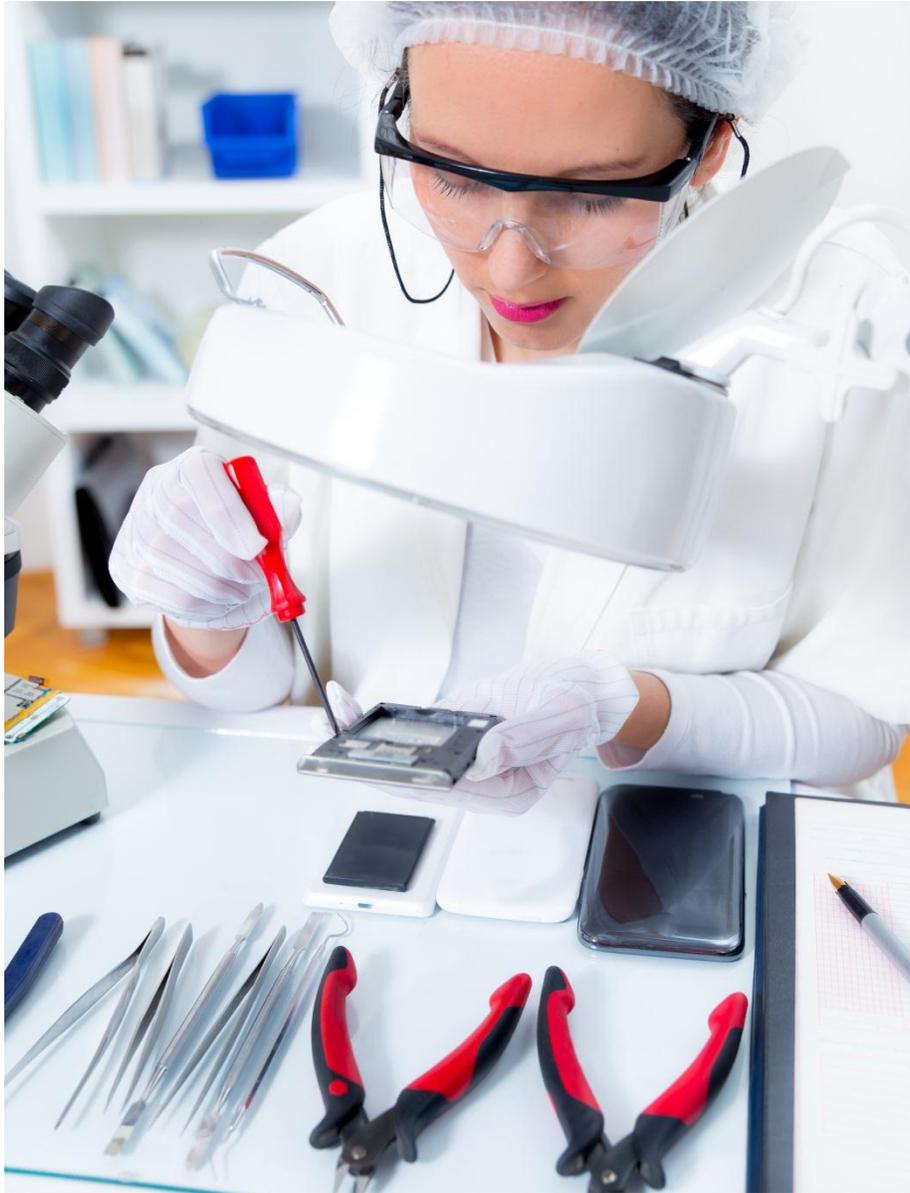


iDevice Repair Course



CLEVELAND
INSTITUTE OF
ELECTRONICS

IDevice REPAIR (IPHONE, IPAD AND IPOD)
LESSONS 9061C THROUGH 9070C

Study Guide to accompany *The Unauthorized Guide to iPhone, iPad, and iPod Repair: A
DIY Guide to Extending the Life of Your iDevices!*

By Timothy L. Warner
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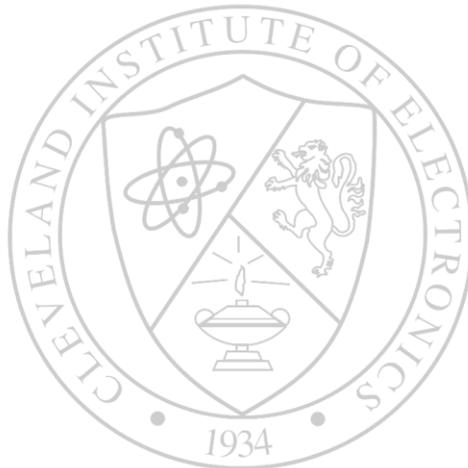
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This study guide contains excerpts from the book *The Unauthorized Guide to iPhone, iPad, and iPod Repair – A DIY Guide to Extending the Life of Your iDevices!* by Timothy Warner

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Chat with Your Instructor

This course is all about the concepts of repairing the myriad line of iDevices, and is designed to provide you with ideas for learning about disassembly/reassembly. The study guide is designed such that each chapter in the guide has ideas presented in a chapter-by-chapter format.

The study of topics should follow the section-by-section format of the book and are intended to give you a range of ideas for your understanding of the challenges and procedures for device disassembly. These can be supplemented with the exercises that are included in the text.

Students often learn from experimentation of the materials in the technology topics. For this reason, there are many exercises that you can practice. These exercises may require you to solve a problem, work through a new direction in technology, or even attempt to predict the future. All of the topics and exercises are meant to be thought provoking and to help you apply what you are learning.

Finally, you will the exams for each of the lessons. These are taken from the materials in the book, and are not designed to be researched and answered through any resources you may locate on the internet.

We wish you an enriching course experience and wish you all the best in your academic endeavors.

Chapter 1 – Why Do it Yourself?

Overview

The obvious activity in this chapter will be to present all the reasons why you might want to consider taking screwdriver in hand and performing DIY work on your iDevices.

Objectives

1. Why repair versus replace
2. Overview of product lines

Lesson 9061C Assignments

- Read Chapter 1
- Read Study Guide for Lesson 9061C
- If you have the resources available to you please complete the activities throughout the chapter for it will benefit your learning potential. Continue to the next chapter for lesson exam.

Resources

See chapter

iDevice Repair Lesson 9061C Examination

Please complete the following exam. You may use the electronic grading system for quicker response. Simply log on to www.study-electronics.com and enter your credentials. Once the exam has been submitted, your results will be returned within 72 hours. You may also e-mail your answers to faculty@cie-wc.edu, or fax them to us at 1-216-781-0331. If you have any questions, please contact the Instruction Department.

1. If an iDevice requires servicing while under warranty, the tech at the Apple store would _____.
 - (1) replace the defective parts
 - (2) replace the device
 - (3) suggest another vendor
 - (4) issue a credit
2. An iPod is an iPhone without the cell phone capability.
 - (1) True
 - (2) False
3. Which iPod does not use a dual case?
 - (1) iPad Z
 - (2) iPad Mini
 - (3) iPad
 - (4) All are dual core
4. How much does Apple Care+ cost?
 - (1) \$99
 - (2) \$150
 - (3) \$250
 - (4) Nothing: it's free
5. An iDevice is considered a "brick" when it is bought second hand.
 - (1) True
 - (2) False
6. The "Classic" iPad was the first to use a solid-state disk storage
 - (1) True
 - (2) False
7. Which iPad touch model offers 802.11n connectivity?
 - (1) 3rd generation
 - (2) 4th generation
 - (3) 5th generation
 - (4) All of them
8. iPhone 3 production was discontinued on what date?
 - (1) June 24, 2010
 - (2) September 9, 2010
 - (3) April 3, 2010
 - (4) June 4, 2010

9. All iDevice swap outs are with new hardware.
(1) True (2) False

10. How many days does Apple allow for the purchase of an Apple Care+ plan?
(1) 30 days
(2) 90 days
(3) Only at the time of purchase
(4) Unlimited time

END OF EXAM

Chapter 2 – The Tools of the Trade

Overview

The key activity in this chapter is to get an understanding what is required of you, from characteristic traits to specific hardware tools, to becoming an effective iDevice technician.

Objectives

1. Technical and character traits of the technician
2. Tools and certification

Lesson 9062C Assignments

- Read Chapter 2
- Read Study Guide for Lesson 9062C
- If you have the resources available to you please complete the activities throughout the chapter for it will benefit your learning potential.
- Continue to the next chapter

Resources

<https://www.ifixit.com/Store/Tools>

Chapter 3 – Protecting Your iDevice User Data and Settings

Overview

The purpose of the chapter is to show you how to ensure that you don't lose documents or settings when you perform work on the iDevice hardware.

Objectives

1. Manual and automatic backups of data
2. Jailbreaking and unlocking iDevices

Lesson 9062C Assignments

- Read Chapter 3
- Read Study Guide for Lesson 9062C
- If you have the resources available to you please complete the activities throughout the chapter for it will benefit your learning potential.
- Submit exam and then continue to the next chapter

Resources

See chapter

iDevice Repair Lesson 9062C Examination

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1. This company tests the iDevice replacement parts it sells.
 - (1) Amazon
 - (2) iFixit.com
 - (3) E-Bay.com
 - (4) None of the above

2. An ESD safe tool made of plastic or wood.
 - (1) pentalobe screw driver
 - (2) heat gun
 - (3) spudger
 - (4) tweezer

3. Hair dryers are just as capable as a heat gun in supplying the appropriate heat.
 - (1) True
 - (2) False

4. This certification does not authorize a technician to form repairs on Apple products.
 - (1) AASP
 - (2) ACN
 - (3) OnForce Consultant
 - (4) ACMT

5. A paper egg carton can be just as effective as a magnetic project mat for use as a screw receptacle.
 - (1) True
 - (2) False

6. Sideloaded materials are included by default in the iTunes or iCloud backup.
 - (1) True
 - (2) False

7. Apple allows you to synchronize your iDevice with _____ computer(s).
 - (1) Two
 - (2) Zero
 - (3) One
 - (4) As many as you want

8. The application of code exploits used to gain root access to the iDevice's file system is known as _____.
- (1) Bricking
 - (2) Unlocking
 - (3) Restoring
 - (4) Jailbreaking
9. You can enable the Wi-Fi sync if your iDevice is on a network.
- (1) True
 - (2) False
10. This is essentially an authorization ticket for a particular iOS version.
- (1) CDMA network
 - (2) SHSH blob
 - (3) IMSI information
 - (4) None of the above

END OF EXAM

Chapter 4 – iDevice Repair Best Practices

Overview

Chapter four connects you to the larger computer technician community and makes you fully aware of the tips and tricks professionals use to guarantee a safe work environment.

Objectives

1. Ensuring iDevice is not covered under warranty
2. Workspace preparation and workspace documentation

Lesson 9063C Assignments

- Read Chapter 4
- Read Study Guide for Lesson 9063C
- If you have the resources available to you please complete the activities throughout the chapter for it will benefit your learning potential.
- Continue to the next chapter

Resources

www.ifixit.com

Chapter 5 – iPhone 3GS Disassembly and Reassembly

Overview

Chapter Five is a great place to begin your iDevice disassembly practice because 3GS hardware is inexpensive and the phones are relatively easy to take apart.

Objectives

1. iPhone 3 product line information/layout
2. Disassembly procedures

Lesson 9063C Assignments

- Read Chapter 5
- Read Study Guide for Lesson 9063C
- If you have the resources available to you please complete the activities throughout the chapter for it will benefit your learning potential.
- Submit exam and then continue to the next chapter

Resources

<https://www.ifixit.com/Device/iPhone>

iDevice Repair Lesson 9063C Examination

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1. The list of apps in the “How Do Warranty Repair Orders Work?” topic is comprehensive.
(1) True (2) False
2. Electrostatic discharge is not something that a technician ever has to worry about.
(1) True (2) False
3. Which of these scrubs the iDevice for log entries that could reveal jailbreaking apps?
(1) Call Statistics
(2) Thermal Statistics
(3) Usage Statistics
(4) Detailed Analysis
4. This is a globally unique identifier for SIM cards.
(1) UDID
(2) IMEI
(3) ICCID
(4) EMC
5. Industry best practice guidelines suggest you keep the humidity of your workshop between _____ and _____ percent to reduce ESD charge levels.
(1) 70, 90
(2) 90, 100
(3) 30, 50
(4) 80, 100
6. The spudger is the best tool for removing the ribbon cable connectors.
(1) True (2) False
7. _____ refers to the two white dots made of paper on the logic board EMI shield.
(1) CPU
(2) GPU
(3) LCI
(4) ZIF
8. You can install iOS 6 on the 1st generation iPad.
(1) True (2) False

9. The fourth step of the disassembly process has you hold the display at an angle of _____ from the rest of the unit.
- (1) 30°
 - (2) 60°
 - (3) 90°
 - (4) 45°
10. When using the heat gun during the disassembly process, you should use it on the _____ setting.
- (1) highest
 - (2) lowest
 - (3) middle
 - (4) None of these as it should not be used

END OF EXAM

Chapter 6 – iPhone 4S Disassembly and Reassembly

Overview

This chapter covers how easy it is and how enjoyable it can be to work on iPhones as, according to the author, “they represent the best Apple iDevices to repair, bar none.”

Objectives

1. iPhone 4 product line information/layout
2. Disassembly procedures

Lesson 9064C Assignments

- Read Chapter 6
- Read Study Guide for Lesson 9064C
- If you have the resources available to you please complete the activities throughout the chapter for it will benefit your learning potential.
- Continue to the next chapter

Resources

<https://www.ifixit.com/Device/iPhone>

Chapter 7 – iPhone 5 Disassembly and Reassembly

Overview

While this chapter continues the iPhone DIY topic, it also covers the fact that this model of iPhone is easier for the repair tech to disassemble and perform parts replacement.

Objectives

1. iPhone 5 product line information/layout
2. Disassembly procedures

Lesson 9064C Assignments

- Read Chapter 7
- Read Study Guide for Lesson 9604C
- If you have the resources available to you please complete the activities throughout the chapter for it will benefit your learning potential.
- Submit exam and then continue to the next chapter

Resources

<https://www.ifixit.com/Device/iPhone>

iDevice Repair Lesson 9064C Examination

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1. When reassembling the iDevice, this makes a good lubricant.
 - (1) Silicon oil
 - (2) Olive oil
 - (3) Windex
 - (4) Isopropyl alcohol

2. Aluminosilicate glass is 40 times stiffer and 60 times harder than plastic.
 - (1) True
 - (2) False

3. The iPhone 4 and the iPhone 4S are truly identical in this aspect.
 - (1) Weight
 - (2) Display
 - (3) Processor
 - (4) Carrier Speed

4. The author indicates that it should take _____ different screwdrivers to disassemble the iPhone 4/4S.
 - (1) Three
 - (2) Four
 - (3) Two
 - (4) Depends on the application

5. The ground clip is small, delicate and easy to lose.
 - (1) True
 - (2) False

6. The lightning connector assembly is modular in function and serviceability.
 - (1) True
 - (2) False

7. What is the name of the market research company that determined the iPhone 5 retails for \$199, which is the cost to Apple to produce it?
 - (1) Amazon
 - (2) iDevice
 - (3) iSuppli
 - (4) MSNBC

8. How many screws hold the lightning connector assembly in place?
 - (1) Three
 - (2) Four
 - (3) Six
 - (4) Seven

9. Apple and Samsung devices are supported by the same carrier.
 - (1) True
 - (2) False

10. The rear camera on both the iPhone 5 and the Galaxy S III has the same resolution.
 - (1) True
 - (2) False

END OF EXAM

Chapter 8 – iPad 2nd Generation Disassembly and Reassembly

Overview

Chapter Eight presents a full walkthrough on the iPad2. You will also learn how difficult it is to gain entry to this particular iDevice.

Objectives

1. iPad 2nd generation product line information/layout
2. Disassembly procedures

Lesson 9027C Assignments

- Read Chapter 8
- Read Study Guide for Lesson 9027C
- If you have the resources available to you please complete the activities throughout the chapter for it will benefit your learning potential.
- Continue to the next chapter

Resources

<https://www.ifixit.com/Device/iPad>

Chapter 9 – iPad 3rd and 4th Generation Disassembly and Reassembly

Overview

Chapter Nine covers the fact that screen replacement is not a task for the weak of heart. One should note that once the display is off, the remaining unit is fairly tech friendly for performing repairs and parts replacement.

Objectives

1. iPad 3rd and 4th generation product line information/layout
2. Disassembly procedures

Lesson 9028C Assignments

- Read Chapter 9
- Read Study Guide for Lesson 9028C
- If you have the resources available to you please complete the activities throughout the chapter for it will benefit your learning potential.
- Submit exam and then continue to the next chapter

Resources

<https://www.ifixit.com/Device/iPad>

iDevice Repair Lesson 9065C Examination

Please complete the following exam. You may use the electronic grading system for quicker response. Simply log on to www.study-electronics.com and enter your credentials. Once the exam has been submitted, your results will be returned within 72 hours. You may also e-mail your answers to faculty@cie-wc.edu, or fax them to us at 1-216-781-0331. If you have any questions, please contact the Instruction Department.

1. Which of these became discontinued with the advent of the next generation _____?
(1) 2nd generation
(2) 3rd generation
(3) Both of them
(4) Neither; both are still produced
2. The iPad 2 display is very easy to remove.
(1) True (2) False
3. iFixit.com is a resource for layouts and configuration information.
(1) True (2) False
4. Beginning with the iPad 2, this was the method Apple used to affix the front panel to the case.
(1) Screws
(2) Clips
(3) Adhesive
(4) ZIF sockets
5. The average viewing distance for the iPad is _____?
(1) 3 inches
(2) 36 inches
(3) 15 inches
(4) 10 inches
6. The only difference between the iPad 3rd generation Wi-Fi and the 4th generation Wi-Fi is the model number.
(1) True (2) False
7. The rear-facing camera is called _____ by Apple.
(1) iScan
(2) iSocket
(3) iSight
(4) iSeeYou

8. Which tool is utilized during the majority of the disassembly steps?
 - (1) iFixit guitar picks
 - (2) Screwdrivers
 - (3) Spudger
 - (4) All of them

9. Which has a better camera resolution?
 - (1) iPhone 5
 - (2) iPad 2
 - (3) iPad 4th generation
 - (4) All are the same in resolution quality

10. Which has the least quality video capability?
 - (1) iPhone 5
 - (2) iPad 2
 - (3) iPad 4th generation
 - (4) All are the same

END OF EXAM

Chapter 10 – iPad mini Disassembly and Reassembly

Overview

While this chapter presents how to disassemble and reassemble the smallest iPad model, it also points out two important facts. The first is that the interior of the iPad is laid out in a reasonably intelligent manner. The second is that the display is still difficult to remove, and once completed, you will find the parts are soldered to the logic board

Objectives

1. iPad mini product line information/layout
2. Disassembly procedures

Lesson 9066CC Assignments

- Read Chapter 10
- Read Study Guide for Lesson 9066C
- If you have the resources available to you please complete the activities throughout the chapter for it will benefit your learning potential.
- Continue to the next chapter

Resources

<https://www.ifixit.com/Device/iPad>

Chapter 11 – iPod touch 4th Generation Disassembly and Reassembly

Overview

This chapter provides “proof” that Apple has designed this product to be virtually unfriendly to any repair technician (including those at Apple).

Objectives

1. iPod touch 4th generation product line information/layout
2. Disassembly procedures

Lesson 9066C Assignments

- Read Chapter 11
- Read Study Guide for Lesson 9066C
- If you have the resources available to you please complete the activities throughout the chapter for it will benefit your learning potential
- Submit exam and continue to the next chapter.

Resources

<https://www.ifixit.com/Device/iPod>

iDevice Repair Lesson 9066C Examination

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1. The CPU in the iPad mini is the same as the _____?
 - (1) iPad
 - (2) iPad 2
 - (3) iPad 3rd generation
 - (4) iPad 4th generation

2. The iPad mini has stereo speakers.
 - (1) True
 - (2) False

3. How many screws secure the midplate?
 - (1) 4
 - (2) 8
 - (3) 12
 - (4) 16

4. When looking for benchmark tests to ensure device performance, there is only one place to trust.
 - (1) True
 - (2) False

5. The lightning connector on the iPad mini is replaceable on its own.
 - (1) True
 - (2) False

6. There are _____ screws securing the midplane on the iPod touch 4th generation.
 - (1) 4
 - (2) 8
 - (3) 12
 - (4) 16

7. Which corner should be used to lift the midplane?
 - (1) Upper right
 - (2) Lower right
 - (3) Lower left
 - (4) Upper left

8. DuPont produces the _____ tape.
 - (1) 3703 Tape
 - (2) Adhesive Sticker Tape
 - (3) 300LSE Low Surface Energy Acrylic Adhesive Transfer Tape
 - (4) Kapton Tape

9. The iPod touch is a “watered down” iPhone.
 - (1) True
 - (2) False

10. Apple considers the iPods to be _____.
 - (1) Disposable hardware
 - (2) Training wheels for the iPhone
 - (3) Time consuming
 - (4) The cat’s pajamas

END OF EXAM

Chapter 12 – iPod nano 5th and 7th Generation Disassembly and Reassembly

Overview

The new concept here is the task of disassembling the iPod nano is virtually impossible to do without doing more damage in the process. This seems to confirm the thought that Apple considers this device “disposable,” but the author attempts to prove this thought to be incorrect.

Objectives

1. iPod nano 5th and 7th generation product line information/layout
2. Disassembly procedures

Lesson 9067C Assignments

- Read Chapter 12
- Read Study Guide for Lesson 9067C
- If you have the resources available to you please complete the activities throughout the chapter for it will benefit your learning potential.
- Continue to the next chapter.

Resources

<https://www.ifixit.com/Device/iPod>

Chapter 13 – Sourcing iDevice Replacement Parts

Overview

The new concept here is where to find iDevice replacement parts that actually work as advertised. Since there is a wide variance in the quality of parts in the marketplace, this chapter can be very important to the technician.

Objectives

1. Understanding/finding sources of replacement parts
2. Why a good deal isn't necessarily so

Lesson 9067C Assignments

- Read Chapter 13
- Read Study Guide for Lesson 9067C
- If you have the resources available to you please complete the activities throughout the chapter for it will benefit your learning potential.
- Submit exam and continue to the next chapter.

Resources

<https://www.ifixit.com/Store/Parts>

iDevice Repair Lesson 9067C Examination

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1. The 5th generation iPod nano and the 7th generation iPod nano both use the lightning connector.
(1) True (2) False

2. Which has the greater storage capacity?
(1) 5th generation nano
(2) 7th generation nano
(3) Both
(4) Neither

3. The outer screws that hold the plates under the top cover/bottom bezel are _____.
(1) angled outward
(2) angled inward
(3) straight inserted
(4) only for show

4. The iPod nano was designed with repair in mind, especially for the DIY person.
(1) True (2) False

5. The iPod nano has the capability of going online.
(1) True (2) False

6. Caveat emptor means?
(1) Seize the day
(2) Time flies
(3) Buyer beware
(4) Abandon hope

7. If your supplier of parts states the part is OEM, you are guaranteed that it is.
(1) True (2) False

8. Which of these suppliers would be the most difficult to get parts from?
(1) Amazon
(2) iFixit
(3) Apple Global Supply Exchange
(4) Apple OEM Parts
(5) None of these should present a problem

9. A referral from _____ is an effective way of vetting a supplier.
- (1) friend
 - (2) fellow online buyer
 - (3) colleague
 - (4) All of the above
10. Which of these offers return or replacement policies?
- (1) Amazon
 - (2) iFixit
 - (3) eBay
 - (4) AppleOEMParts

END OF EXAM

Chapter 14 – Addressing Water Damage

Overview

The concepts here are the practical tips and trick for restoring an iDevice that has been introduced to some sort of liquid. The upside of this topic is in the fact that it could save you money at the Apple store.

Objectives

1. Problems that liquid introduction can cause
2. Procedures/processes for addressing these occurrences

Lesson 9068C Assignments

- Read Chapter 14
- Read Study Guide for Lesson 9068C
- If you have the resources available to you please complete the activities throughout the chapter for it will benefit your learning potential.
- Continue to the next chapter.

Resources

See chapter

Chapter 15 – Replacing the Front Display and/or Rear Case

Overview

This chapter shows you how to perform iDevice replacement of the display assembly and/or the rear case. You will find that this is the most often encountered repair of the iDevices.

Objectives

1. Front panel/display anatomy
2. Repair options/DIY strategies

Lesson 9068C Assignments

- Read Chapter 15
- Read Study Guide for Lesson 9068C
- If you have the resources available to you please complete the activities throughout the chapter for it will benefit your learning potential.
- Submit exam and continue to the next chapter.

Resources

<https://www.ifixit.com/Store/Parts>

iDevice Repair Lesson 9068C Examination

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1. If an iDevice gets wet, what should you do first?
 - (1) Shake it off
 - (2) Put it to sleep
 - (3) Turn it off
 - (4) Throw it away

2. All iDevices built after _____ contain LCIs.
 - (1) 2004
 - (2) 2006
 - (3) 2008
 - (4) 2010

3. LCIs turn white to indicate liquid contact.
 - (1) True
 - (2) False

4. All iDevice cases offer water resistance at least.
 - (1) True
 - (2) False

5. Which is the better desiccant?
 - (1) Silica gel packs
 - (2) Uncooked rice
 - (3) Both are good
 - (4) Neither as it should be cooked rice

6. In a fused front panel, this is the middle section.
 - (1) Glass
 - (2) Digitizer
 - (3) LCD
 - (4) Camera

7. Even in the separated front panels, the glass and digitizer are fused.
 - (1) True
 - (2) False

8. AppleCare+ allows for _____ free replacements.
 - (1) One
 - (2) Two
 - (3) Three
 - (4) Lifetime

9. iFixit includes pieces that might not be included if the part was purchased elsewhere.
(1) True (2) False
10. The most common iDevice repair issue is the battery.
(1) True (2) False

END OF EXAM

Chapter 16 – Replacing the Battery

Overview

The concept here demonstrates that batteries are limited in their lifetime operation. It also illustrates that the replacing of the battery is fairly straightforward, although some of this depends on the model of iDevice.

Objectives

1. Battery overview/operational practices
2. Replacing batteries

Lesson 9069CC Assignments

- Read Chapter 16
- Read Study Guide for Lesson 9069C
- If you have the resources available to you please complete the activities throughout the chapter for it will benefit your learning potential.
- Continue to the next chapter.

Resources

<https://www.ifixit.com/Store/Part>

Chapter 17 – Replacing the Logic Board and/or Dock Connector

Overview

This chapter teaches you about the logic board (the “brains” of any iDevice). It also gives you techniques for performing the action of parts swap-outs, which is the most fundamental function of technicians today.

Objectives

1. Logic board components/connectors
2. Logic board repair/tricks and tips

Lesson 9069C Assignments

- Read Chapter 17
- Read Study Guide for Lesson 9069C
- If you have the resources available to you please complete the activities throughout the chapter for it will benefit your learning potential.
- Submit exam and continue to the next chapter.

Resources

<https://www.ifixit.com/Store/Parts>

iDevice Repair Lesson 9069C Examination

Please complete the following exam. You may use the electronic grading system for quicker response. Simply log on to www.study-electronics.com and enter your credentials. Once the exam has been submitted, your results will be returned within 72 hours. You may also e-mail your answers to faculty@cie-wc.edu, or fax them to us at 1-216-781-0331. If you have any questions, please contact the Instruction Department.

1. This type of battery can be recharged.
 - (1) Primary
 - (2) Secondary
 - (3) Both
 - (4) Neither
2. Some iDevice battery replacements involve soldering skills.
 - (1) True
 - (2) False
3. If using an iDevice and only recharging the battery in partial cycles, how often does Apple recommend “exercising” your battery?
 - (1) Once per day
 - (2) Once per week
 - (3) Once per month
 - (4) Once per year
4. Li-ion batteries are not able to “explode.”
 - (1) True
 - (2) False
5. If desoldering/soldering a replacement battery is necessary, what wattage iron should you use?
 - (1) 35 watt
 - (2) 75 watt
 - (3) 50 watt
 - (4) 100 watt
6. The lightning connector operates at USB _____ speeds.
 - (1) 1.0
 - (2) 2.0
 - (3) 3.0
 - (4) All of them
7. Which of these iDevices has the dock connector separate from the logic board?
 - (1) iPod nano 7th generation
 - (2) iPad mini
 - (3) iPod touch 5th generation
 - (4) iPad 4th generation

8. In the iPod touch 5th generation the lightning connector, speaker, and Home button are connected into an individual assembly.
(1) True (2) False

9. Both the 30-pin Dock connector and the Lightning connector support audio and video.
(1) True (2) False

10. The 30-pin Dock connector is not reversible.
(1) True (2) False

END OF EXAM

Chapter 18 – Recovering Data from Your Broken iDevice

Overview

The concept here outlines the instructions for retrieving otherwise lost data from crashed, crushed, or damaged iDevices.

Objectives

1. Data recovery from iDevices
 - a. Live devices
 - b. Dead devices
2. Security files/procedures

Lesson 9070C Assignments

- Read Chapter 18
- Read Study Guide for Lesson 9070C
- If you have the resources available to you please complete the activities throughout the chapter for it will benefit your learning potential.
- Continue to the next chapter.

Resources

See chapter

Chapter 19 – Before You Sell, Donate, or Recycle Your iDevice

Overview

The concept here is the multiple ways of protecting your privacy when the decision has been made to pass along the iDevice to another person (including scrapping or donating).

Objectives

1. Ensure empty (like new) device before passing it on
2. Disposal and environmental concerns

Lesson 9070C Assignments

- Read Chapter 19
- Read Study Guide for Lesson 9070C
- If you have the resources available to you please complete the activities throughout the chapter for it will benefit your learning potential.
- Submit exam.

Resources

See chapter

iDevice Repair Lesson 9070C Examination

Please complete the following exam. You may use the electronic grading system for quicker response. Simply log on to www.study-electronics.com and enter your credentials. Once the exam has been submitted, your results will be returned within 72 hours. You may also e-mail your answers to faculty@cie-wc.edu, or fax them to us at 1-216-781-0331. If you have any questions, please contact the Instruction Department.

1. DFU and recovery mode are synonymous.
(1) True (2) False

2. By default, Apple presets a four-digit passcode to protect the iDevice from theft and data loss.
(1) True (2) False

3. Which of these is not stored automatically on iCloud?
(1) Purchased music
(2) Ringtones
(3) Call history
(4) App data

4. What type of file allows you to restore the iOS firmware?
(1) DFU
(2) iRestore
(3) iCloud
(4) iPSW

5. To restore iOS firmware images you need to have specific SHSH blobs available.
(1) True (2) False

6. What is the first thing you should do before erasing the contents of your iDevice?
(1) Call Apple
(2) Let your friends know
(3) Backup completely
(4) Just go for it

7. The file system used by iOS devices is
(1) NTFS
(2) FAT
(3) iOS 5
(4) HFSX

8. When you buy a used iDevice, it is always erased.
(1) True (2) False

9. An iDevice can always be traced through the use of Find My iPhone.
(1) True (2) False

10. This is the Microsoft protocol that enables mobile phones to synchronize content in a network.
- (1) Active Sync
 - (2) Active Directory
 - (3) Exchange Server
 - (4) Open Directory

END OF EXAM

