

**Michigan:**

[http://www.michigan.gov/sos/0,4670,7-127-1585\\_15242\\_15275-285702--,00.html](http://www.michigan.gov/sos/0,4670,7-127-1585_15242_15275-285702--,00.html)

**Trailers**

All trailers must be registered when used on-road. Additionally, if the trailer weighs over 2,500 lbs. (empty weight), it must be titled as well. All trailer coaches (e.g., pop-up camper, travel trailer, fifth wheel camper, etc.) are titled and registered regardless of weight.

If you purchased a used titled trailer, bring the assigned title to a Secretary of State office to have the title transferred into your name. A new trailer plate may be purchased at that time.

If you purchased a new or used trailer weighing less than 2,500 lbs., bring one of the following to a Secretary of State branch office to register it:

- a) For a new trailer, the Manufacturer's Certificate of Origin or the retailer's [bill of sale](#).
- b) For a used trailer, a [bill of sale](#) from the seller. The [bill of sale](#) should include the trailer's year, make, and vehicle identification number, along with the seller's name and address.
- c) For an assembled or homemade trailer, please review this link as well: [Assembled Vehicles](#).

The empty weight of the trailer will be needed for registration purposes. The empty weight (shipping weight) will show on a Manufacturer's Certificate of Origin, or, in the case of a used trailer, on the seller's Michigan registration.

If the weight is not available from either of these documents, you will need to have the trailer weighed at a certified scale. By law, a trailer may be towed without a license plate, using the most direct route, to a certified scale to have it weighed (MCL 257.216). Certified scales are typically found at truck stops, grain elevators, scrap metal recyclers, and junk yards. Bring the scale weight receipt when you visit a Secretary of State office.

When titling or registering a trailer, 6% use tax is due on the purchase price or retail dollar value, whichever is higher. The 6% use tax is not due if you purchased the trailer from a retailer and paid 6% sales tax with your purchase. Bring your [bill of sale](#) with you showing 6% tax was paid to the retailer.

Trailer plates are permanent (non-expiring) and remain valid until ownership transfers. Trailer and Trailer Coach plate fees are:

Empty Weight	Plate Fee
0 - 2,499 lbs.	\$75
2,500 - 9,999 lbs.	\$200
10,000 lbs. and over	\$300

**257.73 "Trailer" defined.**

Sec. 73.

"Trailer" means every vehicle with or without motive power, other than a pole-trailer, designed for carrying property or persons and for being drawn by a motor vehicle and so constructed that no part of its weight rests upon the towing vehicle. Trailer does not include any implement of husbandry.

**257.721 Passenger vehicle or pickup truck towing vehicle or trailer; drawbar or other connection; coupling devices and safety chains; pickup truck with fifth wheel assembly; conditions for towing additional trailer or semitrailer; speed limit requirements; violation as civil infraction.**

Sec. 721.

(1) Except as otherwise provided in subsection (5), a passenger vehicle or a pickup truck shall not be driven upon a highway drawing or having attached to the passenger vehicle or pickup truck more than 1 vehicle or trailer.

(2) The drawbar or other connection between 2 vehicles, 1 of which is towing or drawing the other on a highway, shall not exceed 15 feet in length from 1 vehicle to the other. If the connection consists of a chain, rope, or cable, there shall be displayed upon the connection a red flag or other signal or cloth not less than 12 inches both in length and width.

(3) A vehicle or trailer towed or drawn by a vehicle shall be attached to the vehicle with forms of coupling devices in a manner so that when the combination is operated in a linear alignment on a level, smooth, paved surface, the movement of the towed or drawn vehicle or trailer does not deviate more than 3 inches to either side of the path of the towing vehicle that tows or draws it. The vehicle or trailer shall also be connected to the towing vehicle by suitable safety chains or devices, 1 on each side of the coupling and at the extreme outer edge of the vehicle or trailer. Each chain or device and connection used shall be of sufficient strength to haul the vehicle or trailer when loaded. In the case of an implement of husbandry with a gross vehicle weight rating or gross combination weight rating of 10,000 pounds or less, the safety chains or devices required under this subsection shall conform to the federal motor carrier safety regulations requirements contained in 49 CFR 393.70(d)(5).

(4) A pickup truck with a fifth wheel assembly shall not tow a semitrailer unless the fifth wheel assembly conforms to the standards prescribed in the motor carrier safety act of 1963, 1963 PA 181, MCL 480.11 to 480.25.

(5) Notwithstanding subsection (1), a pickup truck with a towing rating equal to, or greater than, the weight being towed, equipped with a fifth wheel assembly that conforms with the standards prescribed in the motor carrier safety act of 1963, 1963 PA 181, MCL 480.11 to 480.25, towing attached with a semitrailer designed for recreational living purposes may tow an additional trailer or semitrailer under the following conditions:

(a) The additional trailer or semitrailer shall be attached as provided in subsection (3). The safety chains described in subsection (3) shall be securely attached at the extreme outer edge of the attached trailer or semitrailer with a locking mechanism. The towing vehicle hitch shall be of substantial material and shall be attached in a proper and skillful manner to the frame of the towing vehicle.

(b) The total length of the pickup truck, semitrailer designed for recreational living purposes, and additional trailer or semitrailer, and load, shall not exceed 75 feet on any highways in this state.

(c) The gross weight of the additional trailer or semitrailer towed or drawn shall not exceed the empty weight of the pickup truck or the empty weight of the semitrailer.

(6) For the purposes of this section, a pickup truck towing a semitrailer and additional trailer shall be considered a passenger vehicle and shall comply with the speed limit requirements of section 627(5).

(7) A person who violates this section is responsible for a civil infraction.

**257.717 Maximum permissible width of vehicle or load; extension beyond center line of highway; permit; designation of highway for operation of vehicle or vehicle combination; special permit; boat lift or trailer; violation as civil infraction; charging owner.**

Sec. 717.

(1) The total outside width of a vehicle or the load on a vehicle shall not exceed 96 inches, except as otherwise provided in this section.

(2) A person may operate or move an implement of husbandry of any width on a highway as required, designed, and intended for farming operations, including the movement of implements of husbandry being driven or towed and not hauled on a trailer, without obtaining a special permit for an excessively wide vehicle or load under section 725. The operation or movement of the implement of husbandry shall be in a manner so as to minimize the interruption of traffic flow. A person shall not operate or move an implement of husbandry to the left of the center of the roadway from a half hour after sunset to a half hour before sunrise, under the conditions specified in section 639, or at any time visibility is substantially diminished due to weather conditions. A person operating or moving an implement of husbandry shall follow all traffic regulations.

(3) The total outside width of the load of a vehicle hauling concrete pipe, ferrous pipe, agricultural products, or unprocessed logs, pulpwood, or wood bolts shall not exceed 108 inches.

(4) Except as provided in subsections (2) and (5) and this subsection, if a vehicle that is equipped with pneumatic tires is operated on a highway, the maximum width from the outside of 1 wheel and tire to the outside of the opposite wheel and tire shall not exceed 102 inches, and the outside width of the body of the vehicle or the load on the vehicle shall not exceed 96 inches. However, a truck and trailer or a tractor and semitrailer combination hauling pulpwood or unprocessed logs may be operated with a maximum width of not to exceed 108 inches in accordance with a special permit issued under section 725.

(5) The total outside body width of a bus, a trailer coach, a trailer, a semitrailer, a truck camper, or a motor home shall not exceed 102 inches. However, an appurtenance of a trailer coach, a truck camper, or a motor home that extends not more than 6 inches beyond the total outside body width is not a violation of this section.

(6) A vehicle shall not extend beyond the center line of a state trunk line highway except when authorized by law. Except as provided in subsection (2), if the width of the vehicle makes it impossible to stay away from the center line, a permit shall be obtained under section 725.

(7) The director of the state transportation department, a county road commission, or a local authority may designate a highway under the agency's jurisdiction as a highway on which a person may operate a vehicle or vehicle combination that is not more than 102 inches in width, including load, the operation of which would otherwise be prohibited by this section. The agency making the designation may require that the owner or lessee of the vehicle or of each vehicle in the vehicle combination secure a permit before operating the vehicle or vehicle combination. This subsection does not restrict the issuance of a special permit under section 725 for the operation of a vehicle or vehicle combination. This subsection does not permit the operation of a vehicle or vehicle combination described in section 722a carrying a load described in that section if the operation would otherwise result in a violation of that section.

(8) The director of the state transportation department, a county road commission, or a local authority may issue a special permit under section 725 to a person operating a vehicle or vehicle combination if all of the following are met:

(a) The vehicle or vehicle combination, including load, is not more than 106 inches in width.

(b) The vehicle or vehicle combination is used solely to move new motor vehicles or parts or components of new motor vehicles between facilities that meet all of the following:

(i) New motor vehicles or parts or components of new motor vehicles are manufactured or assembled in the facilities.

(ii) The facilities are located within 10 miles of each other.

(iii) The facilities are located within the city limits of the same city and the city is located in a county that has a population of more than 400,000 and less than 500,000 according to the most recent federal decennial census.

(c) The special permit and any renewals are each issued for a term of 1 year or less.

(9) A person may move or operate a boat lift of any width or an oversized hydraulic boat trailer owned and operated by a marina or watercraft dealer in a commercial boat storage operation on a highway under a multiple trip permit issued on an annual basis as specified under section 725. The operation or movement of the boat lift or trailer shall minimize the interruption of traffic flow. It shall be used exclusively to transport a boat between a place of storage and a marina or in and around a marina. A boat lift or oversized hydraulic boat trailer may be operated, drawn, or towed on a street or highway only when transporting a vessel between a body of water and a place of storage or when traveling empty to or from transporting a vessel. A boat lift shall not be operated on limited access highways. A person moving or operating a boat lift or oversized hydraulic boat trailer shall follow all traffic regulations and shall ensure the route selected has adequate power and utility wire height clearance.

(10) A person who violates this section is responsible for a civil infraction. The owner of the vehicle may be charged with a violation of this section.

**257.719 Height of vehicle; liability for damage to bridge or viaduct; normal length maximum; prohibitions; connecting assemblies and lighting devices; gross weight; violation as civil infraction; applicability of subsections (2)(a) and (3)(b); definitions.**

Sec. 719.

(1) A vehicle unloaded or with load shall not exceed a height of 13 feet 6 inches. The owner of a vehicle that collides with a lawfully established bridge or viaduct is liable for all damage and injury resulting from a collision caused by the height of the vehicle, whether the clearance of the bridge or viaduct is posted or not.

(2) Lengths described in this subsection shall be known as the normal length maximum. Except as provided in subsection (3), the following vehicles and combinations of vehicles shall not be operated on a highway in this state in excess of these lengths:

(a) Subject to subsection (8), any single vehicle: 40 feet; a crib vehicle on which logs are loaded lengthwise of the vehicle: 42.5 feet; any single bus or motor home: 45 feet.

(b) Articulated buses: 65 feet.

(c) Notwithstanding any other provision of this section, a combination of a truck and semitrailer or trailer, or a truck tractor, semitrailer, and trailer, or truck tractor and semitrailer or trailer, designed and used exclusively to transport assembled motor vehicles or bodies, recreational vehicles, or boats: 65 feet. A combination of a truck and semitrailer or trailer, or a truck tractor, semitrailer, and trailer, or a truck tractor and semitrailer or trailer designed and used to transport boats from the manufacturer, or a stinger-steered combination: 75 feet. The load on the combinations of vehicles described in this subdivision may extend an additional 3 feet beyond the front and 4 feet beyond the rear of the combinations of vehicles. Retractable extensions used to support and secure the load that do not extend beyond the allowable overhang for the front and rear shall not be included in determining length of a loaded vehicle or vehicle combination.

(d) Truck tractor and semitrailer combinations: no overall length, the semitrailer: 50 feet.

(e) Truck and semitrailer or trailer: 59 feet.

(f) Except as provided in subdivision (g), truck tractor, semitrailer, and trailer, or truck tractor and 2 semitrailers: 59 feet.

(g) A truck tractor, semitrailer, and trailer, or a truck tractor and 2 semitrailers, in which no semitrailer or trailer is more than 28-1/2 feet long: 65 feet. This subdivision only applies while the vehicle is being used for a business purpose reasonably related to picking up or delivering a load and only if each semitrailer or trailer is equipped with a device or system capable of mechanically dumping construction materials or dumping construction materials by force of gravity.

(h) More than 1 motor vehicle, wholly or partially assembled, in combination, utilizing 1 tow bar or 3 saddle mounts with full mount mechanisms and utilizing the motive power of 1 of the vehicles in combination: 55 feet.

(i) A recreational vehicle that has its own motive power, in combination with a trailer: 65 feet or, if the operator of the recreational vehicle has a group commercial motor vehicle designation on his or her operator's or chauffeur's license, 75 feet.

(3) Notwithstanding subsection (2), the following vehicles and combinations of vehicles shall not be operated on a designated highway of this state in excess of these lengths:

(a) Truck tractor and semitrailer combinations: no overall length limit, the semitrailer 53 feet. All semitrailers longer than 50 feet shall have a wheelbase of 37.5 to 40.5 feet plus or minus 0.5 feet, measured from the kingpin coupling to the center of the rear axle or the center of the rear axle assembly. City, village, or county authorities may prohibit stops of vehicles with a semitrailer longer than 50 feet within their jurisdiction unless the stop occurs along appropriately designated routes, or is necessary for emergency purposes or to reach shippers, receivers, warehouses, and terminals along designated routes.

(b) Truck and semitrailer or trailer combinations: 65 feet, except that a person may operate a truck and semitrailer or trailer designed and used to transport saw logs, pulpwood, and tree length poles that does not exceed an overall length of 70 feet or a crib vehicle and semitrailer or trailer designed and used to transport saw logs that does not exceed an overall length of 75 feet. A crib vehicle and semitrailer or trailer designed to and used to transport saw logs shall not exceed a gross vehicle weight of 164,000 pounds. A person may operate a truck tractor and semitrailer designed and used to transport saw logs, pulpwood, and tree length wooden poles with a load overhang to the rear of the semitrailer which does not exceed 6 feet if the semitrailer does not exceed 50 feet in length.

(c) Notwithstanding subsection (4)(d), a truck tractor with a log slasher unit and a log saw unit: no overall limit if the length of each unit does not exceed 28-1/2 feet, or the overall length of the log slasher unit and the log saw unit, as measured from the front of the first towed unit to the rear of the second towed unit while the units are coupled together, does not exceed 58 feet. The coupling devices of the truck tractor and units set forth in this subdivision shall meet the requirements established under the motor carrier safety act of 1963, 1963 PA 181, MCL 480.11 to 480.25.

(d) Truck tractor and 2 semitrailers, or truck tractor, semitrailer, and trailer combinations: no overall length limit, if the length of each semitrailer or trailer does not exceed 28-1/2 feet each, or the overall length of the semitrailer and trailer, or 2 semitrailers as measured from the front of the first towed unit to the rear of the second towed unit while the units are coupled together does not exceed 58 feet.

(e) More than 1 motor vehicle, wholly or partially assembled, in combination, utilizing 1 tow bar or 3 saddle mounts with full mount mechanisms and utilizing the motive power of 1 of the vehicles in combination: 75 feet.

(f) Truck tractor and lowboy semitrailer combinations: no maximum overall length, if the lowboy semitrailer does not exceed 59 feet, except as otherwise permitted under this subdivision. A lowboy semitrailer wheelbase shall not exceed 55 feet as measured from the kingpin coupling to the center of the rear axle. A lowboy semitrailer more than 59 feet in length shall not operate with more than any combination of 4 axles on the lowboy unless an oversized load permit is issued by the state transportation department or a local authority with respect to highways under its jurisdiction. As used in

this subdivision, "lowboy semitrailer" means a flatbed semitrailer with a depressed section that has the specific purpose of being lowered and raised for loading and unloading.

(4) The following combinations and movements are prohibited:

(a) A truck shall not haul more than 1 trailer or semitrailer, and a truck tractor shall not haul more than 2 semitrailers or 1 semitrailer and 1 trailer in combination at any 1 time, except that a farm tractor may haul 2 wagons or trailers, or garbage and refuse haulers may, during daylight hours, haul up to 4 trailers for garbage and refuse collection purposes, not exceeding in any combination a total length of 55 feet and at a speed limit not to exceed 15 miles per hour.

(b) A combination of vehicles or a vehicle shall not have more than 11 axles, except when operating under a valid permit issued by the state transportation department or a local authority with respect to a highway under its jurisdiction.

(c) Any combination of vehicles not specifically authorized under this section is prohibited.

(d) Except as provided in subsection (3)(c), a combination of 2 semitrailers pulled by a truck tractor, unless each semitrailer uses a fifth wheel connecting assembly that conforms to the requirements of the motor carrier safety act of 1963, 1963 PA 181, MCL 480.11 to 480.25.

(e) A vehicle or a combination of vehicles shall not carry a load extending more than 3 feet beyond the front of the lead vehicle.

(f) A vehicle described in subsections (2)(e) and (3)(e) employing triple saddle mounts unless all wheels that are in contact with the roadway have operating brakes.

(5) All combinations of vehicles under this section shall employ connecting assemblies and lighting devices that are in compliance with the motor carrier safety act of 1963, 1963 PA 181, MCL 480.11 to 480.25.

(6) The total gross weight of a truck tractor, semitrailer, and trailer combination or a truck tractor and 2 semitrailers combination that exceeds 59 feet in length shall not exceed a ratio of 400 pounds per engine net horsepower delivered to clutch or its equivalent specified in the handbook published by the society of automotive engineers, inc. (SAE), 1977 edition.

(7) A person who violates this section is responsible for a civil infraction. The owner of the vehicle may be charged with a violation of this section.

(8) The provisions in subsections (2)(a) and (3)(b) prescribing the length of a crib vehicle on which logs are loaded lengthwise do not apply unless 23 USC 127(d) is amended to allow crib vehicles carrying logs to be loaded as described in this section.

(9) As used in this section:

(a) "Designated highway" means a highway approved by the state transportation department or a local authority with respect to a highway under its jurisdiction.

(b) "Length" means the total length of a vehicle, or combination of vehicles, including any load the vehicle is carrying. Length does not include devices described in 23 CFR 658.16 and 23 CFR part 658, appendix d, 23 CFR 658.16 and 23 CFR part 658, appendix d, as on file with the secretary of state are

adopted by reference. A safety or energy conservation device shall be excluded from a determination of length only if it is not designed or used for the carrying of cargo, freight, or equipment. Semitrailers and trailers shall be measured from the front vertical plane of the foremost transverse load supporting structure to the rearmost transverse load supporting structure. Vehicle components not excluded by law shall be included in the measurement of the length, height, and width of the vehicle.

(c) "Stinger-steered combinations" means a truck tractor and semitrailer combination in which the fifth wheel is located on a drop frame located behind and below the rearmost axle of the power unit.

**257.721 Passenger vehicle or pickup truck towing vehicle or trailer; drawbar or other connection; coupling devices and safety chains; pickup truck with fifth wheel assembly; conditions for towing additional trailer or semitrailer; speed limit requirements; violation as civil infraction.**

Sec. 721.

(1) Except as otherwise provided in subsection (5), a passenger vehicle or a pickup truck shall not be driven upon a highway drawing or having attached to the passenger vehicle or pickup truck more than 1 vehicle or trailer.

(2) The drawbar or other connection between 2 vehicles, 1 of which is towing or drawing the other on a highway, shall not exceed 15 feet in length from 1 vehicle to the other. If the connection consists of a chain, rope, or cable, there shall be displayed upon the connection a red flag or other signal or cloth not less than 12 inches both in length and width.

(3) A vehicle or trailer towed or drawn by a vehicle shall be attached to the vehicle with forms of coupling devices in a manner so that when the combination is operated in a linear alignment on a level, smooth, paved surface, the movement of the towed or drawn vehicle or trailer does not deviate more than 3 inches to either side of the path of the towing vehicle that tows or draws it. The vehicle or trailer shall also be connected to the towing vehicle by suitable safety chains or devices, 1 on each side of the coupling and at the extreme outer edge of the vehicle or trailer. Each chain or device and connection used shall be of sufficient strength to haul the vehicle or trailer when loaded. In the case of an implement of husbandry with a gross vehicle weight rating or gross combination weight rating of 10,000 pounds or less, the safety chains or devices required under this subsection shall conform to the federal motor carrier safety regulations requirements contained in 49 CFR 393.70(d)(5).

(4) A pickup truck with a fifth wheel assembly shall not tow a semitrailer unless the fifth wheel assembly conforms to the standards prescribed in the motor carrier safety act of 1963, 1963 PA 181, MCL 480.11 to 480.25.

(5) Notwithstanding subsection (1), a pickup truck with a towing rating equal to, or greater than, the weight being towed, equipped with a fifth wheel assembly that conforms with the standards prescribed in the motor carrier safety act of 1963, 1963 PA 181, MCL 480.11 to 480.25, towing attached with a semitrailer designed for recreational living purposes may tow an additional trailer or semitrailer under the following conditions:

(a) The additional trailer or semitrailer shall be attached as provided in subsection (3). The safety chains described in subsection (3) shall be securely attached at the extreme outer edge of the attached trailer

or semitrailer with a locking mechanism. The towing vehicle hitch shall be of substantial material and shall be attached in a proper and skillful manner to the frame of the towing vehicle.

(b) The total length of the pickup truck, semitrailer designed for recreational living purposes, and additional trailer or semitrailer, and load, shall not exceed 75 feet on any highways in this state.

(c) The gross weight of the additional trailer or semitrailer towed or drawn shall not exceed the empty weight of the pickup truck or the empty weight of the semitrailer.

(6) For the purposes of this section, a pickup truck towing a semitrailer and additional trailer shall be considered a passenger vehicle and shall comply with the speed limit requirements of section 627(5).

(7) A person who violates this section is responsible for a civil infraction.

§ 257.687. Special **lamps** for passenger buses, trucks and **trailers**.

- Sec. 687. The sections of this chapter immediately following relating to clearance and marker **lamps**, reflectors and stop lights shall apply as stated in said sections to vehicles of the type therein enumerated, namely: Passenger busses, trucks, truck tractors, and certain **trailers**, semi-**trailers**, and pole-**trailers**, respectively, when operated upon any highway, and said vehicles shall be equipped as required and all **lamp** equipment required shall be lighted at the times mentioned in section 684 of this chapter except that clearance and side marker **lamps** need not be lighted on any said vehicle when operated within any municipality where there is sufficient light to render clearly discernible persons and vehicles on the highway at a distance of 500 feet.

§ 257.709. Windshields and windows; prohibitions; rearview **mirrors**; exceptions; windshield wipers; exemption; hot air windshield defroster or electrically heated windshield or other device; windshield device; definitions.

- Sec. 709. (1) A person shall not operate a motor vehicle with any of the following:
  - **(a)** A sign, poster, nontransparent material, window application, reflective film, or nonreflective film upon or in the front windshield, the side windows immediately adjacent to the driver or front passenger, or the sidewings adjacent to and forward of the driver or front passenger, except that a tinted film may be used along the top edge of the windshield and the side windows or sidewings immediately adjacent to the driver or front passenger if the material does not extend more than 4 inches from the top of the windshield, or lower than the shade band, whichever is closer to the top of the windshield.
  - **(b)** A rear window or side window to the rear of the driver composed of, covered by, or treated with a material that creates a total solar reflectance of 35% or more in the visible light range, including a silver or gold reflective film.
  - **(c)** An object that obstructs the vision of the driver of the vehicle, except as authorized by law.

- **(2)** A person shall not drive a motor vehicle if driver visibility through the rear window is obstructed, unless the vehicle is equipped with 2 rearview **mirrors**, 1 on each side, adjusted so that the operator has a clear view of the highway behind the vehicle.
- **(3)** This section does not apply to any of the following:
  - **(a)** The use of draperies, louvers, or other special window treatments, except those specifically designated in this section, on the rear window, or a side window to the rear of the driver if the vehicle is equipped with 2 outside rearview **mirrors**, 1 on each side, adjusted so that the driver has a clear view of the highway behind the vehicle.
  - **(b)** The use of a nonreflective, smoked or tinted glass, nonreflective film, perforated window screen, or other decorative window application on the rear window or a side window to the rear of the driver.
  - **(c)** The placement of a necessary certificate or sticker that does not obstruct the driver's clear view of the roadway or an intersecting roadway.
  - **(d)** A vehicle registered in another state, territory, commonwealth of the United States, or another country or province.
  - **(e)** A special window treatment or application determined necessary by a physician or optometrist, for the protection of a person who is light sensitive or photosensitive, if the owner or operator of a motor vehicle has in possession a letter signed by a physician or optometrist, indicating that the special window treatment or application is a medical necessity. However, the special window treatment or application shall not interfere with or obstruct the driver's clear vision of the highway or an intersecting highway.
- **(4)** Except as provided in subsection (5), the windshield on each motor vehicle shall be equipped with a device for cleaning rain, snow, or other moisture from the windshield, which device shall be so constructed as to be controlled or operated by the driver of the vehicle. A vehicle licensed as an historical vehicle is exempt from this subsection if the vehicle was not originally equipped with such a device. Each windshield wiper upon a motor vehicle shall be maintained in good working order.
- **(5)** A truck with a gross weight over 10,000 pounds, a truck tractor, a bus, or a truck regardless of weight carrying hazardous materials on which a placard is required to be posted pursuant to 49 CFR parts 100 to 199 having a windshield shall be equipped with not less than 2 automatically operating windshield wiper blades, 1 on each side of the centerline of the windshield, for cleaning rain, snow, or other moisture from the windshield. The blades shall be in such condition as to provide clear vision for the driver, unless 1 blade is so arranged as to clean an area of the windshield extending to within 1 inch of the limit of vision through the windshield at each side. However, in driveaway-towaway operations, this subsection applies only to the operated vehicle. In addition, 1 windshield wiper blade suffices under this subsection when the driven vehicle in a driveaway-towaway operation constitutes part or all of the property being transported and has no provision for 2 blades. A truck and truck tractor, manufactured after June 30, 1953, that depends upon vacuum to operate the windshield wipers, shall be so

constructed that the operation of the wipers is not materially impaired by change in the intake manifold pressure.

- **(6)** A truck with a gross weight over 10,000 pounds, a truck tractor, a bus, or a truck regardless of weight carrying hazardous materials on which a placard is required to be posted under 49 CFR parts 100 to 199 shall not be operated on the highways at any time unless it is equipped with a hot air windshield defroster or an electrically heated windshield or other device to heat and maintain the windshield in operable condition at all times.