



×Sorry to interruptCSS Error ×Sorry to interruptCSS Error carpet cleaning on stairs can be a challenging task since it may be difficult to reach and clean well, and that can tackle every possible type of dirt that can be found at home, including pet and human hair, fibers, lint, dust, and potential allergens, toxins, germs, stains, etc. Updated: November 4, 2023. Experiencing issues with your iRobot Roomba can be frustrating, especially when it stops cleaning and displays an error message. Error 17 on your Roomba typically indicates a problem with its navigation or cleaning system, preventing its and is plays an error message. from completing its task effectively. This article provides a comprehensive guide to understanding, diagnosing, and resolving Roomba Error 17, helping you get your robot vacuum back in action. Understanding Roomba Error 17, helping you get your robot vacuum back in action. head. This can be due to a variety of factors, from simple obstructions to more complex sensor malfunctions. Addressing this error promptly can prevent further damage and ensure your Roomba continues to clean efficiently. Preliminary Checks Before Troubleshooting Before diving into more complex solutions, perform these quick checks: Clean the cliff sensors: Use a dry cloth to wipe the sensors on the bottom of your Roomba. Dust accumulation can interfere with their functionality. Check for obstructions: Look for anything that might be blocking the Roomba's path or interfering with its brushes. Restart your Roomba: A simple reboot can sometimes resolve temporary software glitches. Press and hold the "Clean" button for about 15-20 seconds to restart the device. Common Causes and Solutions for Error 17 1. Blocked or Tangled Brushes, causing them to seize up and trigger Error 17. Solution: Turn off the Roomba is powered off before performing any maintenance. Remove the brushes: Take out both the main brush and the side brush. Clean the brushes: Remove any visible hair, threads, or debris. Use a brush cleaning tool or scissors to cut away tangled material. Clean the brushes: These can accumulate dirt and grime, hindering brush rotation. Reinstall the brushes: Put the cleaned brushes back into the Roomba, ensuring they are properly seated. 2. Obstructions in the cleaning head module Problem: Debris can sometimes get lodged in the cleaning head module, preventing the brushes from moving freely. Solution: Remove the cleaning head module: Refer to your Roomba's manual for specific instructions on removing the cleaning head module. Inspect for obstructions: Carefully examine the module for any visible debris, such as small objects or clumps of dirt. Clean the module for any visible debris, such as small brush or compressed air to remove any obstructions. Reinstall the module: Use a small brush or compressed air to remove any obstructions. Reinstall the module: Use a small brush or compressed air to remove any obstructions. head module to the Roomba. 3. Wheel Issues Problem: If one of the wheels is stuck or not rotating properly, it can cause navigation errors. Solution: Inspect the wheels: Remove any visible dirt or tangled hair. Test wheel movement: Manually rotate each wheel to ensure they move freely. If a wheel is stiff, try lubricating it with a small amount of silicone-based lubricant. Check for damage: Inspect the wheels for any physical damage that might be affecting it. 4. Cliff Sensor Malfunction Problem: The cliff sensors prevent the Roomba from falling down stairs. If these sensors: Use a dry cloth to gently wipe the cliff sensors located on the bottom of the Roomba. Test the sensors: Place the Roomba near a ledge and observe if it stops correctly. If not, the sensors may need replacement. 5. Software or Firmware Issues Problem: Outdated or corrupt firmware can sometimes lead to operational errors. Solution: Check for any available software or firmware updates for your Roomba. Install updates: Follow the app's instructions to install any available updates. Restart after update: After the update, restart your Roomba to ensure the changes take effect. 6. Battery Problems Problem: A failing or weak battery can sometimes cause unexpected errors. Solution: Check battery health: Use the iRobot app to check the battery's health status. Recharge fully: Ensure the Roomba is fully charged before use. Replace if necessary If the battery is old or showing signs of failure, consider replacing it with a new one. Practical Tips for Preventing Roomba, including brush cleaning, sensor checks, and debris removal. Clear Obstacles: Before running your Roomba, clear the floor of small objects, cords, and other potential obstacles. Use Virtual Walls: Utilize iRobot's Virtual Wall barriers to restrict the Roomba from areas that might cause it problems. Troubleshooting Guide Problem Solution Brushes not rotating Clean or replace brushes and bearings. Cliff sensors not working Clean sensors; replace if necessary. Wheel issues Clean wheels, lubricate if needed, check for damage. Software glitches Update firmware; restart Roomba. Battery problems Check battery health, fully recharge, replace if needed, check for damage. Software glitches Update firmware; restart Roomba. Battery problems Check battery health, fully recharge, replace if needed, check for damage. Regularly check the Roomba's performance and address any issues promptly. Keep the Charging Station Clear: Ensure the charging station is free from obstructions for optimal charging. FAQ How do I reset my Roomba after getting Error 17? To reset your Roomba, press and hold the "Clean" button for about 15-20 seconds. This will restart the device and may clear the error. If the error persists, further troubleshooting is needed. Why does my Roomba keep stopping and showing Error 17? This usually indicates a problem with the brushes, sensors, or wheels. Check for obstructions, clean the components, and ensure everything is functioning correctly. Can hair buildup cause Roomba Error 17? Yes, hair buildup is a common cause. Hair can get tangled in the brushes and empty the dustbin after each use. Perform a more thorough cleaning, including sensor checks, at least once a week to maintain optimal performance. Is Roomba Error 17 covered under warranty? Error 17 might be covered under warranty if it's due to a manufacturing defect. Check your warranty if it's due to a manufacturing defect. the error persists, contact iRobot customer support for further assistance. They may provide advanced diagnostics or recommend professional repairs. Gentle Cleaning: Use gentle cleaning methods to avoid damaging sensitive components like the sensors. Avoid Water: Never submerge the Roomba or its components in water. Use a dry or slightly damp cloth for cleaning. Regularly inspect the Roomba for signs of wear and tear, and address any issues promptly. Genuine Parts: When replacing parts, use genuine iRobot components to ensure compatibility and performance. Conclusion Roomba Error 17 can be a frustrating issue, but with a systematic approach to troubleshooting, you can often resolve the problem yourself. Regular maintenance, careful cleaning, and prompt attention to potential issues will help keep your Roomba running smoothly and efficiently. By understanding the common causes and solutions for Error 17, you can ensure your iRobot Roomba continues to provide a clean and healthy home environment. If all else fails, don't hesitate to contact iRobot support for expert assistance. Understand Roomba Error 17 Roomba Error 17 is related to a navigation issue, often indicating the robot is unable to complete its starting processes. This error may occur due to problems with the robot's sensors or blocked wheels. Ensuring the Roomba is on an even surface can help avoid this error. Steps to Fix Roomba Error 17 Check the Environment: Make sure the Roomba's environment is suitable for starting the cleaning task. Keep it on a flat surface, free from dust and obstacles. Inspect the Wheels: Turn your Roomba upside down and ensure the wheels are free to move. Clear any debris or dirt that might be obstructing them. Clean the Sensors to navigate. Use a soft cloth to gently wipe any dust or dirt off the sensors located at the bottom. Perform a Reset: For a hard reset, press and hold the "CLEAN" button for about 10 seconds. This helps in reinitiating the base algorithms of Roomba, potentially solving navigation issues. Update the Firmware is up to date by connecting it to the iRobot HOME App. Check for Obstructions: Make sure that the Roomba's path is clear from any wires, carpets, or furniture that it could get stuck on. Charge the Battery: Verify that the battery is fully charged. An undercharged battery might be solutions, it might be indicative of a deeper hardware issue. Contact iRobot customer support for additional assistance or service options as they might need to examine the unit. Preventative Measures Regularly clean the Roomba to prevent dust accumulation on sensors and wheels. Doing so will help in reducing the chances of encountering error 17 regularly. Operate the Roomba in clutter-free environments to minimize recurring navigation issues. Share — copy and redistribute the material in any medium or format for any purpose, even commercially. Adapt — remix, transform, and build upon the material for any purpose, even commercially. The licensor cannot revoke these freedoms as long as you follow the license terms. Attribution — You must give appropriate credit, provide a link to the license, and indicate if changes were made. You may do so in any reasonable manner, but not in any way that suggests the licenser endorses you or your use. ShareAlike — If you remix, transform, or build upon the material, you must distribute your contributions under the same license as the original. No additional restrictions - You may not apply legal terms or technological measures that legally restrict others from doing anything the license for elements of the material in the public domain or where your use is permitted by an applicable exception or limitation . No warranties are given. The license may not give you all of the permissions necessary for your intended use. For example, other rights such as publicity, privacy, or moral rights may limit how you use the material. ×Sorry to interruptCSS Error Your Roomba robot might show the error 17 if the area where it is cleaning does not have enough lighting (so, its camera does not work) or the firmware of the Roomba unit is corrupt. When a Roomba robot starts the cleaning process (either manual or scheduled), the issue arises when it encounters error 17 (the robot is stuck). How to Fix Roomba error 17 (the robot is stuck). Roomba robot is showing Error 17. If you cannot turn on/off the lights of an area when Roomba is operating (e.g., you are in office and Roomba is operating), then you may schedule the switching of lights through a third-party app like IFTTT, Google Assistant, Amazon Alexa, etc. (i.e., any of the smart assistants) or use some motion sensors to turn on/off the lights. Also, make sure you give enough time (7-8 thorough cleanings) to your Roomba robot to map everything (rooms, floor plans, etc.) of your house. Moreover, the Roomba robot to map everything (rooms, floor plans, etc.) of your house. the case.Hard Reset the Roomba Robot to the Factory DefaultsYou may encounter error 17 on the Roomba robot. But before resetting, check if cleaning the camera lens of the device clears the error 17.Press and hold the Clean button on your Roomba robot. Press and Hold the Clean Button. In the case of the Roomba Robot to Reset itNow wait for 10 seconds. Then the light will start swirling around the bin or the clean button. You may wait (nearly one and a half minutes) till the swirling vanishes and the unit is properly powered on. Once the unit is properly powered on, check if it is clear of the Roomba error 17. Press and hold the Home (or Dock) and Spot Clean button on the Roomba error 17. Press and hold the Spot and Dock Buttons on Your Roomba Robot to Reset itThen wait for 20 seconds and release both buttons. Now the unit will play a reboot tone and once the unit is powered on, check if it is clear of the error 17. If the issue persists, then check if disabling the Edge Clean Mode (open the Cleaning Preferences in the iRobot Home app and disable the Edge Clean) sorts out the issue. Disable Edge Clean of the Roomba RobotAlso, it will be a good idea to use Single Coverage (for large rooms, you can opt for double coverage) and not the default settings of Roomba. If that did not do the trick, check if resetting the device to the factory defaults, remapping, and using a new base location of the robot solves the problem. × Sorry to interruptCSS Error Want to give your brand videos a cinematic edge? Join our visual experts and special guests for an info-packed hour of insights to elevate your next video project. Tune in on June 24 at 11am ET.Register NowHow can financial brands set themselves apart through visual storytelling? Our experts explain how.Learn MoreThe Motorsport Images Collections captures events from 1895 to today's most recent coverage.Discover The CollectionWant to give your brand videos a cinematic edge? Join our visual experts and special guests for an info-packed hour of insights to elevate your next video project. Tune in on June 24 at 11am ET.Register Now How can financial brands set themselves apart through visual storytelling? Our experts explain how.Learn More The CollectionWant to give your brand videos a cinematic edge? 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Donating not only extends the life of your device but also supports those in need within your community. Have questions about buying a Roomba®? Contact Customer Care Complete your purchase now to upgrade with your trade in. If you'd like to make changes, simply remove the trade in from your cart. Step Who made it? Step Choose your model Please choose the model of your trade-in. How to find it: To find your Roomba® or Bravaa® model number, turn the robot over. The model number of your trade-in (OPTIONAL). How to find it: Your Roomba® or Bravaa® serial number of your trade-in (OPTIONAL). number can be located easily, simply by removing the bin. With the bin removed, just turn your robot over and look at where the bin was located. Step Is this your model? Here's how to use it: Add a robot vacuum or mop to your cart today and see the expected trade-in credit applied to your total. You will receive the credit back to your method of payment once we receive the device(s). If your model doesn't match the condition described you will receive an email with next steps. × Sorry to interruptCSS Error × Sorry to interruptCS clean, making this new vacuum perfect for busy families and pet-loving homes. Roomba and pet-loving homes. Roomba et al. 200. Limited Time Offer. Level up your floorcare routine with the new Roomba Plus Combo Robot + AutoEmpty dock \$699.99 to Save \$200. Limited Time Offer. Level up your floorcare routine with the new Roomba Plus Combo Robot + AutoEmpty dock \$699.99 to Save \$200. Limited Time Offer. Level up your floorcare routine with the new Roomba Robot + AutoEmpty dock \$699.99 to Save \$200. Limited Time Offer. Level up your floorcare routine with the new Roomba Robot + AutoEmpty dock \$699.99 to Save \$200. Limited Time Offer. Level up your floorcare routine with the new Roomba Robot + AutoEmpty dock \$699.99 to Save \$200. Limited Time Offer. 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Level up your floorcare routine with the new Roomba Robot + AutoEmpty dock \$699.99 to Save \$699.99 to Save \$699.99 to Save and a high-powered docking station. This new 2-in-1 robot takes more work off your to-do list with bin emptying, pad washing, and self-cleaning cycles. Roomba Plus 505 Combo robot + AutoWash<sup>M</sup> dock \$549.99 Price reduced from \$999.99 to Save \$200. Limited Time Offer. Roomba Plus 405 Combo robot + AutoWash<sup>M</sup> dock \$549.99 Price reduced from \$999.99 to Save \$200. Limited Time Offer. Roomba Plus 405 Combo robot + AutoWash<sup>M</sup> dock \$549.99 Price reduced from \$999.99 to Save \$200. Limited Time Offer. Roomba Plus 405 Combo robot + AutoWash<sup>M</sup> dock \$549.99 Price reduced from \$999.99 to Save \$200. Limited Time Offer. Roomba Plus 405 Combo robot + AutoWash<sup>M</sup> dock \$549.99 Price reduced from \$999.99 to Save \$200. Limited Time Offer. 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Here's how it works: Get your Trade-In estimate Purchase a Roomba® or Braava® robot today and see your expected trade in credit. Send your robot to us We will confirm the model we received matches the model you entered. Receive your credit Once confirmed, you will receive the credit back to your method of payment. While it doesn't qualify for our iRobot® Trade-In Program, here's ways you can still recycle your current product... Recycling resources & tips EPA Electronics Donation and Recycling Consider donating your non-qualifying device. Many local charities, schools, or community centers may benefit from a used vacuum or mop. Donating not only extends the life of your device but also supports those in need within your community. Have questions about buying a Roomba®? Contact Customer Care Complete your purchase now to upgrade with your trade in. If you'd like to make changes, simply remove the trade in from your cart. Step Who made it? Step Choose your model Please choose the model of your trade-in. How to find it: To find your Roomba® or Bravaa® model number, turn the robot over. The model number of your trade-in tra (OPTIONAL). How to find it: Your Roomba® or Bravaa® serial number can be located easily, simply by removing the bin. With the bin removed, just turn your robot over and look at where the bin was located. Step Is this your model? Here's how to use it: Add a robot vacuum or mop to your cart today and see the expected trade-in credit applied to your total. You will receive the credit back to your method of payment once we receive the device(s). If your model doesn't match the condition described you will receive an email with next steps. RobotPoweredHome is reader-supported. When you buy through links on my blog, I may earn an affiliate commission. As an Amazon Associate, I earn from qualifying purchases. I have scheduled my Roomba to come out and clean twice a day. Once in the morning after I head out for work, and once at night after I turn in. But recently, I have been finding the vacuum frozen in the middle of its cleaning cycle with Error 17. I wasn't sure what was causing the issue. But after going through the iRobot help center and the vacuum settings, I finally realized what was causing the issue. Error 17 on your Roomba is cleaning in has enough light. Moreover, the sensors of the robot should be squeaky clean. Roomba Error 17 occurs when the robot is unable to complete its cleaning job and cancels the mission. The error is often related to issues with navigation and obstacles. Roomba relies on its front-facing camera and headlight to detect obstacles and navigate effectively. But, the headlight does not emit enough light for the robot to navigate correctly in dark environments. This is why the cleaning area should have adequate lighting. Other possible causes can be: Changes in the environment during the cleaning mission. Thick carpets, such as shag carpets, can impede Roomba's navigation. Roomba may struggle to drive over transitions or obstacles, like high doorway thresholds. Excessive clutter in the cleaning area can obstruct Roomba's movement. Maintenance issues with the robot, such as a loose Front Caster Wheel. Dust or debris on the camera or Floor Tracking Sensor can interfere with Roomba's performance. Identifying the specific cause of Error 17 can help you troubleshoot the issue effectively and determine the necessary actions to resolve it. If there's no change in the environment and the sensors. To ensure that the Roomba is not facing any issues during the cleaning cycle due to the dirty camera and floor tracking sensors, clean them properly. Here's how you can do that: Before cleaning, make sure your Roomba is turned off and not connected to the charging dock. Locate the sensors are positioned on the underside or sides of the robot. Dampen a microfiber or soft cotton cloth with water or a screen cleaning solution. Carefully wipe the camera lens and the surrounding area to remove any dust, smudges, or debris. Be gentle to avoid scratching the lens or damaging the camera. To clean the sensor, take a dry microfiber or soft cotton cloth and gently wipe the sensors to remove any accumulated dust or debris. Avoid using any cleaning solutions directly on the sensors. While starting a cleaning cycle, if your Roomba passes near a really strong incandescent bulb, it can interfere with the Roomba's IR sensors that look for a specific type of IR wave. Try positioning your Roomba's home base in an area or room that doesn't have a strong incandescent bulb near its fixtures. Now perform a cleaning cycle and see if Error 17 shows up again. Note that while running Roomba again, keep the lights at maximum. If cleaning the sensors, removing obstacles, and providing enough light does not work, there might be an issue with the floor navigation sensors or the Roomba's camera. In such cases, it is recommended to contact Roomba's customer care for further assistance. They will replace the defective parts or the vacuum depending on the extent and reason of the damage. If your Roomba is not emptying when you press the Empty Bin button, try rebooting the Roomba by pressing and holding the Clean button for at least 20 seconds. The bin can be washed by hand, but it is not dishwasher safe. Only rinse the bin with warm water after removing the filter first. According to iRobot, a full charge of your Roomba can last up to two hours of cleaning. The battery life is approximately 2-4 years, and you only have to think about replacing the battery then. iRobot says Roomba filters can last up to 2 months and recommend replacing them as soon as this period ends. Skip to main content So you can revolutionize robotics By combining your engineering skills with iRobot's tech innovation, you can thrive We get it - you do better work in a workplace that provides flexibility. And when you work better, we do too. So you can crush sales records If you've mastered the art of persuasion, iRobot's products and platform will make it easy for you to close deals in style. So you can green-light greatness From accounts payable to expense reports, nothing gets past you—and you take pride in each piece of the puzzle. Back to Top Running into that pesky Roomba Error 17? No one likes coming back to a messy home. This is why many of us opt to buy robotic cleaners. However, what do you do when these automated cleaners stop working? A Roomba is a nifty robotic machine that moves around your home, brushing and vacuuming your floors, carpet, and rugs. Since the machine can spin around in different directions, the Roomba will clean any area it can squeeze into. Although the machine makes life easy for many of its users, it can run into an error or two. Don't worry—youre not alone. If you find yourself facing Roomba error 17, check out some of our tips below. However, before we get started, let's talk about what the issue is and why it occurred. What is a Roomba Error 17? Over the years, Roomba has come up with an extensive category of the different types of errors users can encounter. These error types are organized into different error codes. This brings us to the Roomba error 17. This error indicates that your robotic cleaner is facing issues regarding its navigation systems. Once this error is detected, your Roomba will come to a halt. This is because it cannot calibrate what's in front of it. This is a great built-in safety function as it stops your machine from functioning blindly and causing damage to itself or its surroundings. Why Does My Roomba Keep Saying Error? Now that you know exactly what this error indicates let's talk a little about why you might encounter this problem. This error takes place when the infrared sensors (IR) of your Roomba are dirty. Another reason for this is that your machine may be receiving interference from its surrounding. A Roomba error 17 can also occur if your Roomba's software input isn't correct, it will assume that the sensors are malfunctioning. How Do I Fix Error 17 on My Roomba error 17. Check some of them out below: Relocate Your Home Base According to some complaints, users found that they encountered this issue whenever the machine passed a really bright incandescent bulb they had turned on. This reasoning makes sense as such bulbs emit strong IR waves and light. This can easily interrupt your Roomba's home base to a room that doesn't have a very strong light. You can also schedule your cleaning during the day so that these bulbs do not cause a Roomba error 17. Restart Your Roomba Restarts can help remedy all sorts of bush your machine may be facing. This includes error 17. Check out how to restart different models of the Roomba: Restarting an iSeries Roomba error 17. Restart Your Roomba Restarts can help remedy all sorts of bush your machine may be facing. button for approximately 20 seconds. Then release this when the white light around the button begins to spin clockwise. Give your machine a couple of minutes to turn on. Remember that the restart is completed when the white light around the button for 20 seconds. Do this until the white LED light begins to spin clockwise. Your Roomba will begin its restart in a couple of minutes. After this, once the white light is no longer turned on, you can be sure that the restart was successful. Restarting a 700-900 series Roomba: Press and hold down the Clean button for approximately 10 seconds Release the button once you hear a beep The Roomba will now reboot. If you're still experiencing a Roomba error 17, then the two other things left to do are reset your machine or change the IR sensors on your Roomba. How Do I Hard Reset My Roomba? To be able to perform a hard reset, you need need to install a Roomba companion app from the app store. Keep in mind that conducting a hard reset on your device will erase all your data from the vacuum as well as the app and the Roomba app. Navigate to Settings and then select Factory Reset. How Do I Change the IR Sensor On My Roomba? One of the leading causes for a Roomab error 17 is an issue with the IR sensors. There is a chance that the dust and grime from yoru floors, rugs, and carpets have covered the robot's sensors or change them. Clean your IR sensors: Locate the plastic window and clean it with a microfiber cloth Flip the Roomba and clean the sensors: Locate and press the bin. Pull this out. Flip your device over and remove the side brush. This can be done using a Phillips #2 screwdriver. Unscrew the four backplate screws using a Phillips #2 screwdriver. Once you've unscrewed screws, lift the back plate of the device right side up and lift the bumper off. Remove the two screws that connect the sensor to the bumper and then pry the top cover open. Remove the sensors. Conclusion We hope you found this guide helpful n resolving the Roomba error 17. We recommend starting off with the more straightforward steps like relocating your home base. Remember that a crucial part in resolving this error is to know which model youre dealing with. If youre still running into this issue, contact iRobot's customer support services