairing Major Appliances Eric Kleinert, 2012-10-22 Diagnose and repair home appliances and air conditioners using the latest techniques The book has it all written by a pro with 40 years of hands on repair and teaching experience this book is like brain candy GeekDad Wired com Fully updated for current technologies and packed with hundreds of photos and diagrams this do it yourself guide shows you how to safely install operate maintain and fix gas and electric appliances of all types Troubleshooting and Repairing Major Appliances Third Edition provides easy to follow procedures for using test meters replacing parts reading circuit diagrams interpreting fault and error codes and diagnosing problems Featuring a new chapter on becoming a service technician this practical money saving resource is ideal for homeowners and professionals alike Covers all major appliances Automatic dishwashers Garbage disposers Electric water heaters Gas water heaters Top load automatic washers Front load automatic washers Automatic electric dryers Automatic gas dryers Electric ranges cooktops and ovens Gas ranges cooktops and ovens Microwave ovens Refrigerators Freezers Automatic ice makers Residential under the counter ice cube makers Room air conditioners Dehumidifiers **Popular Science**, 2004-12 Popular Science gives our readers the information and tools to improve their technology and their world The core belief that Popular Science and our readers share The future is going to be better and science and technology are the driving forces that will help make it better Step-by-step Dryer Repair Manual General Electric Company, 1990

Sears Do it Yourself Repair Manual Kenmore Gas/electric Dryer Sears, Roebuck and Company, 1984 **Samsung Galaxy Z Fold 2** Richard Morrison, 2020-10-07 Do You Want to Push Your New Samsung Galaxy Z fold 2 to its Limits Then Continue Reading Samsung Galaxy Z fold 2 is your perfect smartphone for gaming texting and talking This foldable device should be taken into consideration if you have an intention to purchase a phone Samsung took feedback from the Galaxy Z fold because the new Galaxy Z fold 2 is of excellent quality and can be described as a Portable Computer The multi active window feature in this device helps you use three compatible apps at once as it is built to help you in multi purpose functionality and productivity The ambient light sensor gyroscope accelerometer and proximity sensor compass magnetometer are many sensors that this phone has With its sweeper technology Samsung has improved its durability so that dust can be kept out of the device with ease This Guide is packed with tips and step by step instructions to help you navigate and set up your device with ease Other in depth information contained in this manual include How to fold your device How to navigate your device How to activate edge lighting How to access and use the keyboard toolbar How to input text by using the Samsung voice How to access augmented reality by going to the AR zone How to capture photos using single take How to use the live focus How to use the scene optimizer How to record videos How to make a live focus video How to use super slow mo How to use super steady How to configure camera settings for pictures How to configure camera settings for videos How to use Samsung health How to use Samsung pay How to access your device setting How to manage

connections And many more This user manual will walk you through the whole process without any hassles So what are you waiting for Scroll up you will see the orange BUY NOW button on the top right corner and download your copy now See you inside **Sears Do-it-yourself Repair Manual for Kenmore Gas/electric Dryers** ,1987 [Samsung Galaxy Z Fold 2 For The Elderly \(Large Print Edition\)](#) Richard Morrison,2020-10-07 Do You Want to Push Your New Samsung Galaxy Z fold 2 to its Limits Then Continue Reading Samsung Galaxy Z fold 2 is your perfect smartphone for gaming texting and talking This foldable device should be taken into consideration if you have an intention to purchase a phone Samsung took feedback from the Galaxy Z fold because the new Galaxy Z fold 2 is of excellent quality and can be described as a Portable Computer The multi active window feature in this device helps you use three compatible apps at once as it is built to help you in multi purpose functionality and productivity The ambient light sensor gyroscope accelerometer and proximity sensor compass magnetometer are many sensors that this phone has With its sweeper technology Samsung has improved its durability so that dust can be kept out of the device with ease This Guide is packed with tips and step by step instructions to help you navigate and set up your device with ease Other in depth information contained in this manual include How to fold your device How to navigate your device How to activate edge lighting How to access and use the keyboard toolbar How to input text by using the Samsung voice How to access augmented reality by going to the AR zone How to capture photos using single take How to use the live focus How to use the scene optimizer How to record videos How to make a live focus video How to use super slow mo How to use super steady How to configure camera settings for pictures How to configure camera settings for videos How to use Samsung health How to use Samsung pay How to access your device setting How to manage connections And many more This user manual will walk you through the whole process without any hassles So what are you waiting for Scroll up you will see the orange BUY NOW button on the top right corner and download your copy now See you inside [Service Manual](#) Norge Company,1979 **Hotpoint Dryers** General Electric Company,1981 [Automatic Dryer Service Manual](#) Magic Chef, inc,1980 [Do-it-yourself Repair Manual for Kenmore Dryers \(gas/electric\)](#) Sears, Roebuck and Company,1997 [Sears Do-it-yourself Repair Manual for Kenmore Dryers \(gas/electric\)](#) Sears, Roebuck and Company,1993 [Repair Manual, Kenmore Gas/electric Dryer](#) Sears, Roebuck and Company,1984 **Samsung Galaxy Z Flip 6 User Guide** Felix Klein Wagner,2025-04-29 Discover the Full Capabilities of Your Samsung Galaxy Z Flip 6 with This Easy to Follow User Manual Whether you are new to foldable smartphones or an experienced user this manual provides clear step by step instructions to help you get the most out of your device Explore the Key Features of the Galaxy Z Flip 6 Seamless Performance Optimize your device for faster smoother operation by adjusting processor memory and battery settings Personalized Customization Learn how to personalize every aspect of your phone from the home screen layout to display settings to make it uniquely yours Effortless Connectivity Set up Wi Fi Bluetooth NFC and Mobile Hotspot and explore Samsung DeX for a desktop like experience Photography and Videography Master the camera system with tips for taking

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Crosley Clothes Dryer Service Manual Crosley,1979 Samsung Galaxy Z Fold 2 User Manual Richard J Castellon,2020-09-21 This guide contains ultimate step by step with tips and tricks on how to master and operate your Samsung Galaxy Z fold 2 This guide also teaches you basic features of the Samsung Galaxy fold 2 The contents include Features and Designs of Samsung Z Fold 2 Key Features and Specifications Samsung Galaxy Z Fold 2 5G SIM card installation Insert the Micros card The point and share files with the Z Fold 2 Film and edit an 8k video Film and edit an 8k video Sync voice recordings with Samsung Z Fold 2 Play animated Z Fold 2 Review and transfer files using your Galaxy phone and Windows Exchange your files with the Windows link Generalize files with a USB cable Get prepared for Xbox Game Pass by pairing your organizer Make calls and send messages View and manage notifications Turn on the blue light filter 5G availability and compatibility Add additional fingerprints Scroll up and click the Buy Now button to get your copy

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Samsung Dryer Troubleshooting Manual Introduction

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web oct 17 2023 hall of fame monument which honors u s citizens who have achieved distinction or fame it is located on the campus of bronx community college originally the uptown campus of new york university new york city bronze portrait busts are placed between simple columns in the open air colonnade

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2 a group of individuals in a particular category such as

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web may 23 2018 when first discovered and isolated the lanthanides were called the rare earth elements many uses have been found for these elements and their compounds despite their expense discovery of the lanthanides although once called the rare earths most lanthanides are not particularly rare in the earth s crust

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web oct 20 2017 to isolate all the lanthanides into one fraction by column chromatography the extraction chromatographic resin tru spec triskem france containing octylphenyl n n di isobutyl carbamoylphosphine oxide cmpo as an extractant can be used in combination with nitric and hydrochloric acid solutions 23

oxidation states of lanthanide elements w3schools - Dec 20 2021

web among the lanthanides in addition to 3 states 2 states are shown by nd sm eu tm and yb only whereas 4 state is exhibited by ce pr nd tb and dy elements rest five elements show only 3 states oxidation states of lanthanide elements it has been shown that the lanthanide elements are highly electropositive and form essentially ionic

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web the lanthanide family consists of fifteen metallic elements from lanthanum to lutetium all but one of which are f block elements the valence electrons of these elements lie in the 4f orbital lanthanum however is a d block element with an

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web the lanthanide 'lænθənaɪd or lanthanoid 'lænθənɔɪd series of chemical elements a comprises the 14 metallic chemical elements with atomic numbers 57 70 from lanthanum through ytterbium 2 3 4 lutetium is also sometimes considered a lanthanide despite being a d block element and a transition metal

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web a central feature of lanthanide chemistry is the strongly ionic character of the bonding between lanthanide cations and other atoms as a result of this ionicity they can be classified as hard strongly acidic cations this hard acid nature is evident whether we consider the bonds between lanthanide cations with oxygen nitrogen or halogen

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web may 3 2019 lanthanides definition the lanthanides are generally considered to be elements with atomic numbers 58 71 lanthanum to lutetium the lanthanide series is the group of elements in which the 4f sublevel is being filled all of these elements are metals specifically transition metals they share several common properties

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web five of the elements la ce pr nd eu are very reactive and when exposed to air react with oxygen to form an oxide coating that tarnishes the surface for this reason these metals are stored under mineral oil the remainder of the lanthanides are not as reactive and some gd lu retain their silvery metallic appearance for a long time

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web jul 12 2023 lanthanides elements 57 71 are fairly abundant in the earth s crust despite their historic characterization as rare earth elements thulium the rarest naturally occurring lanthanoid is more common in the earth s crust than silver 4 5 10 5 versus 0 79 10 5 by mass

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web may 22 2015 li et al have shown that the biological diversity at lanthanide mining sites decreased when lanthanides were found in high concentrations 4 prompting researchers to isolate microorganisms that can effectively concentrate lanthanides in their cell walls for use in future bioremediation endeavors 5

taking lanthanides out of isolation tuning the optical properties of - Mar 03 2023

web this rooted the idea that the optical properties of ln atoms can be understood in isolation indeed given the interest for the ln iii luminescence most studies focus on understanding the f f transitions

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web jun 30 2023 elements lanthanum 57 through lutetium 71 on the periodic table are considered to be lanthanides lanthanides tend to react with oxygen to form oxides the reaction at room temperature can be slow while heat can cause the reaction to

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web to separate the lanthanides from other elements occurring with them they are chemically combined with specific substances to form lanthanide compounds with low solubility oxalates and fluorides for example a process known as ion exchange is then used to separate the lanthanides from each other in this process a solution of the

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web dec 12 2019 here s a list of the 15 elements that are lanthanides which run from atomic number 57 lanthanum or ln and 71 lutetium or lu lanthanum symbol ln atomic number 57 cerium symbol ce atomic number 58 praseodymium symbol pr atomic number 59 neodymium symbol nd atomic number 60 promethium symbol pm

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web jan 1 1997 the lanthanides comprise the largest naturally occurring group in the periodic table there are more than 100 minerals known to contain lanthanides but the only two of commercial importance are monazite and bastnaesite the

chapter discusses the production of lanthanide elements by electrolysis of fused salts and by metallothermic reduction

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web the fifteen elements shown in table pageindex 1 from lanthanum la 4f 0 to lutetium lu 4f 14 are lanthanoids ln may be used as a general symbol for the lanthanoid elements although lanthanoids scandium sc and yttrium y are sometimes called rare earth elements they are relatively abundant in the earth s crust

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web nov 1 1998 production of lanthanides has shown a continuous increase in recent years 50 taking all these facts into account it is reasonable to consider the development of corrosion protection methods using this family of compounds at first the lanthanide elements principally cerium were used in protection against corrosion at high

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web jan 1 2000 powell describes displacement chromatography and elution chromatography as the two principal methods for separating lanthanide cations by ion exchange chromatography in displacement chromatography the ions to be separated are first sorbed onto a column of the resin the analyte metals are eluted from the column

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web feb 4 2021 the lanthanides are located on the top row of the two rows of elements found below the main body of the periodic table placing the lanthanides and the actinides the row below the lanthanides below the other elements is just a matter of aesthetics the lanthanides belong to period 6 like cesium barium and hafnium