

Motor Sound : Normal, Off-Road, Terrain

For a more detailed description of each selectable option, refer to “Drive Mode Customization” later in this section.

Watts to Freedom : Watts to Freedom provides maximum straight-line acceleration of the vehicle. Engaging Watts to Freedom will override and exit the current mode the vehicle is using.

For a more detailed description of Watts to Freedom, refer to *Acceleration Mode (Watts to Freedom)* ⇨ 196.

Drive Mode Customization

The vehicle is equipped to modify the following settings based on vehicle content. Through the center radio display, under “Vehicle Settings”, select “Drive Mode Customization” to customize and personalize My Mode. These settings will be retained over each on/off cycle, and do not have to be reset each time the vehicle is started.

Motor Sound : Customize how the vehicle sounds when accelerating. The electric motor will remain quiet outside but the sound heard inside will change as vehicle is driven faster or slower.

Steering : Choose how responsive you want the steering to feel. You can set the steering wheel to provide more feedback, which requires more steering effort.

Suspension : Choose how responsive you want the suspension to feel. You can make the suspension stiffer or more comfortable.

Acceleration : Choose how responsive you want the acceleration to feel. You can adjust the accelerator pedal to provide increased power.

Four-Wheel Steering (Including CrabWalk)

This vehicle is equipped with four-wheel steering. This feature steers the vehicle with all four wheels, which reduces the vehicle turn diameter and improves maneuverability of the vehicle.

The four-wheel steering feature has three modes: Automatic, CrabWalk, and Off.

Automatic Mode : The default mode at vehicle start up. It is recommended to stay in Automatic Mode for everyday driving at all times, and during all weather conditions. The Automatic Mode can be selected at any time.

If the Automatic Mode is selected when the vehicle is in the process of turning, the mode will not engage until the turn is complete.

CrabWalk Mode : Allows the driver to turn the rear wheels at the same angle as the front wheels enabling the vehicle to move diagonally.

Off Mode : Disengages the four-wheel steering feature. The vehicle will be steered with the front wheels and the rear wheels will be in the forward position.

At slower speeds the front and rear wheels will turn in opposite directions (except in the CrabWalk Mode). This helps the vehicle make tighter turns, such as during parking, cornering and turning into tight spaces. At higher speeds the front and rear wheels will turn in the same direction. This improves stability of the vehicle during lane changes and wide turns

When the vehicle is shut-off, the rear steering angle will automatically return to the forward position.

When the vehicle is stationary, the full 10 degrees of rear steering angle may not be available until the vehicle begins to move.

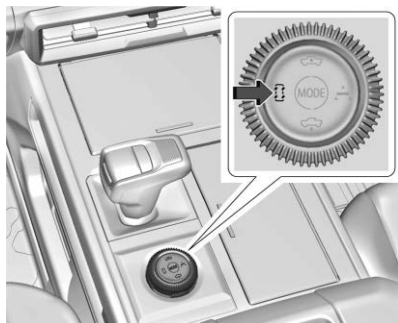
200 Driving and Operating

Four-wheel steering is not operational when Super Cruise is active. See *Super Cruise* ⇨ 215.

Maximum vehicle speed may be limited if the four-wheel steering system becomes inoperable.

When towing a trailer the four-wheel steering provides enhanced stability allowing the trailer to follow the path of the tow vehicle more closely, especially during lane changes. See *General Towing Information* ⇨ 266 for more information on towing a trailer.

Driver Notification



The four-wheel steering button is on the Driver Mode Control rotary switch on the center console behind the shift lever.

If CrabWalk Mode or Off Mode is activated, an icon on the Driver Information Center (DIC) will turn on and stay on. If the Automatic Mode is activated, no icon will display.

The following icons will display depending on the mode activated:



CrabWalk Mode



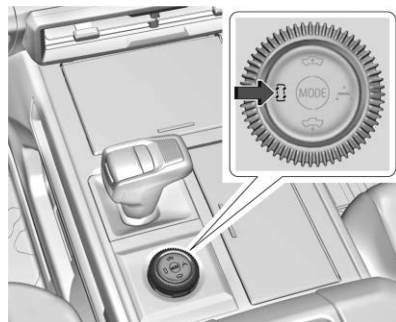
Off Mode

The following three second pop-up messages will display on the DIC when the four-wheel steering mode changes:

- Rear Wheel Steering – AUTO
- Rear Wheel Steering – CRABWALK
- Rear Wheel Steering – OFF

How to Enter Automatic Mode

- Automatic Mode is the default four-wheel steering mode at vehicle key-up.



- Tap the four-wheel steering button while in Off Mode or CrabWalk Mode to return to the Automatic Mode.

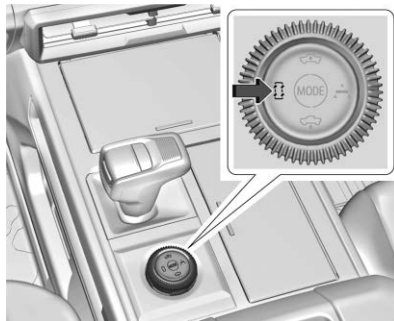
Steering Behavior in Automatic Mode

- Four-wheel steering is based on front steering angle.
 - At lower vehicle speeds less than 32 km/h (20 mph) the rear wheels steer opposite of the front wheels to improve turning radius.
 - At higher vehicle speed more than 32 km/h (20 mph) the rear wheels steer in same direction as the front wheels to improve handling stability.

- The exact relationship of front to rear angle is dependent on the currently selected Driver Mode Control Mode.

How to Enter CrabWalk Mode

- The following vehicle conditions must be true to enter CrabWalk Mode:
 - Vehicle speed less than 2 km/h (1.2 mph)
 - The vehicle is in P (Park) or N (Neutral)
 - Steering wheel not in motion
 - CrabWalk Mode can not be engaged while Super Cruise is active



- Press and hold the four-wheel steering button continuously for four seconds while in Off Mode or Automatic Mode.

- The CrabWalk icon will begin flashing after the four-wheel steering button is held continuously for one second indicating that CrabWalk Mode engagement is now in process.
- Animation in the center stack will indicate when the switch can be released, which will then activate CrabWalk Mode.
- If button is held continuously for more than 10 seconds, CrabWalk Mode will NOT activate.

How to Exit CrabWalk Mode

1. The steering wheel must be center and not in motion when exiting CrabWalk Mode.
2. Tap the four-wheel steering button to exit back to the Automatic Mode.

If the vehicle speed reaches higher than about 40 kph (25 mph) for more than 10 seconds, the vehicle will automatically exit CrabWalk mode and turn on Automatic mode.

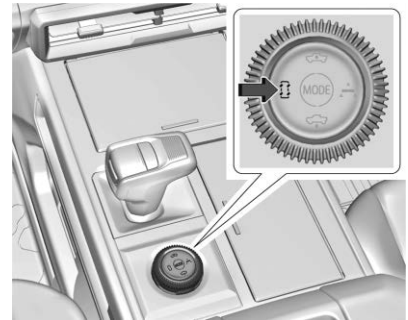
CrabWalk Mode Steering Behavior

- Rear wheels steer in the same direction as front wheels at lower vehicle speeds less than 32 km/h (20 mph).

- Maximum rear steering angle in CrabWalk Mode is 10 degrees (equivalent to front steering wheel angle of 180 degrees).
- Intended to improve maneuverability for specific off road situations.

How to Enter Off Mode

- The following vehicle conditions must be true to enter the Off Mode:
 - Vehicle speed less than 2 km/h (1.2 mph)
 - The vehicle is in P (Park) or N (Neutral)
 - Steering wheel is not in motion
 - Off Mode can not be engaged while Super Cruise is active



- Tap the four-wheel steering button while in Automatic Mode or CrabWalk Mode to enter.

How to Exit Off Mode

1. The steering wheel cannot be in motion when exiting Off Mode.
2. Tap the four-wheel steering button to exit back to the Automatic Mode.

Steering Behavior in Off Mode

Four-wheel steering is disengaged with rear wheels set to forward position.

Four-Wheel Steering Behavior at 0 MPH

The rear wheels may not steer to full travel when the vehicle is stationary. Additional travel may be achieved once the vehicle begins to move.

Care should be taken to ensure the vehicle path is clear of obstacles if the rear tires steer once the vehicle is moving.

Locking Rear Axle

The locking rear axle can give the vehicle additional traction from the rear wheels when traveling in off-road situations such as mud, snow, steep hills, and uneven terrain.

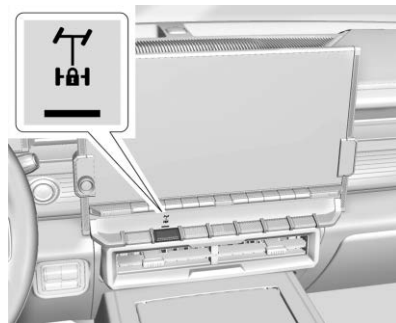
Caution

If you try to lock the axle while the vehicle is stuck and the tires are spinning, the vehicle's drivetrain could be damaged. The repairs would not be covered by the vehicle warranty. Always lock the axle before attempting situations and/or navigating terrain that could cause the vehicle to become stuck.

Caution

If the vehicle's axle is locked while driving on pavement, the drivetrain could be damaged. Repairs would not be covered by the vehicle warranty. Do not use the locking axle on pavement.

To lock the rear axle:



1. Press the rear axle locking switch. The vehicle must be moving 40 km/h (25 mph) or less.
2. Wait for the light on the switch to stop flashing. A solid light indicates the rear axle is locked.

When the vehicle speed exceeds 40 km/h (25 mph) the locking rear axle disengages. The Off-Road Mode and Terrain Mode allow the axle lock to remain engaged at higher vehicle speeds.