

V O L V O

A Concise Guide to Your New Model Year 2023 Volvo

With Google built-in and more

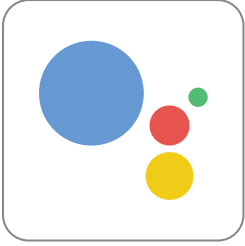


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Key Google Services



Google Assistant

Allows driver to control in-car functions and much more by voice.



Google Maps

Helps keep drivers up to date with real-time data, alternative routes and charging stations.



Google Play

Allows drivers to easily download apps and have them appear within the car center touchscreen.

An Active Google Account Will Enable Access to Key Features

Signing into your own Google account provides a personalized experience, such as directions to work or home, saved Google Maps destinations, and Google Map search history. This makes trip planning very easy. The system will still function without being signed in with Google.

We recommend you set up a Google account, if you don't already have one. You can do that [here](#).

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Interacting with the Infotainment System with Google built-in

Interacting with the new Infotainment system is easy and as familiar as using your smartphone

- Google Assistant supports natural speech. Simply say “Hey Google” or “OK Google” and state your command – anything from navigation to most things that can be answered by the internet.
- Google can also control some in-car features, such as climate settings, heated seats and steering wheel.
- Our new navigation system, **Google Maps**, is based on the Google Maps app for smartphones, now adapted for in-car usage. Maps are always up to date and cached in the car while driving. The route to your destination is pre-cached in case of limited connectivity, and the system will assist you with Real Time Traffic Information, automatic rerouting, and voice control. When logged in with your Google account, saved favorites such as home, work, and recent destinations are shared between smartphone and car.

Driver Profile Setup

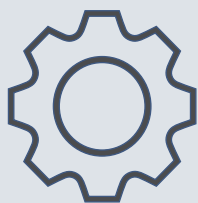
Completing the Driver Profile is the first step in customizing the car settings to set you up for a more intuitive driving experience. We recommend each driver create their own profile in the car.

Before you can set up Driver Profiles, you will need both your Volvo ID and your Google account login.

If you don't yet have a Volvo ID, your Volvo Retailer Sales Consultant can help you to create it, or you can do it yourself by downloading the Volvo Cars app with which you can create a Volvo ID login and password. You also can do it by clicking [here](#) and following the steps.

1. Link Volvo ID

A



On the center display, click on **Settings** (the trackwheel at the bottom right corner of the screen).

B

Profiles
Accounts, privacy



Once in Settings, select **Profiles**.

C

Complete Profile Setup




Once in Profiles, select **Complete Profile Setup**.

D

Follow prompts to set up Volvo ID and complete step one.

Driver Profile Setup (continued)

2. Pair Phone

A		Make sure to have your mobile device with you in the car and ensure that Bluetooth is enabled.
B	<div><div>Next</div><div></div><div>Pair phone</div></div>	The Pair Phone screen should appear on the center display; select Next .
C	<div><div>Available devices</div><div> iPhone</div></div>	Available devices will appear. Select your device on the center display.
D	<p>Make sure the code displayed in the vehicle matches the one displayed on your phone and confirm.</p> <p>Once pairing is completed, go to the phone's Bluetooth settings*</p> <ul style="list-style-type: none">• Press (i) by your car's model name• Enable Show Notifications and Sync Contacts for access to text messages and phone contacts in the car.	

*iPhone user only, no action needed for Android users.

Driver Profile Setup (continued)

3. Google Sign-In

A


Accept

Automatic software download
Keep your vehicle up to date.

On the center display, accept automatic software download to enable over the air updates.

B

Accept



Google Services

Review and accept Google terms and conditions.

C

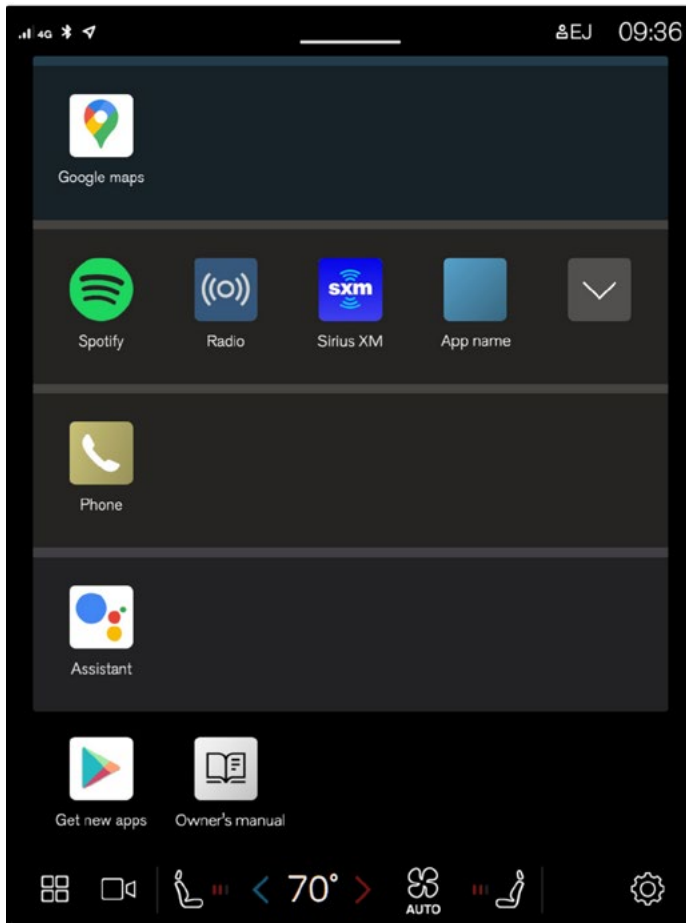
Follow prompts to sign in and view tutorials, turn on personal results and select Google Play apps, then your profile is complete!

A short tutorial on Google Assistant is available [here](#), and you are able to turn on personal results for access to your calendar and contacts.

A short tutorial on Drive Profile Setup is available [here](#).

Google Assistant, Google Play and Google Maps are trademarks of Google LLC.

Basic Navigation: Center Display



Home View

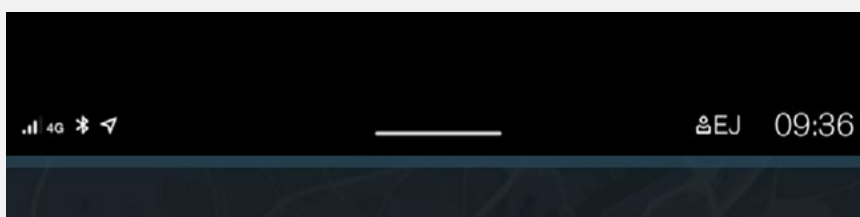
Home view is displayed when the screen is activated. It consists of four tiles.

You can choose which apps will be shown in Home view tiles. An app that is selected from App view starts in the respective tile in Home view.

The tiles are dynamic and show the last-used apps, such as navigation, media, phone, etc. Tap an app to expand it or swipe from the left in the tile to view additional apps.

Note, when the vehicle is moving:

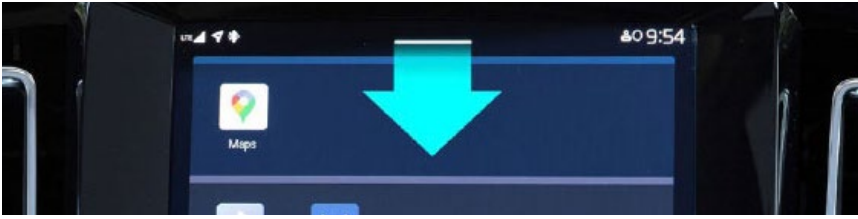
- Certain applications (e.g. the Owner's Manual) may be deactivated.
- Certain messages (e.g. those generated by apps) will be shortened.



Status Bar

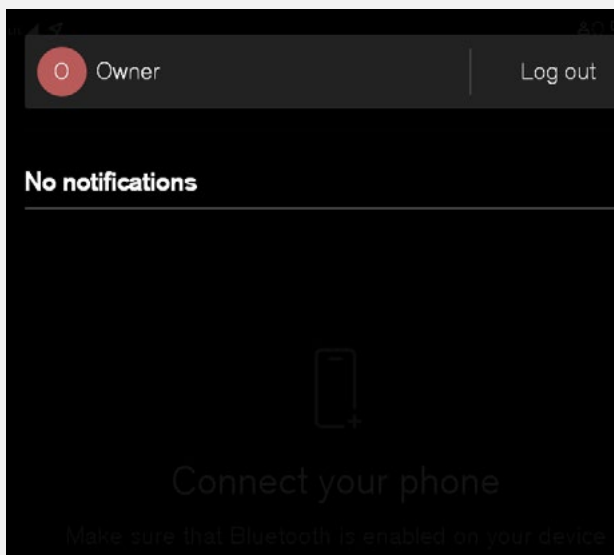
Current vehicle activities are shown at the top of the screen in the status bar: information such as active user profile, network and Bluetooth connection status, and the clock.

Basic Navigation: Center Display (continued)



Notifications View

Pull the tab down to access Notifications view, which shows missed calls, vehicle information, and provides access to User Profiles. To leave, tap outside of Notifications, press the Home button, or swipe upwards.

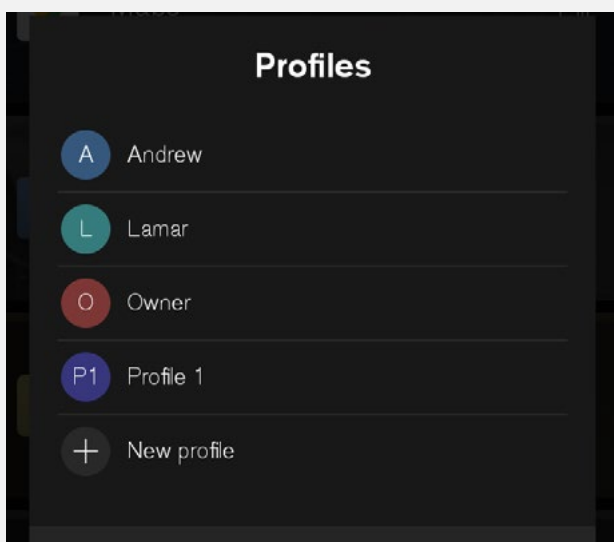


User Profiles

To access User Profiles, swipe down on the Home Screen to reach **notifications**.

Select (tap) the profile in use (upper left corner).

Only the profile that is signed-in will appear. A new car will default to the name "Owner" as the primary and only profile.



On the **Profiles** screen you can update or delete an existing profile, or add a new one.

Many driver personal preference settings can be saved in different user profiles, including screens, mirrors, front seat, navigation, audio and media system, language and voice control.

Basic Navigation: Center Display (continued)

**Climate View**

Buttons for App view, Camera view, Settings view, and the most common climate settings are at the bottom of the center display. Tap the blue or red arrow to adjust the temperature when left and right side temperature is synchronized. Tap the temperature button to open Climate view and additional settings options. Tap the Home button to close Climate view.

**App View**

App view provides access to the vehicle's preinstalled and downloaded apps. From App view, you can download and install additional apps and access the Owner's Manual. Tap an app to open it in full-screen mode.

**Camera View**

Camera view starts automatically when gear selector position R is used. It shows the Park Assist Cameras, and separate views for each of the four cameras: rear, front, left and right.

Camera view closes automatically when the vehicle reaches a certain speed or can be closed manually by tapping or the Home button.

**Settings View**


Selecting Settings view allows you to make changes that include system units of measurement, system language, door lock and unlock settings, and resetting user data.

Pairing Your Car with the Volvo Cars App

The Volvo Cars app pairing process is completed in the car. Please make sure you are signed into your driver profile in the car and have all car keys with you. Don't have a driver profile yet? Please follow the instructions on page 5.

1. Download the Volvo Cars app and Sign In

A



Download the Volvo Cars app by visiting the appropriate app store. Available for iOS 8 or higher and Android 4.0 or higher.

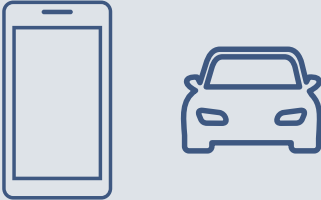
B

Sign In

Create Volvo ID

Next, create your Volvo ID. If you already created your Volvo ID, go directly to **Sign In**.

C



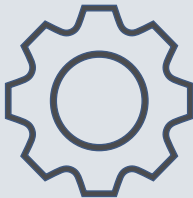
Position your Volvo in an open area with network coverage to both your phone and your car. You are now ready to pair the app to the car.

Pairing Your Car with the Volvo Cars app (continued)

The Volvo Cars app pairing process is completed in the vehicle.

2. Within Car: Share Car Data

A



On the center display, click on **Settings** (the trackwheel at the bottom right corner of the screen).

B

Profiles

Accounts, privacy

>

Once in Settings, select **Profiles**.

C

Privacy

Volvo privacy settings

Select **Volvo Privacy Settings**.

D

Privacy Settings

Volvo Cars app

On

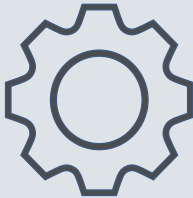
Select **Volvo Cars app** and make sure it is turned **On**.

Pairing Your Car with the Volvo Cars app (continued)

The Volvo Cars app pairing process is completed in the vehicle.

3. Within Car: Pairing app Part 1

A



On the center display, click on **Settings** (the trackwheel at the bottom right corner of the screen).

B

Profiles

Accounts, privacy

>

Once in Settings, select **Profiles**.

C


Profile Details

Volvo On Call devices

Select **Volvo On Call devices**.

D

< Volvo on Call devices



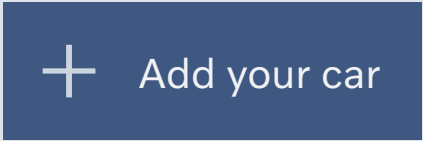
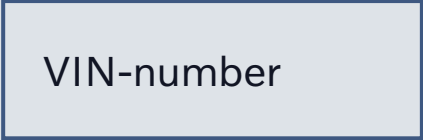

Pair phone

Click **Pair phone**.

Pairing Your Car with the Volvo Cars app (continued)

The Volvo Cars app pairing process is completed in the vehicle.

4. Within Car: Pairing App Part 2

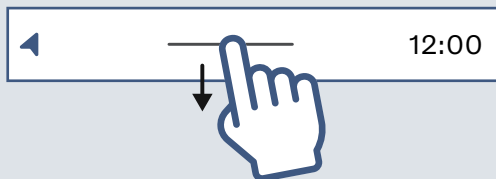
A		Open app while sitting in your vehicle. If you are new to the Volvo Cars app, press Add your car .
B		Enter the full VIN found on the center display into the mobile app. Follow the steps on the screen to complete pairing.
C		Press Next on the center touch-screen. Verify the numbers on screen match the numbers in the Volvo Cars app. Pairing complete.

A short tutorial on Volvo Cars app pairing is available [here](#).

Adding, Changing, and Deleting Profiles in the Car

To add, change or delete a Driver Profile, please follow the steps below.

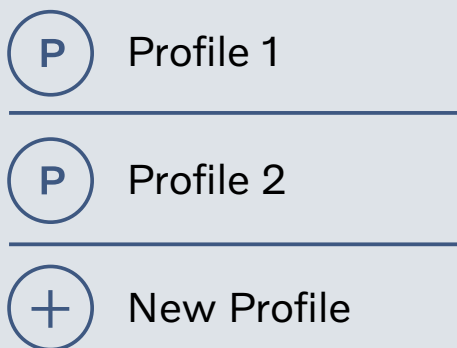
Access Profiles & Change

A

To start, **swipe down** on the line that is located at the top of the car's center display.

B

Select the profile in use. The only profile that is signed in will appear. A new car will default to the name "Owner" as the primary and only profile.

C

Now you are in the list of profiles. To change between profiles, simply select the profile you would like to use.

Adding, Changing, and Deleting Profiles in the Car (continued)

Add Profile

C

P

Profile 1

P

Profile 2

+

New Profile

Once in List of profiles, select **New Profile**.

C

Next


Welcome to Volvo

Choose language
English (United States) >

Press **Next** to default to English.

C

Next



Set up Volvo ID

Press **Next** to link your Volvo ID and follow prompts.

Adding, Changing, and Deleting Profiles in the Car (continued)

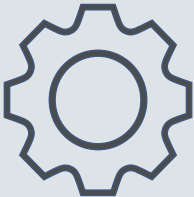
Delete Profile

A

Log into the profile you want to delete.

By deleting a profile, all settings associated with that profile will be deleted.

B



On the center display, click on **Settings** (the trackwheel at the bottom right corner of the screen).

C

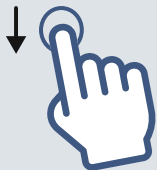
Profiles

Accounts, privacy

>

Once in Settings, select **Profiles**.

D



Delete this profile

Scroll all the way down and click **Delete this profile**. Then click **Confirm**.

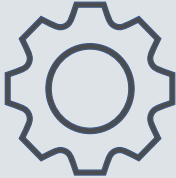
Pairing and Deleting Keys

Pairing your key fob into your driver profile will ensure that your personal settings for seat, climate, audio, and navigation will automatically adjust each time you enter the car with the paired fob.

Follow these easy steps on the center touchscreen to pair or remove a key fob in your profile.

Access Profiles

A



Make sure you're logged into the profile you want to disconnect the key from. On the center display, click on **Settings**.

B

Profiles

Accounts, privacy

>

Once in Settings, select **Profiles**.

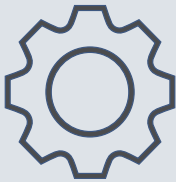
PAIR Key	OR	REMOVE Key
<div><div>C</div><div><div>Profile Details</div><div>Connect Key to Profile ></div><div>Select Connect Key to Profile. If you have more than one key, place the key you would like to connect with your profile in the front cupholder. The key with you in the vehicle will pair to the Profile, and the name will be shown on screen.</div></div></div>		<div><div>C</div><div><div>Profile Details</div><div>Connect Key to Profile ></div><div>Select Connected Key</div></div></div>
<div><div>D</div><div><div>Profile Details</div><div>Connect Key<div>Key 1</div></div><div>See the key's name on the screen; pairing is completed.</div></div></div>		<div><div>D</div><div><div>Disconnect key from profile</div><div><div>No</div><div>Yes</div></div><div>A pop-up will appear asking you to disconnect key from profile. Confirm Yes.</div></div></div>

Screen Lock

With your Driver Profile set up, you can easily lock the screen when someone outside your household will be driving your car (e.g. a valet). This protects your personal information, past destinations, and apps.

Access Screen Lock

A



On the center display, click on **Settings** (the trackwheel at the bottom right corner of the screen).

B

Profiles

Accounts, privacy

>

Once in Settings, select **Profiles**.

C

Profile Details

Screen Lock

>

Select **Screen Lock**. Continue to steps below to either **Activate** or **Remove** a screen lock.

PAIR Key	OR	REMOVE Key
<div><div>D</div><div><div>< Choose a lock type</div><div>Pattern ></div><div>PIN ></div><div>Select the type of screen lock you prefer, PIN or Pattern. Enter your PIN or Pattern and Confirm.</div></div></div>		<div><div>D</div><div><div>< Choose a lock type</div><div>None ></div><div>Enter your PIN or Pattern to unlock. Select None to disable screen lock.</div></div></div>



Hands-Free, Foot-Activated Tailgate

Both hands full? You can open or close the tailgate with a single foot kick movement under the rear bumper.

Pro tip: Aim for the center left parking sensor or the first “V” of the “Volvo” lettering for best results.

The ‘kick’ should be smooth during the inward and outward motion – no waving or holding your foot in place as this won’t activate the sensor to open /close the tailgate.

Immediately after the kick, take a step back to ensure that the tailgate will open or close.

A short tutorial on the foot-activated tailgate is available [here](#).



Charging a Recharge Plug-In Hybrid

Recharge Plug-In Hybrid

Volvo Twin Engine Plug-in Hybrid vehicles feature the “Three Layer” 18.8 kWh high-voltage battery. That means you can do longer fully electric journeys with zero tailpipe emissions on a single charge.

The Charging Cable

The standard dual-voltage (110V & 220V) charging cable has two connectors – one side plugs into the vehicle using an industry-standard J1772 connector. The other connector has a special adaptor that allows it to plug into either a 110V or a 220V wall outlet.

Using a 110V outlet, you can expect to charge the battery in 10 to 15 hours.

Using a 220V outlet or a commercial charging station, you can charge the battery in 5 to 8 hours.

Two-Step Regenerative Braking System

The regenerative braking system recovers and transmits energy back into the high-voltage battery, either to recharge it or for immediate use.

You can press the “Hold” button on the center display to keep the current battery charge for later use, or the “Charge” button for the gasoline engine to charge the battery up to 90 percent.



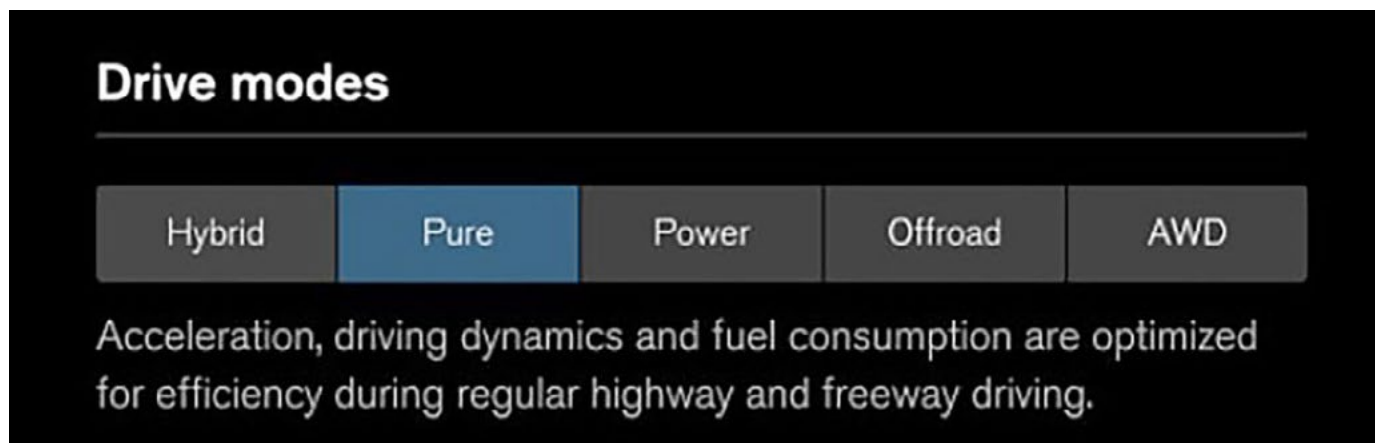
One-Pedal Drive



In Recharge Plug-In Hybrid vehicles, one pedal drive gives you intuitive, seamless control of the car's acceleration and braking just by using the accelerator pedal. Press the pedal for instant acceleration, and release it to instantly reduce speed or to brake the car to standstill (on Recharge with Google built-in). This adds to more relaxed driving, more fun, and an enhanced feeling of control – especially in stop-and-go city traffic. Brake energy regeneration also adds to a longer range – every time you release the pedal, electric energy is generated and fed back to the car's battery. The level of regenerative brake force

is determined by moving the shifter between “D” mode and “B” mode. In “B” mode the car has a high level of brake energy regeneration, and it activates one pedal drive. One pedal drive can also be controlled via Google Assistant. In “D” mode one pedal drive is turned off, and it provides a lower level of energy regeneration. When driving in one pedal drive you can activate “Creep” mode – “Creep On” to allow you to continue driving at low speeds without the car coming to a complete stop, such as in precision parking situations. “Creep” mode can easily be turned on or off via the settings menu in the center display or simply by using a voice command with the help of Google Assistant: “Hey Google, turn on/off creep mode.”

Recharge Plug-In Hybrid Drive Modes



The drive mode settings in our Plug-In Hybrid are different from those in our gasoline engine cars. The drive mode settings allow the driver to choose different settings for the engine via the center display.

Hybrid Mode (Default) utilizes the electric motor and gasoline engine, either individually or in parallel. Their operation is optimized for performance, fuel consumption, and comfort. The engine and automatic gearbox are programmed for maximum comfort. This is the default mode when the engine is started.

Pure Electric Mode prioritizes electric operation and low energy consumption. It helps to maximize driving on the hybrid battery. The dynamic performance is reduced, and air-conditioning is partly disengaged but can be activated manually. This mode sets a maximum speed of 87 mph using only electric propulsion. (When Hybrid Mode is active, the car's maximum speed is 78 mph on electric propulsion only.)

Power Mode combines the gasoline engine and the electric motor to ensure the strongest performance, sporty characteristics, and quick response.

Launching from a stop, this mode takes advantage of the electric motor's instant maximum torque while the combustion engine gets up to speed.

eAWD (All-Wheel Drive) Mode provides constant all-wheel drive on demand. Used primarily at low speeds and in slippery conditions, it activates all-wheel drive to improve traction. You can select this mode when needed, or choose to save energy for later. There is always enough power to use AWD mode, even when the battery is depleted.

Off-Road Mode (XC90 & XC60 only) can be set at speeds below approximately 12 mph to maximize traction and control on poor roads. Above 25 mph Off-Road mode is disconnected and will not be connected automatically again, even if speed is reduced. In this mode, Hill Descent Control is automatically activated, steering is set to comfort mode, the Electronic Stability Control is set to Traction/Sport, and the Stop/Start function is deactivated.

V O L V O

