nexus S

Owner's Guide

Legal

Availability of Google applications, services, and features may vary by country, carrier, and manufacturer.

For more information about your Nexus S phone, visit http://www.nexusshelp.com.

Google™

Contents

Your phone and accessories

Your Google™ Nexus S™ phone comes with a number of accessories, including a headset, USB cable, and charger. For safety reasons, the battery is not shipped inside the phone, so you need to insert it and charge it fully before using your phone. This guide describes the parts of your phone, how to install and charge the battery, how to turn the phone on and off, and other useful information.

For more information about using the Android™ mobile technology platform that runs on your phone, including the basics of using it to place phone calls and how to use its applications to browse the web, read email, and so on, visit your carrier's support site and refer to the Android User's Guide, available from http://www.nexushelp.com.

In this section

What's in the box

Your Google™ Nexus S™ phone comes with the following accessories.

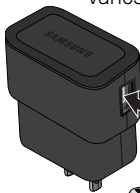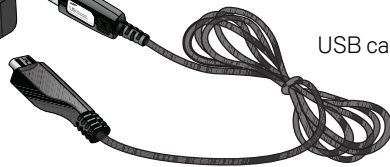Health & safety
and warranty
booklets

Battery

Nexus S phone

Charger and USB
data cable (plug
varies by country)

Headset

USB cable

If you purchased the phone with a contract with a GSM mobile carrier, a SIM card for
your carrier is included with the phone. See "Installing the battery, and SIM card" on
page 7 to learn how to insert or remove the battery, and SIM.

Getting to know your phone

Proximity &
light sensors
Earpiece
Front-facing
camera
Volume
button
Power
button
Touchscreen
Volume
Up/Down
button

5-megapixel camera
with autofocus
Camera flash
Speaker
Back cover

USB port
Microphone
3.5mm headset jack

Before you use the phone, insert the battery and charge it fully. (See "Installing the battery, and SIM card" on page 7 and "Charging your phone" on page 11.)

Other sections in this chapter describe the use and function of the headset, status light, turning the phone on and off, and more.

Your carrier's support site and the *Android User's Guide* (available from http://www.nexusshelp.com) describe how to place calls, and other basic features of the phone, including turning it on for the first time.

Be sure to keep the front and back camera lenses clean with lint-free cloth; smudges and fingerprints will distort your pictures. The back camera's LED flash is next to the lens. Taking pictures and shooting videos is described in the *Android User's Guide*.

Installing the battery, and SIM card

To install or replace the battery or SIM, you must remove the phone's back cover.

You must install the battery and insert a SIM before you can use the phone.

Open the phone's back cover

▶ Hold the device firmly and locate the cover release latch. The release latch has a small indentation, just large enough to insert a fingernail and is located above the camera lens. Place your fingernail in the opening and firmly lift the cover off the device.
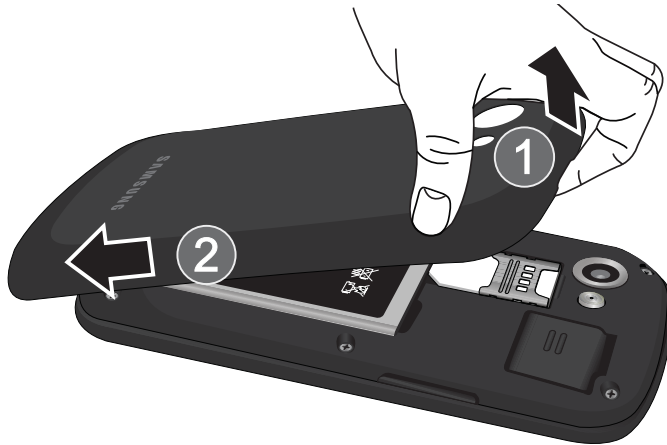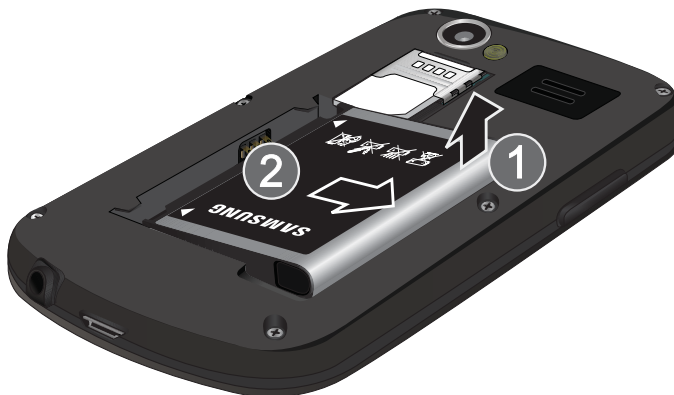
Replace the phone's back cover

▶ Place the cover on the back of the phone and push it down into place.
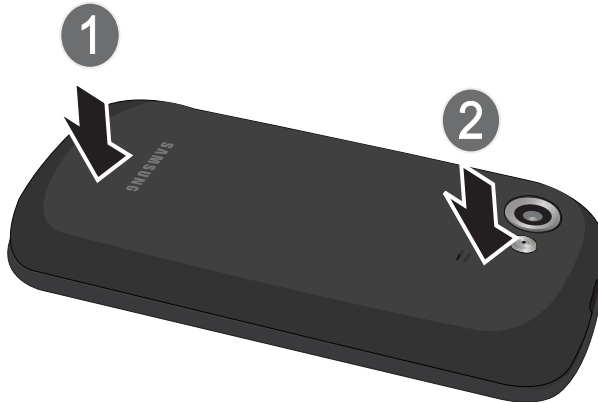
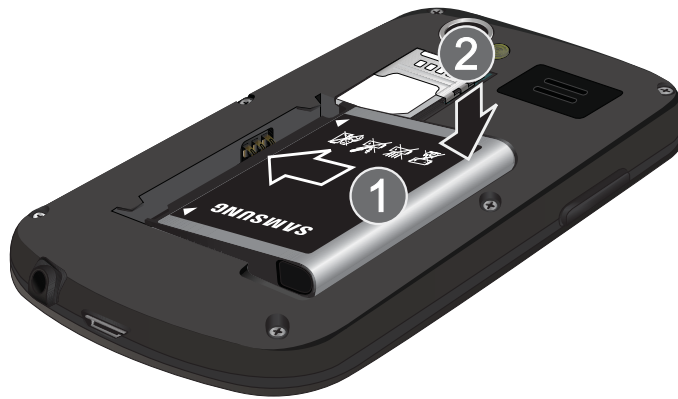## Remove or insert the battery

You must open the phone's back cover to remove or insert the battery.

1 Turn off the phone.

See "Turning the phone on and off" on page 13.

2 Lift out the battery by slipping your finger into the small opening next to the battery.

> ▶ Insert the battery by aligning the gold contacts on the phone and the battery and then gently pressing the battery into place.
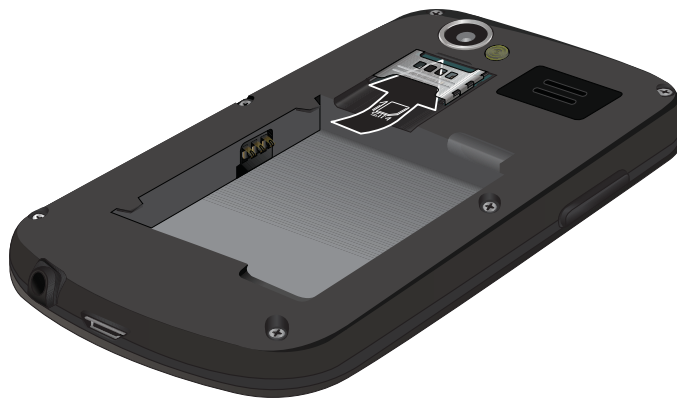
Remove or insert a SIM card

You must open the phone's back cover and remove the battery to remove or insert the SIM card.

▶ Remove the SIM card by sliding it out of its slot with the tip of your finger.
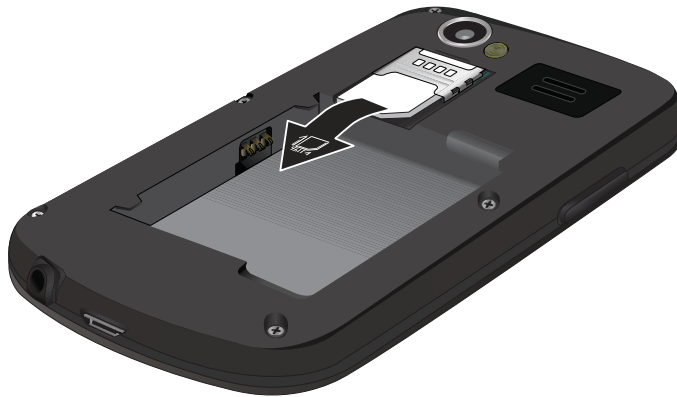
▶ Insert the SIM card by aligning it (notch to the lower right and gold contacts down) and then sliding it into its slot.

Charging your phone

Before you can use your phone, you must charge it fully.

The phone also charges when it is connected to a computer's USB port with the included USB cable. For information about connecting the phone to a computer, see the Android User's Guide.

Charge the phone

1 Plug one end of the charger into an AC outlet.

2 Plug one end of the USB cable into the supplied charger or into the USB port of your computer.

3 Plug the other end into the micro USB port on your phone.

Correct

Incorrect

When charging, the screen displays a battery charging status icon.

4 When the phone is fully charged, disconnect it from the charger.

Using the headset

The headset plugs into the phone's 3.5mm headset jack.
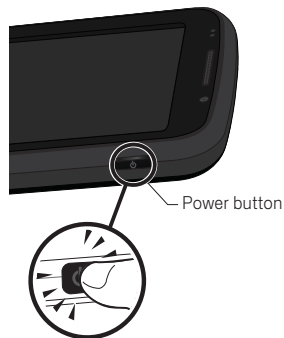
Headphones

Microphone

3.5mm headphone jack

You control the headphones' volume with the phone's **Volume Up/Down** button, and with the applications on your phone (as described in the *Android User's Guide* and in the documentation for your applications).

Turning the phone on and off

You use the power button to turn the phone on and off.

Power button

Turn on the phone

▶ Press the **Power** button for a few seconds, until the screen illuminates.

The first time you turn on the phone, you're welcomed to Android and prompted to sign into your Google Account. For more information, consult your carrier and the *Android User's Guide*.

When you turn on the phone, you may be prompted to enter a personal identification number (PIN) for your SIM card.

Unblock a SIM

If you enter the wrong SIM-unlock PIN three times, the SIM card is blocked and you can't use your phone except to dial an emergency number. You must obtain a PIN Unblocking Key (PUK) from your carrier to unblock the SIM and set a new PIN.

▶ Dial the following, replacing "PUK" with the PUK from your carrier and replacing both instances of "PIN" with a 4- to 8-digit PIN of your choosing:

**05*PUK*PIN*PIN#

Turn off the phone

1   Press & hold the **Power** button until a menu opens.

2   Touch **Power off** in the menu.

3   Touch **OK** when asked to confirm that you want to turn off the phone.

For more about working with the touchscreen and menus, see the *Android User's Guide*.

Specifications

The Nexus S phone features the following specifications. For the location of many of the features in this table, see the diagrams in "Your phone and accessories" on page 4.

The version of the Android mobile technology platform installed on your phone may add or change some of your phone's capabilities. For more information, consult your carrier and the resources at http://www.nexusshelp.com, including the *Android User's Guide*.

Connectivity	Quad-band GSM: 850, 900, 1800, 1900 Tri-band HSPA: 900, 1700, 2100 HSPA type: HSDPA (7.2Mbps), HSUPA (5.76Mbps) Wi-Fi: 802.11 n/b/g Bluetooth 2.1+EDR Near Field Communication (NFC) Assisted GPS (A-GPS) microUSB 2.0
Display	4.0" WVGA (480x800) Curved glass screen Super AMOLED 235 ppi Capacitive touch sensor Anti-fingerprint display coating
Size & weight	Height: 123.9mm Width: 63mm Depth: 10.88mm Weight: 129g

Hardware	Physical buttons: **Power** button, **Volume Up / Down** button Illuminated soft buttons: **Back** ⬑, **Menu** ☰, **Search** 🔍 **Home** ⌂, Haptic feedback (vibration) Three-axis gyroscope Accelerometer Digital compass Proximity sensor Light sensor
Processor & memory	1GHz Cortex A8 (Hummingbird) 16GB iNAND flash memory
Audio	3.5mm, 4-conductor headset jack (stereo audio plus microphone) Earpiece Microphone Software noise-cancellation

Cameras	Back:
	   5 megapixels (2560x1920)
	   720x480 video resolution
	   H.264, H.263, MPEG4 video encoding
	   Auto focus
	   Flash
	Front:
	   VGA (640x480)

Battery	Removable 1500mAh Li-ion battery Talk time up 6.5 hours Standby time up to 18.75 days (450 hours)