

Accelerator pedal

You can accelerate the vehicle using the accelerator pedal.

Maximum acceleration

If you press the accelerator pedal all the way down, the motor's full power will be used and you will reach maximum acceleration, also called "kick-down".

WARNING

The driving wheels could spin and the vehicle could swerve on slick or slippery road surfaces when using kick-down, which increases the risk of an accident.

Launch Control

Applies to: vehicles with Launch Control

Launch Control provides the best possible acceleration when starting from a stop.

Requirements

- The high-voltage battery is at operating temperature.
- The charge level of the high-voltage battery is sufficient (more than approximately 35% charged).
- The steering wheel must not be turned.
- Audi drive select* **dynamic** mode is selected ⇒ *page 99*.

Using Launch Control

- Press the brake pedal with your left foot and hold it all the way down for at least one second.
- With the brake pedal pressed, press the accelerator pedal all the way down with your right foot at the same time.
- Once the display in the power meter actively flashes, remove your foot from the brake pedal.

WARNING

Only use Launch Control when road and traffic conditions allow it and other road users will not be endangered or impacted by your driving and the vehicle's acceleration. The driving wheels could spin and the vehicle could

swerve, especially on slick or slippery road surfaces, which increases the risk of an accident.

Note

When accelerating using Launch Control, all vehicle components are subject to heavy loads. This can result in increased wear.

Tips

After accelerating using the Launch Control, the temperature of some vehicle components may increase greatly. If that happens, the function will not be available for a few minutes to reduce the risk of damage. After a cool-down period, Launch Control will be available again.

Messages

The following messages may appear depending on the vehicle equipment:

Transmission: malfunction! Safely stop vehicle

Do not continue driving. Stop the vehicle as soon as possible in a safe location and secure it so it does not roll ⇒ *page 89*. See an authorized Audi dealer or authorized Audi Service Facility for assistance.

Transmission: too hot. Please stop vehicle

Do not continue driving. Secure the vehicle against rolling ⇒ *page 89*. See an authorized Audi dealer or authorized Audi Service Facility for assistance.

Transmission: too hot. Please adapt driving style

The transmission temperature has increased significantly. Drive very cautiously or take a break from driving until the temperature returns to the normal range and the indicator light turns off.

Transmission: malfunction! You can continue driving. See owner's manual

There is a system malfunction in the transmission. You may continue driving. Drive to an

authorized Audi dealer or authorized Audi Service Facility soon to have the malfunction corrected.

ⓘ Selector lever: malfunction! You can continue driving. Please contact Service

There is a system malfunction in the selector lever. Drive immediately to an authorized Audi dealer or authorized Audi Service Facility to have the malfunction repaired.

ⓘ Danger of rolling away! P not possible. Please apply parking brake

The parking lock can no longer be engaged. Drive to an authorized Audi dealer or authorized Audi Service Facility immediately to have the malfunction corrected. Secure the vehicle against rolling before exiting the vehicle ⇒ *page 89*.

Drive system

Breaking in

A new vehicle must be broken in within the first 2,000 miles (3,000 km) so that all moving parts work smoothly together, which helps to increase the service life of the drive system components. The energy use may be higher during this time.

Drive for longer stretches whenever possible during the break-in period, and use a moderate driving style.

Electric drive system

Vehicles with an electric drive system are powered by an electric motor. The drive power depends on the temperature and the charge level of the high-voltage battery.

Recuperation

The vehicle is able to recover energy by using “recuperation”. The electric drive system operates like a generator and converts a large portion of kinetic energy into electrical energy that is stored in the high-voltage battery. The vehicle is braked during recuperation, which is similar to the engine braking effect on a vehicle with a combustion engine. This will happen automatically if you press the brake pedal while driving in the “D” se-

lector lever position, or if you remove your foot from the accelerator pedal.

When you press the brake pedal, recuperation is used to brake the vehicle. The brakes will only be activated if necessary. When driving normally, this makes it possible to brake using only recuperation just before coming to stop and to lose little energy and range from braking.

Setting options

You can set how strongly the vehicle should be braked by recuperation while coasting.

- ▶ Applies to: MMI: Select on the home screen: **VEHICLE > Charging & Efficiency > Efficiency assist > Recuperation**.

Automatic: the recuperation braking effect is adjusted proactively*, for example to the route or vehicles driving ahead.

Manual: the recuperation braking effect is controlled manually. You can select a recuperation level using the shift paddles.

Settings using the shift paddles:

- ▶ Select **⊖** for a stronger braking effect.
- ▶ Select **⊕** for a weaker braking effect.

⚠ WARNING

In certain situations, the recuperation may brake proactively. However, the recuperation braking effect is limited. Always be ready to brake to reduce the risk of an accident.

ⓘ Tips

If the ESC is limited or switched off, automatic recuperation is not available and will not brake.

Range monitor

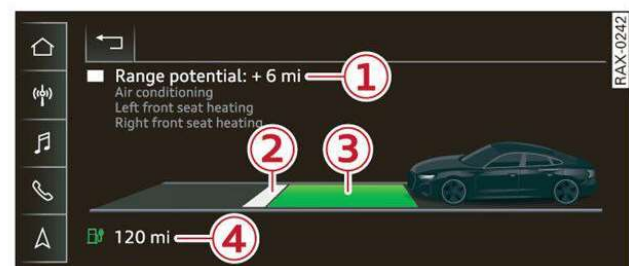


Fig. 71 Range monitor