



OPTIQ

TRAILER TOWING SUPPLEMENT

2027



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Trailer Towing

General Towing Information



Warning

You can lose control when towing a trailer if the correct equipment is not used or the vehicle is not driven properly. For example, if the trailer is too heavy or the trailer brakes are inadequate for the load, the vehicle may not stop as expected. You and others could be seriously injured. The vehicle may also be damaged, and the repairs would not be covered by the vehicle warranty. Pull a trailer only if all the steps in the Trailer Towing Supplement have been followed. Ask your dealer for advice and information about towing a trailer with the vehicle.

To tow a disabled vehicle, see your owner's manual.

Driving Characteristics and Towing Tips

Driving with a Trailer

Trailering is different than just driving the vehicle by itself. Trailering affects vehicle handling, acceleration, braking, and durability. Successful and safe trailering requires proper use of the correct equipment.

The following information has many time-tested, important trailering tips and safety rules. Many of these are important for your safety and that of your passengers. Read this section carefully before towing a trailer.

When towing a trailer:

- Follow all state and local laws that apply to trailer towing. These requirements vary from state to state.
- Install extended side view mirrors on your vehicle if your visibility is limited or restricted while towing. State laws may require the use of extended side view mirrors.

- Do not tow a trailer during the first 800 km (500 mi) of vehicle use to prevent damage to the vehicle.
- Do not drive over 80 km/h (50 mph) and do not make starts at full acceleration during the first 800 km (500 mi) of trailer towing.
- Tow in D (Drive).

If equipped, the following driver assistance features should be turned off when towing a trailer, or may turn off automatically when a trailer is detected:

- Park Assist
- Automatic Parking Assist
- Reverse Automatic Braking
- Rear Cross Traffic Alert
- Rear Cross Traffic Braking
- Lane Change Alert
- Super Cruise and Adaptive Cruise Control, unless equipped with trailering functionality. See your owner's manual.

Automatic Emergency Braking, and Front Pedestrian Braking should be set to Alert unless equipped with Super Cruise.

Towing a trailer requires experience. The combination of the vehicle and trailer is longer and not as responsive as the vehicle itself. Become familiar with handling and braking by driving on a level road surface before driving on public roads.

The trailer structure, the tires, and the brakes must all be rated to carry the intended cargo. Inadequate trailer equipment can cause the combination to operate in an unexpected or unsafe manner. Before driving, inspect all trailer hitch parts and attachments, safety chains, electrical connectors, lights, tires, and mirrors. See *Towing Equipment* ⇨ 6. If the trailer has electric brakes, start the combination moving and then manually apply the trailer brake controller to check that the trailer brakes work. During the trip, occasionally check that the cargo and trailer are secure and that the lights and any trailer brakes are working.

Towing with a Stability Control System

When towing, the stability control system might be heard. The system reacts to vehicle movement caused by the trailer, which mainly occurs during cornering. This is normal when towing heavier trailers.

Following Distance

Stay at least twice as far behind the vehicle ahead as you would when driving without a trailer to help avoid heavy braking and sudden turns.

Passing

More passing distance is needed when towing a trailer. The combination of the vehicle and trailer will not accelerate as quickly and is much longer than the vehicle alone. It is necessary to go much farther beyond the passed vehicle before returning to the lane. Pass on level roadways. Avoid passing on hills if possible.

Backing Up

Hold the bottom of the steering wheel with one hand. To move the trailer to the left, move that hand to the left. To move the trailer to the right, move that hand to the right. Always back up slowly and, if possible, have someone guide you.

Making Turns

Caution

Turn more slowly and make wider arcs when towing a trailer to prevent damage to your vehicle. Making very sharp turns could cause the trailer to contact the vehicle.

Make wide turns when towing to prevent the trailer from crossing over soft shoulders or curbs, or striking road signs, trees, or other objects. Always signal turns well in advance. Do not steer or brake suddenly.

Towing on Grades

Reduce speed before descending a long or steep downhill grade. Use regenerative braking to help slow the vehicle or maintain speed by keeping the vehicle in gear and limiting the initial battery charge to 80% or less. Avoid using Regen on Demand. See your owner's manual.

Viewing Systems

If equipped, the viewing systems on the vehicle can improve visibility while hitching, backing up, and driving with a trailer. See your owner's manual.

Parking on Hills



Warning

To prevent serious injury or death, always park your vehicle and trailer on a level surface when possible.

When parking your vehicle and your trailer on a hill:

1. Press and hold the brake pedal, but do not shift into P (Park). Turn the wheels toward the curb if facing downhill or into traffic if facing uphill.
2. Have someone place chocks under the trailer wheels.
3. When the wheel chocks are in place, gradually release the brake pedal to allow the chocks to support the load of the trailer.
4. Reapply the brake pedal. Then apply the Electric Parking Brake and shift into P (Park).

5. Release the brake pedal.

Leaving After Parking on a Hill

1. Apply and hold the brake pedal.
2. Start the vehicle.
3. Shift into the desired gear.
4. Release the parking brake.
5. Let up on the brake pedal.
6. Drive slowly until the trailer is clear of the chocks.
7. Stop and have someone pick up and store the chocks.

Maintenance when Trailer Towing

A vehicle used to tow trailers requires service more often. See your owner's manual.

It is especially important to check the cooling system and brake system before/during each trip.

Check periodically that all nuts and bolts on the trailer hitch are tight.

Cooling the Vehicle when Trailer Towing

The cooling system may temporarily overheat during severe operating conditions. See your owner's manual.

Trailer Towing

Trailer Weight



Warning

You and others could be seriously injured or killed if the trailer is too heavy or the trailer brakes are inadequate for the load. The vehicle may be damaged, and the repairs would not be covered by the vehicle warranty.

Only tow a trailer if all the steps in this section have been followed. Ask your dealer for advice and information about towing a trailer.

Safe trailering requires monitoring the weight, speed, altitude, road grades, outside temperature, and how frequently the vehicle is used to tow a trailer.

Trailer Weight Ratings

When towing a trailer, the combined weight of the vehicle, vehicle contents, trailer, and trailer contents must be below all the maximum weight ratings for the vehicle, including:

- Gross Combined Weight Rating
- Gross Vehicle Weight Rating
- Maximum Trailer Weight Rating
- Gross Axle Weight Rating-Rear
- Maximum Trailer Tongue Weight Rating

See "Trailer Brakes" under *Towing Equipment* ⇨ 6 to determine if brakes are required based on your trailer's weight.

The only way to be sure the weight ratings are not exceeded is to verify with a scale.

Gross Combined Weight Rating

Gross Combined Weight Rating is the total allowable weight of the completely loaded vehicle and trailer including any passengers, cargo, equipment, and accessories.

The Gross Combined Weight Rating for the vehicle in is the Tow Rating Chart following.

Gross Vehicle Weight Rating

For information about the vehicle's maximum load capacity, see your owner's manual. When calculating the Gross Vehicle Weight Rating with a trailer attached, include the trailer tongue weight as part of the weight the vehicle is carrying.

Maximum Trailer Weight

The Maximum Trailer Weight Rating is calculated assuming the tow vehicle has a driver, a front seat passenger, and all required trailering equipment. The Maximum Trailer Weight Rating represents the heaviest trailer the vehicle can tow, but it may be necessary to reduce the trailer weight to stay within the Gross Combined Weight Rating, Gross Vehicle Weight Rating, maximum trailer tongue load, or Gross Axle Weight Rating-Rear. This is especially true for heavier vehicles with high option content.

Use the tow rating chart to determine how much the trailer can weigh, based on the vehicle model, powertrain, and trailering options.

Vehicle	Maximum Trailer Weight (Max Towing Capacity)	Gross Combined Mass/ Weight Rating (GCMR/GCWR)	Maximum Tongue Weight
OPTIQ Non V-Series	680 kg (1,500 lb)	3 560 kg (7,850 lb)	68 kg (150 lb)
OPTIQ V-Series	—	—	—

Rear Gross Axle Weight Rating

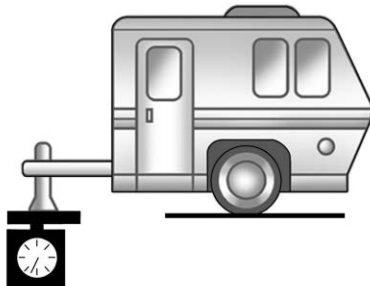
The Rear Gross Axle Weight Rating is the total weight the vehicle's rear axle can support. Do not exceed the Rear Gross Axle Weight Rating for the vehicle with the tow vehicle and trailer fully loaded for the trip, including the weight of the trailer tongue. If using a weight-distributing hitch, do not exceed the Rear Gross Axle Weight Rating before applying the weight distribution spring bars.

For additional assistance with trailering or additional information, see your dealer.

Maximum Trailer Tongue Weight Rating

The Maximum Trailer Tongue Weight Rating is the allowable trailer tongue weight that the vehicle can support using a conventional trailer hitch. It may be necessary to reduce the overall trailer weight to stay within

the maximum trailer tongue weight rating while still maintaining the correct trailer load balance.



The trailer tongue weight contributes to the Gross Vehicle Weight. The Gross Vehicle Weight includes the curb weight of your vehicle, any passengers, cargo, equipment and

the trailer tongue weight. Vehicle options, passengers, cargo, and equipment reduce the maximum allowable tongue weight the vehicle can carry, which also reduces the maximum allowable trailer weight.

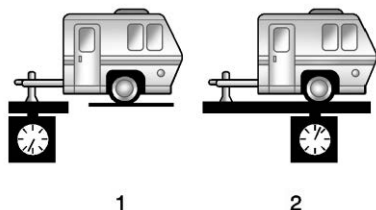
After loading the trailer, separately weigh the trailer and trailer tongue. Calculate the trailer load balance percentage to see if the weights and distribution are appropriate for your vehicle. If the trailer weight is too high, it may be possible to transfer some of the cargo into your vehicle. If the trailer tongue weight is too high or too low, it may be possible to rearrange some of the cargo inside of the trailer.

Do not exceed the maximum allowable tongue weight for your vehicle. Use the shortest hitch extension available to position the hitch ball

closer to your vehicle. This will help reduce the effect of the trailer tongue weight on the trailer hitch and the rear axle.

Trailer Load Balance

The correct trailer load balance must be maintained to ensure trailer stability. Incorrect load balance is a leading cause of trailer sway.



The trailer tongue weight (1) should be 10–15% of the total loaded trailer weight (2). Some specific trailer types, such as boat trailers, fall outside of this range. See the trailer owner's manual for the recommended trailer tongue weight for each trailer. Never exceed the maximum loads for your vehicle, hitch and trailer.

To calculate the trailer load balance percentage, divide weight (1) by weight (2) times 100.

If you use a cargo carrier in the trailer hitch receiver, choose a carrier that positions the load as close to the vehicle as possible. Make sure the total weight, including the carrier, is no more than half of the maximum allowable tongue weight for the vehicle or 227 kg (500 lb), whichever is less.

Towing Equipment

Hitches



Warning

In order to avoid serious injury or property damage, always follow the hitch manufacturer's instructions when securing your draw bar/coupling device to the vehicle's hitch receiver.

Ensure that the draw bar/coupling device is secured with a locking retainer pin or other means such that rotation of the pin or locking mechanism will not cause the pin to back out or loosen during

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Warning (Continued)

use. Failure to correctly secure the draw bar/coupling device to the receiver can result in separation of the hitch/receiver while towing.

Conventional Hitch

A conventional hitch is bolted to the frame or cross member of the tow vehicle, and is generally rated Class 2, 3, 4, or 5.

Always use the correct hitch equipment for your vehicle. Crosswinds, large trucks going by, and rough roads can affect the trailer and the hitch.

Proper hitch equipment for your vehicle helps maintain control of the vehicle-trailer combination. Many trailers can be towed using a weight-carrying hitch which has a coupler latched to the hitch ball, or a tow eye latched to a pintle hook. Other trailers may require a weight-distributing hitch that uses spring bars to distribute the trailer tongue weight between your vehicle and trailer axles.

Tires

- Do not tow a trailer while using a compact spare tire on the vehicle.
- Tires must be properly inflated to support loads while towing a trailer. See your owner's manual for instructions on proper tire inflation.

Safety Chains



Warning

Always cross trailer safety chains and never allow them to drag on the ground. Improper installation can result in damage to the chains and could lead to loss of control of the trailer and tow vehicle. Serious injury can occur if the trailer detaches from the tow vehicle.

Always attach chains between the vehicle and the trailer for trailers with a conventional hitch. Leave just enough slack so the combination can turn.

Conventional Hitch

Attach the chains to the holes on the trailer hitch platform. Cross the safety chains under the tongue of the trailer to help prevent the tongue from contacting the road if it becomes separated from the hitch.

Trailer Brakes



Warning

Never attempt to tamper with the hydraulic brake system for your trailer brakes. Do not connect a trailer's hydraulic brake system directly to your vehicle's hydraulic brake system. If you do, both the vehicle antilock brakes and the trailer brakes may not function, which could result in a crash.

Loaded trailers over 680 kg (1,500 lb) must be equipped with brake systems and with brakes for each axle.

A fused 12 V+ lead can be wired to the battery to support a four- to seven-pin vehicle side trailer connection and braking applications. This will function with a Bluetooth trailer brake controller.

Use trailer braking equipment meeting or exceeding the Canadian Standards Association (CSA) requirement CAN3-D313.

State or local regulations may require trailers to have their own braking system if the loaded weight of the trailer exceeds a maximum value. Read and follow the instructions for the trailer brakes so they are installed, adjusted, and maintained properly.

Trailer Lights

Always check that all trailer lights are working at the beginning of each trip, and periodically on longer trips.

Turn Signals When Towing a Trailer

When properly connected, the trailer turn signals will illuminate to indicate the vehicle is turning, changing lanes, or stopping. When towing a trailer, the arrows on the instrument cluster will illuminate even if the trailer is not properly connected or the bulbs are burned out.

Trailer Sway Control (TSC)

Warning

Trailer sway can result in a crash and in serious injury or death, even if the vehicle is equipped with TSC.

If the trailer begins to sway, reduce vehicle speed by gradually removing your foot from the accelerator. Then pull over to check the trailer and vehicle to help correct possible causes, including an improperly or overloaded trailer, unrestrained cargo, improper trailer hitch configuration, or improperly inflated or incorrect vehicle or trailer tires. See *Towing Equipment* ⇨ 6 for trailer ratings and hitch setup recommendations.

Trailer sway is the side-to-side motion of a trailer while towing. Vehicles equipped with the Trailer Sway Control System use the Stabilitrak/Electronic Stability Control System to control trailer sway by applying the vehicle brakes at each wheel to limit motion and acceleration. See your owner's manual.

When the system detects and engages trailer sway control, the Stabilitrak/Electronic Stability Control warning light flashes on the instrument cluster. See your owner's manual.

If the Stabilitrak/Electronic Stability Control System is disabled or fails, Trailer Sway Control will not function.

If the system detects increased trailer sway, it applies the vehicle brakes at each wheel to limit motion. You may notice the vehicle limit acceleration.

Trailer Tires

Warning

To avoid damage to your trailer tires, which could cause instability or a sudden loss of pressure:

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Warning (Continued)

- Always check all trailer tire pressures before each trip when the tires are cool. Note that trailer tires differ from vehicle tires. Trailer tires are designed with stiff sidewalls to help prevent sway and to support heavy loads. These features can make it difficult to determine if the trailer tire pressures are low only based on a visual inspection.
- Never load the trailer with more weight than the tires are designed to support. Check the load rating on the trailer tire sidewall.
- Replace deteriorated trailer tires. The trailer tire sidewall shows the week and year the tire was manufactured. Many trailer tire manufacturers recommend replacing tires more than six years old.
- Always follow the maximum speed rating for the trailer tires. This may be significantly lower than the vehicle tire speed rating. The speed rating may be on the trailer tire sidewall. If the speed rating is not shown, the default trailer tire speed rating is 105 km/h (65 mph).

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