

# bose cd20 manual

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REV01-02 CHANGED MAGAZINE PART NUMBER

CAUTION: THE BOSE® MODEL 20 (CD-20) MUSIC CENTER CONTAINS NO USER-SERVICEABLE PARTS. TO PREVENT WARRANTY INFRACTIONS, REFER SERVICE TO WARRANTY SERVICE STATIONS OR FACTORY SERVICE.

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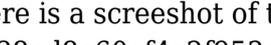
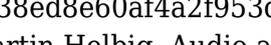
2 Turn on the power switch of the unit. 3 Measure the resistance with an ohmmeter between the jumpered AC plug and each exposed metallic cabinet part on the unit. ELECTROSTATIC DISCHARGE SENSITIVE ESDS DEVICE HANDLING This unit contains ESDS devices. We recommend the following precautions when repairing, replacing or transporting ESDS devices Perform work at an electrically grounded work station. Wear wrist straps that connect to the station or heel straps that connect to conductive floor mats. Avoid touching the leads or contacts of ESDS devices or PC boards even if properly grounded. Handle boards by the edges only. Transport or store ESDS devices in ESD protective bags, bins, or totes. Do not insert unpro tected devices into materials such as plastic, polystyrene foam, clear plastic bags, bubble wrap or plastic trays. Connection to a Bose link amplifier. These speakers are. PN 17832104 free of charge from Bose. Contact Bose customer service for more information. I realize there is a CD Changer Manual Release on the underside but can someone describe how to use it. There are two openings but it is not obvious how to release the cartridge. I have tried poking around with a small screwdriver but am afraid I will cause more damage.Shine a flashlight in and youll see a U shaped cut out sheet metal on top of another piece of sheet metal. Stick a thin blade down against the U and pull away from the front CD door. I got my cd cassette out but the cd still wont load. Good luck with yours. You can go to [www.AnyoneCanFixIt.com](http://www.AnyoneCanFixIt.com) and see the electronics section regarding the Bose Lifestyle 20 Series. If you cant get the CD magazine out by using the manual release on the bottom of the unit, the

instructions will show you how to work around that too. If you can get the CD magazine out, you will most likely have the problem of the unit just buzzing, buzzing, buzzing, and not able to load a CD to play. The instructions will show you how to fix that. <http://nsdadventist.org/FCKData/colt-1911-45-acp-manual.xml>

I manage to solve my magazine release problem thanks to Claudio Fassardi. I think the cause of the sticking was a thicker CD, its in the recycle bin already. Unfortunately before having read his post I tried blindly to work the CD Changer Manual Release and so I released one of the 4 springs mentioned by others. Anyway Im listening to my CDs once again and it didnt cost the crazy fees Bose charges. I got the CD Changer out. My daughter had put the CDs in upside down. However, when I righted them, it still wont play. Is there a reset Im sorry, and this wont be very useful, but Ive never heard of a CD player that locks up when you put a CD in upside down. Just brutal. I am not a happy Lifestyle 20 owner, though. A much more serious problem has occurred as I switch on power a low tone noise appears and its there all the time unless you increase the volume in order to hide it. I havent taken the whole set to the Bose assistance for the reasons we all know to much time and money. Has anyone have this problem before Hopefully you have an external device that was recently added or some motor plugged into the same AC circuit that could explain the problem. Probably not but you never know! I used the manual eject slot on the bottom of the Music Center, following instructions I learned here, and inserted a long slim jewelery tool, and freed it. That solved the humming problem. Thanks to all who take the time to record their experience and knowledge here. Post Number 1 Registered May10 CD magazine was stuck in my Lifestyle 20. I managed to get it out. However, it will even get stuck and make the same noise for an empty magazine. So I am suspecting a CD may be stuck inside or something is messed up inside. Thoughts Advice There are a couple things to keep in mind. If your player seems stuck and makes a humming sound, there are two motors in the unit. The nylon gears after time will split causing the shaft to turn inside the gear.

After removing the CD carriage turn it upside down and with the ribbon cable still connected you will see the two motors and hear the motor turning. Most of the time itll be the smaller motor gear that goes bad. If you care to repair it yourself youll theres a way around it. The shaft is highly polished. I removed the gear and took a small rattail file and ran it length wise along the shaft to roughen it up and then used some epoxy, not crazy glue and attached the gear to the shaft. Wait at least two days for it to dry. That should do the trick. Here are some tips. I suggest people to try my method first and fall back to taking the main unit apart if my method does not do the trick. My CD cassette would not eject. At this point I could see the worm gear and the black rollers. With power reconnected and fiddling with the Next Disc button, the 2 black rollers then moved so I could no longer see the nylon gears. I put 2 discs in the cassette, in the top 2 slots slots 5 and 6 and put the cassette back in the main unit. Repeat the process of using the Next Disc button, and as soon as the the CD came out of the player, back into cassette slot 6, I detached the power. Use the Manual Eject slot to get the cassette out again. The gears will be visible and the 2 black rollers out of the way, at the top. This is the drive gear for the worm gear you will see. Link to photo at the end of this post. Im listening to a CD as I write this. Lets hope the gear is not cracked and that this fix does the trick. I did not use glue, so I may have to repeat this process some day, but at least the player is working now. Maybe Ill go back and add a dab of glue, accessing the gear the same way. M.jpg If this was helpful, the best way to say thank you is to visit my site about Americas Cup sailing and sign up for the FREE newsletter. Computers 2,549 Laptops, Car Audio 255 Head Units.

By continuing to use this site you consent to the use of cookies on your device as described in our cookie policy unless you have disabled them. By chatting and providing personal info, you understand and agree to our Terms of Service and Privacy Policy. Home TheaterStereo Home theater questions. Hi Dan, I have a Bose Lifestyle 20 with the magazine stuck and tried the manual release mechanism. The magazine has partially released and the whirring sound has stopped but the

magazine still wont come out. How old is it Bose Lifestyle model 20 from 1998 Technicians Assistant How long has this been going on. What troubleshooting have you tried. I hadnt used it for a few years then put it together yesterday. It worked fine for a few hours then stopped. I tried switching off for a few hours then holding down the eject button while switching on but to no avail. I also tried turning it upside down for a while then switching back on and pressing eject, also to no avail. Then I tried using a narrow blade in the manual release which stopped the motor running and partially released the magazine but it still wont eject. Technicians Assistant Anything else you want the electronics expert to know before I connect you. The Loading gear for the mechanism to move up and down has a crack and sits loose on the motor shaft. This little plastic gear is no longer available. Only option is to find a similar gear or which I have done before is glueing the cracked gear onto the shaft so it wont slide off. Ask Your Own Home TheaterStereo Question Technician Martin Helbig, Audio and Video Technician replied 3 years ago The gear used to have the Part number 189099. Here is a screenshot of the gear. If you try to glue onto the shaft, be careful not to use to much glue.   Ask Your Own Home TheaterStereo Question Technician Martin Helbig, Audio and Video Technician replied 3 years ago Here is also a link to some of the issues with the CD20 and potential fixes.

BUT thank you for allowing me to help you with your question. I want nothing more than you to be 100% satisfied with my assistance. If you need additional information please use the reply box to let me know. If you are all set and happy with my assistance, please remember to use the stars above to rate my assistance so we can close this question out. Ask Your Own Home TheaterStereo Question Technician Martin Helbig, Audio and Video Technician replied 3 years ago Hello Sir, could you please rate my service, so I can close out the question. I would appreciate it. Now I know what the problem is and that there isnt an easy solution. I probably wont get the CD magazine working again as I dont have the confidence to take it apart and effect a repair.Thanks again.John Technician Martin Helbig, Audio and Video Technician replied 3 years ago Thanks John, if you please provide me with a positive rating so I can close out the question. Have a nice day Sir. Ask Your Own Home TheaterStereo Question Technician Martin Helbig, Audio and Video Technician replied 3 years ago Hello John, could you please provide a positive rating so I can close out the question. Ask Your Own Home TheaterStereo Question Customer reply replied 3 years ago I rated you 4 stars a few days ago. Technician Martin Helbig, Audio and Video Technician replied 3 years ago Thank you very much Ask Your Own Home TheaterStereo Question Was this answer helpful.It wont play and it wont eject. Bose Lifestyle 25 Series The 6 Disc Magazine will not eject.I must disconnect power to make it stop. If I plug the unit in there is a repeated buzzing sound. I have a Bose Music System with the extra three CD changer. My problem is with the CD changer. One of the slots wont eject the CD, it says there is a disc error. The CD changer has gotten I have a Bose Lifesyle Model 20. The CD changer has gotten stuck. It wont advance or turn off and keeps clicking. How can I get the cd cassette to eject.

I cant eject the disc or eject the 6 disc cartridge. I have a Bose Lifestyle Model 20 that I purchased in 1997. I put a CD in the 6 disc magazine. Now the CD magazine is stuck.Posts are for general information, are not intended to substitute for informed professional advice medical, legal, veterinary, financial, etc., or to establish a professionalclient relationship. JustAnswer is not intended or designed for EMERGENCY questions which should be directed immediately by telephone or inperson to qualified professionals. JustAnswer in the News Askadoc Web sites If youve got a quick question, you can try to get an answer from sites that say they have various specialists on hand to give quick answers. Justanswer.com. JustAnswer.com.has seen a spike since October in legal questions from readers about layoffs, unemployment and severance. Traffic on JustAnswer rose 14 percent.and had nearly 400,000 page views in 30 days.inquiries related to stress, high blood pressure, drinking and heart pain jumped 33 percent. Tory Johnson, GMA Workplace Contributor, discusses workfromhome jobs, such as JustAnswer in which verified Experts answer people's

questions. I will tell you that the things you have to go through to be an Expert are quite rigorous. What Customers are Saying Wonderful service, prompt, efficient, and accurate. Couldn't have asked for more. I cannot thank you enough for your help. Mary C. Freshfield, Liverpool, UK This expert is wonderful. They truly know what they are talking about, and they actually care about you. They really helped put my nerves at ease. Thank you so much!!!! Alex Los Angeles, CA Thank you for all your help. It is nice to know that this service is here for people like myself, who need answers fast and are not sure who to consult. GP Hesperia, CA I couldn't be more satisfied. This is the site I will always come to when I need a second opinion. Justin Kernersville, NC Just let me say that this encounter has been entirely professional and most helpful.

I liked that I could ask additional questions and get answered in a very short turn around. Esther Woodstock, NY Thank you so much for taking your time and knowledge to support my concerns. Not only did you answer my questions, you even took it a step further with replying with more pertinent information I needed to know. Robin Elkton, Maryland He answered my question promptly and gave me accurate, detailed information. If all of your experts are half as good, you have a great thing going here. LOAJ3256 Technician 497 satisfied customers 35 years in Home Theater and Systems Integrator, Senior Neil Engineer 23 satisfied customers Electronics engineer with 25 years of experience. Posts are for general information, are not intended to substitute for informed professional advice medical, legal, veterinary, financial, etc., or to establish a professional client relationship. Show More Show Less How it works Login Contact Us Ask Your Question Send It. Please do not offer the downloaded file for sell only use it for personal usage. Looking for other manual For this no need registration. May be help you to repair. You could suffer a fatal electrical shock. Instead, contact your nearest service center. Note! To open downloaded files you need acrobat reader or similar pdf reader program. In addition, Also some files are djvu so you need djvu viewer to open them. These free programs can be found on this page needed progs If you use opera you have to disable opera turbo function to download file. If you cannot download this file, try it with CHROME or FIREFOX browser. Basszus vegfoka 23mp mulva megfut vagy pozitivba vagy negativba ha nincs a hangszoro rarakva, hangszoroval azonnal letilt, amikor a kimeneten eljut DC 4Vig a vedelem lekapcsolja relevel az erositot.

Mikor a MUTE hibát kerestem, volt olyan eset is, hogy nem futott meg a kimenet és szólt a basszus rendesen, de újból bekapcsolaskor ha nem halkítottam le a potit akkor kikapcsolt a rele, ha halkítottam akkor jó lett, de nagyon susogott, arra hasonlított mint amikor FM radio nincs az allomason, van egy közös mute tranzisztor az kapcsolja az összes többi, ha azt kizártam akkor is megmaradt a susogas, szerintem visszafelé jött valamelyik oldalról ezért szedtem ki mindegyik oldalról a tranzisztorokat, nem akartam bajlódni vele, hogy honnan jön a susogas vissza. Mi lehet a gond BOSE bekötési rajz Legyszi legyszi ha valaki tudnasegiteni egy BOSE AMP2440as erositó bekötésében, azt nagyon szepen megkoszonem. Ez AUDI A3asbol van, a steker nincs meg. Bose Lifestyle CD20 FLC kijelzo halvany Sziasztok! A fenti keszuleknek halvany a kijelzese. Eleg erdekesen van megoldva a kijelzo tapfesz, sokban fugg a bejovo 12VAC feszultsegtol. Kerdesem az lenne, hogy a futest probaljam emelni, vagy a 24Vot. A D8on a 30V is kevesebb, de az AC 4.5V is. Melyik befolyasolja jobban a fenyerot. A futes, vagy a negativ tapfesz Udv Jacint Bose Sounddock 1 tapegyseg csati Sziasztok. Egy barátom megkért, hogy talaljak vagy gyartsak egy tapegyseget a Bose dokkoljahoz. Sajnos az eredetiket aranyarban adjak, így gyartanom kell egyet. Talaltam is egy elegans kis 4 pines csatit, de fennakadtam az eredeti csatlakozo labkiosztasan. Talaltam egy rajzot de nem tudom eldönteni, hogy a kabeleken levot abrazolja, vagy a dokkoloban levot. Ha valakinek dolga volt ilyennel, és tudna segiteni, kerem ne tartsa vissza magat. Koszonom.. Similar manuals You can write in English language into the forum not only in Hungarian. Use only replacement parts that have critical characteristics recommended by the manufacturer. 2. Make leakage current or resistance measurements to determine that exposed parts are accept ably insulated from the supply circuit before returning the unit to the customer.

ANY MEASUREMENTS NOT WITHIN THE LIMITS SPECIFIED HEREIN INDICATE A POTENTIAL SHOCK HAZARD THAT MUST BE ELIMINATED BEFORE RETURNING THE UNIT TO THE CUSTOMER.

**B. Insulation Resistance Test Cold Check**

- 1 Unplug the power supply and connect a jumper wire between the two prongs of the plug.
- 2 Turn on the power switch of the unit.
- 3 Measure the resistance with an ohmmeter between the jumpered AC plug and each exposed metallic cabinet part on the unit.

Service Manual, Reference Number 738518SM REV 00. Contents. Product Overview. 2. Safety Information. 3. Electrostatic Discharge Sensitive ESDS Device Handling. 3. Part List Notes. 4. Main Packaging List. 5. Figure 1. Main Packaging View. 5. Essentials Kit Packaging List. 6. Figure 2. Essentials Packaging View. 6. Console Packaging List. 7. Figure 3. Console Packaging. 7. Line Cord Kit. 8. Revision History. 9. Product Overview. The SoundTouch series II wireless adaptor adds Wireless N 5 GHz and Bluetooth connectivity. Use only replacement parts that have critical characteristics recommended by the manufacturer. We recommend the following precautions when repairing, Handle boards by Do not insert unprotected devices into It is not stocked as a repair part. Refer to the next higher Failure to use a substitute replacement with the same safety Item. Number Qty Number Essentials Kit Packaging List. Item. Number Number Console Packaging List. Number Number Note Description. Qty Number Variation Initial Release Bose Corporation. The Mountain. Framingham Massachusetts USA 01701. Safety Information. 2. Electrostatic Discharge Sensitive ESDS Device Handling. 2. Product Description. 3. VideoWave™ AVM Control Console. 3. Console Variants. 6. AV35 Main Assembly Part List. 9. AV20 Main Assembly Part List. 10. AVM Main Assembly Part List. 11. Figure 1. Main Assembly Exploded View. 12. AV20 AUX PCB Part List. 5661. Disassembly Procedures. 6265. Figure 2. End Cap Latch. 64. Figure 3. Front of End Cap Release. 64. Figure 4. Rear of End Cap Release. 64. Figure 5.

End Cap Alignment Locator. 64. Issuing TAP Commands. 66. Figure 6. uTapia started in a command prompt window. 66. Figure 7. TAP Cable. 66. Setting the Console's Product, Region Variant. 67. Revision History. 71 Use only replacement parts that have critical characteristics recommended by the manufacturer. Use the following checks to perform these measurements. A. Leakage Current Hot Check With the unit completely reassembled, plug the AC line cord directly Any current measured must not We recommend the following precautions when repairing, Handle boards by the edges only. Do not insert unprotected The AV35 and AV20 based systems use variants of the console built using the same mechanical Internal PC board assemblies have different hardware features populated. System Feature Comparison Wholehome BoseLink Master. Front and back USB jacks. Dark grey console cosmetics. PS III bass box with either No BoseLink Master capability. Front USB jack only. Silver console cosmetics. PS III bass box with either. Double Shots T20 or Single Shots Headphone input on front. Integrated IR blaster and external dongle for control integration. Unify™ setup wizard. VideoWave™ AVM Control Console VideoWave connector, click pad remote, no tuner, no Bose link master capability, Approval from the Field Service Manager Failure to use a substitute replacement with the It is not stocked as a repair part. Refer The difference between the two PCB types is the Apple authentication chip used, U103. To comply with. Apple licence agreements, the appropriate PCB must be used. First 6 digits of Variant Tuner PCB. Non WWiP. Tuner PCB Refer to page 67 Setting the Console's Product, Region Variant Use PCBs with IP. First 6 digits of Variant System Level. Material Number Material. Number Additional notes Refer to the manuals below for system packaged part list. Countries Supported. Service Console. First 6 Digits. United States, Canada Countries Supported. United States, Canada. Europe. Japan.

Asia Pacific, Middle East including Australia, China, Singapore, Taiwan. Korea, India, Philippines United States, Canada. I entertainment system. First 6 Digits Japan. II entertainment system. Korea, India, Philippines Essentials Kit. Material Number Material Number Description Direct Reflecting Speakers Pack. Material Number. Description Jewel Cube Pack. Material Number Additional notes Refer to the manuals below for system packaged part list. Number Ipad Connector. AV35 Variant. Main Assembly Part List. Refer to Figure 1 Main Assembly Exploded View

on page 12. NumberMaterial NumberTUNER PCB, AV35 CONSOLE, NONWWiP, EU. TUNER PCB, AV35 CONSOLE, NONWWiP, JP. TUNER PCB AV35 CONSOLE, WWiP, US. TUNER PCB AV35 CONSOLE, WWiP, EU. TUNER PCB AV35 CONSOLE, WWiP, JPNote 7. When replacing the Main PCB for NonUS units, the console variant needs to be set to showRefer to page 67 Setting the Console's Product, Region VariantMain Assembly Part List. No FM. No Bose Link Out. No Ipod Connector. NumberMaterial NumberRefer to page 67 Setting the Console's Product, Region VariantMain Assembly Part List. Ipod Connector. NumberRefer to page 67 Setting the Console's Product, Region Variant. Note 8. When replacing a PCB in a AVM console, refer to page 6 to varify console type. Use PCBsDescription. Note. Reference. DesignatorDescription. DesignatorResistors. Description. Designator. Material NumberCapacitors. Material NumberDescription. DesignatorCapacitors. Material NumberDiodes. Material NumberTransistors. DesignatorBPLR, P, 40V, 200mA, SOT23. BPLR, P, 40V, 200mA, SOT23BPLR, N, 50V, 100mA, SOT23BPLR, N, 40V, 200mA, SOT23. BPLR, N, 40V, 200mA, SOT23BPLR, N, 40V, 200mA, SOT23BPLR, N, 40V, 200mA, SOT23BPLR, N, 50V, 100mA, SOT23Reference. Material NumberIntegrated Circuits. DesignatorMaterial Number. ST7200C3, AWC, Bose Map, No. MacrovisionReference. DesignatorNumber. NoteReference. Material. NumberConnectors. DesignatorNumberDescription. DesignatorReference.

Material NumberAV35 Tuner PCB Part List. Resistors. DesignatorAV35 Tuner PCB Part List. DesignatorMaterial NumberAV35 Tuner PCB Part List. Capacitors. Diodes. DesignatorMaterial NumberDescription. DesignatorBPLR, P, 40V, 200mA, SOT23BPLR, N, 50V, 100mA, SOT23BPLR, P, 40V, 200mA, SOT23BPLR, N, 50V, 100mA, SOT23AV35 Tuner PCB Part List. Transistors. Integrated Circuits. STM32F103, 32bitARMMCUAV35 Tuner PCB Part List. Inductors. DesignatorMaterial NumberSENSOR, IR, RCVR, 38kHz, MTHAV35 Tuner PCB Part List. Crystals. DesignatorMaterial NumberDesignatorMaterial Number. DesignatorMaterial NumberConnectors. DesignatorMaterial NumberReference. DesignatorMaterial NumberAV20 AUX PCB Part List. DesignatorAV20 AUX PCB Part List. DesignatorBPLR, N, 50V, 100mA, SOT23BPLR, P, 40V, 200mA, SOT23.