

North Dakota:

North Dakota Vehicle Code: <http://www.legis.nd.gov/cencode/t39.html>

39-01-01. Definitions.

In this title, unless the context or subject matter otherwise requires:

. . .

78. "Semitrailer" includes every vehicle of the trailer type so designed and used in conjunction with a truck or truck tractor that some part of its own weight and that of its own load rests upon or is carried by a truck or truck tractor, except that it does not include a "houstrailer" or "mobile home".

. . .

94. "Trailer" includes every vehicle without motive power designed to carry property or passengers wholly on its own structure and to be drawn by a motor vehicle, except that it does not include a "houstrailer" or "mobile home", which terms mean a vehicle as defined in this subsection which is designed and intended for use as living or sleeping quarters for people and which is not used for commercial hauling of passengers.

39-12-04. Width, height, and length limitations on vehicles -- Exceptions.

1. Vehicles operated on a highway in this state may not exceed a total outside width, including load thereon, of eight feet six inches [2.59 meters]. This limitation does not apply to:

a. Construction and building contractors' equipment and vehicles used to move such equipment which does not exceed ten feet [3.05 meters] in width when being moved by contractors or resident carriers.

b. Implements of husbandry being moved by resident farmers, ranchers, governmental entities, dealers, or manufacturers between sunrise and sunset. Furthermore, the limitation does not apply to implements of husbandry being moved between sunset and sunrise by resident farmers, ranchers, governmental entities, dealers, or manufacturers on public state, county, or township highway systems other than interstate highway systems.

c. Hay in the stack or bale being moved along the extreme right edge of a roadway between sunrise and sunset by someone other than a commercial mover.

d. Commercial movement of haystacks or hay bales with vehicles designed specifically for hauling hay, commercial movement of self-propelled fertilizer spreaders and self-propelled agricultural chemical applicators, whether operating under their own power or being transported by another vehicle, commercial movement of portable grain cleaners, commercial movement of forage harvesters, and the commercial movement of hay grinders, which may be moved on the

highway after obtaining a seasonal permit issued by the highway patrol. The highway patrol shall issue seasonal permits that are valid during daylight hours on any day of the week, or that are valid at all times for the movement of self-propelled fertilizer spreaders and self-propelled agricultural chemical applicators, to any commercial entity otherwise qualified under this subdivision. Self-propelled fertilizer spreaders and self-propelled agricultural chemical applicators operating under their own power between sunset and sunrise must display vehicle hazard warning signal lamps as described in subsection 3 of [section 39-21-19.1](#). The seasonal permit is in lieu of registration requirements for the permit period. No seasonal permit may be issued, unless proof of financial responsibility in a minimum of three hundred thousand dollars is filed and the appropriate permit fee is paid. The seasonal permit may also be issued for hauling hay bales with vehicles or vehicle combinations other than those designed specifically for hauling haystacks. This seasonal permit, however, will not be in lieu of registration requirements. All permit fees must be deposited in the state highway distribution fund.

e. Safety devices that the highway patrol determines are necessary for the safe and efficient operation of motor vehicles may not be included in the calculation of width.

f. Any nonload carrying safety appurtenance as determined by the highway patrol which extends no more than three inches [7.62 centimeters] from each side of a trailer is excluded from the measurement of trailer width. The width of a trailer is measured across the sidemost load-carrying structures, support members, and structural fasteners.

g. The highway patrol may adopt reasonable rules for those vehicles exempted from the width limitations as provided for in this subsection.

2. Vehicles operated on a highway in this state may not exceed a height of fourteen feet [4.27 meters], whether loaded or unloaded. This height limitation does not affect any present structure such as bridges and underpasses that are not fourteen feet [4.27 meters] in height. This limitation does not apply to vehicles that are at most fifteen feet six inches [4.72 meters] high when all of the following apply:

a. The vehicle is an implement of husbandry and is being moved by a resident farmer, rancher, dealer, or manufacturer.

b. The trip is at most sixty miles [96.56 kilometers].

c. The trip is between sunrise and sunset.

d. None of the trip is on an interstate highway.

3. A vehicle operated on a highway in this state may not exceed the following length limitations:

a. A single unit vehicle with two or more axles including the load thereon may not exceed a length of fifty feet [15.24 meters].

b. A combination of two units including the load thereon may not exceed a length of seventy-five feet [22.86 meters].

c. A combination of three or four units including the load thereon may not exceed a length of seventy-five feet [22.86 meters], subject to any rules adopted by the director that are consistent with public highway safety. The rules do not apply to a three-unit combination consisting of a truck tractor and semitrailer drawing a trailer or semitrailer.

d. A combination of two, three, or four units including the load thereon may be operated on all four-lane divided highways and those highways in the state designated by the director and local authorities as to the highways under their respective jurisdictions and may not exceed a length of one hundred ten feet [33.53 meters], subject to any rules adopted by the director that are consistent with public highway safety.

e. The length of a trailer or semitrailer, including the load thereon, may not exceed fifty-three feet [16.5 meters] except that trailers and semitrailers titled and registered in North Dakota before July 1, 1987, and towed vehicles may not exceed a length of sixty feet [18.29 meters].

4. Length limitations do not apply to:

a. Building moving equipment.

b. Emergency tow trucks towing disabled lawful combinations of vehicles to a nearby repair facility.

c. Vehicles and equipment owned and operated by the armed forces of the United States or the national guard of this state.

d. Structural material of telephone, power, and telegraph companies.

e. Truck-mounted haystack moving equipment, provided the equipment does not exceed a length of fifty-six feet [17.07 meters].

f. A truck tractor and semitrailer or truck tractor, semitrailer, and the trailer when operated on the interstate highway system or parts of the federal aid primary system as designated by the director, only when federal law requires the exemption.

g. Safety and energy conservation devices and any additional length exclusive devices as determined by the highway patrol for the safe and efficient operation of commercial motor vehicles. Length exclusive devices are appurtenances at the front or rear of a commercial motor vehicle semitrailer or trailer, whose function is related to the safe and efficient operation of the semitrailer or trailer.

5. Motor homes, house cars, travel trailers, fifth-wheel travel trailers, camping trailers, and truck campers may exceed eight feet six inches [2.59 meters] in width if the excess is attributable to an appurtenance that extends beyond the body of the vehicle no more than six inches [15.24 centimeters] on either side of the vehicle. For purposes of this subsection, the term appurtenance includes a shade awning and its support hardware, and any appendage that is intended to be an integral part of a motor home, house car, travel trailer, fifth-wheel travel trailer, camping trailer, or truck camper.

39-21-32. **Brake** equipment required.

- **1.** Every motor vehicle, other than a motorcycle or motor-driven cycle, when operated upon a highway must be equipped with **brakes** adequate to control the movement of and to stop and hold such vehicle, including two separate means of applying the **brakes**, each of which means must be effective to apply the **brakes** to at least two wheels. If these two separate means of applying the **brakes** are connected in any way, they must be so constructed that failure of any one part of the operating mechanism does not leave the motor vehicle without **brakes** on at least two wheels.
- **2.** Every farm tractor, motorcycle, and motor-driven cycle, when operated upon a highway, must be equipped with at least one **brake**, which may be operated by hand or foot.
- **3.** Every **trailer** or semitrailer when operated upon a highway at a speed in excess of twenty-five miles [40.23 kilometers] per hour must be equipped with safety chains or **brakes** adequate to control the movement of and to stop and to hold such vehicle and so designed as to be applied by the driver of the towing motor vehicle from its cab, and said **brakes** must be so designed and connected that in case of an accidental breakaway of the towed vehicle the **brakes** are automatically applied.
- **4.** One of the means of **brake** operation must be parking **brakes** adequate to hold the vehicle on any grade on which it is operated, under all conditions of loading, on a surface free from snow, ice, or loose material. The parking **brakes** must be capable of being applied in conformance with the foregoing requirements by the driver's muscular effort or by spring action or by equivalent means. Their operation may be assisted by the service **brakes** or other source of power provided that failure of the service **brake** actuation system or other power-assisting mechanism will not prevent the parking **brakes** from being applied in conformance with the foregoing requirements. The parking **brakes** must be so designed that when once applied they remain applied with the required effectiveness despite exhaustion of any source of energy or leakage of any kind. The same brakedrums, brakeshoes and lining assemblies, brakeshoe anchors, and mechanical brakeshoe actuation mechanism normally associated with the wheel **brake** assemblies may be used for both the service **brakes** and the parking **brakes**.

39-21-44.2. **Drawbar or connection between vehicles — Precautions required.**

The drawbar or other coupling device between vehicles, one of which is towing or drawing the other on a highway, must include safety chains connecting the vehicles. The drawbar or other coupling device, and the safety chains, must be of a design, strength, and construction so as to prevent the unintentional uncoupling of the vehicles. The safety chain requirement of this section does not apply to:

1. A fifth-wheel coupling device; or

2. A vehicle towing an implement of husbandry or an implement of husbandry towing a vehicle, when operated at a speed not exceeding twenty-five miles [40.23 kilometers] per hour.

39-21-38. Mirror.

- On and after January 1, 1964, every motor vehicle, operated singly or when towing any other vehicle, must be equipped with a **mirror** so located as to reflect to the driver a view of the highway for a distance of at least two hundred feet [60.96 meters] to the rear of such motor vehicle

39-09-07. Speed zones on state highways.

Whenever the director with respect to highways and the superintendent of the North Dakota state highway patrol shall jointly determine upon the basis of an engineering and traffic investigation that the speed of vehicular traffic on a state highway is greater or less than is reasonable or safe under the conditions found to exist at any intersection or other place or upon any part of such highway to include streets within the corporate limits of any city, when such streets have been designated as part of any state highway, said officials acting jointly may determine and declare a reasonable and safe speed limit thereat not in excess of the maximum prescribed by law, which shall be effective at all times or during hours of daylight or darkness or at such other times as may be determined when appropriate signs giving notice thereof are erected at such intersections or other place or part of the highway.