

State of Arizona  
House of Representatives  
Fifty-third Legislature  
Second Regular Session  
2018

# HOUSE BILL 2266

## AN ACT

AMENDING SECTION 28-101, ARIZONA REVISED STATUTES; AMENDING TITLE 28, CHAPTER 3, ARTICLE 11, ARIZONA REVISED STATUTES, BY ADDING SECTION 28-819; AMENDING SECTION 28-2516, ARIZONA REVISED STATUTES; RELATING TO ELECTRIC BICYCLES.

(TEXT OF BILL BEGINS ON NEXT PAGE)

Be it enacted by the Legislature of the State of Arizona:

Section 1. Section 28-101, Arizona Revised Statutes, is amended to read:

**28-101. Definitions**

In this title, unless the context otherwise requires:

1. "Alcohol" means any substance containing any form of alcohol, including ethanol, methanol, propynol and isopropynol.
2. "Alcohol concentration" if expressed as a percentage means either:
  - (a) The number of grams of alcohol per one hundred milliliters of blood.
  - (b) The number of grams of alcohol per two hundred ten liters of breath.
3. "All-terrain vehicle" means either of the following:
  - (a) A motor vehicle that satisfies all of the following:
    - (i) Is designed primarily for recreational nonhighway all-terrain travel.
    - (ii) Is fifty or fewer inches in width.
    - (iii) Has an unladen weight of one thousand two hundred pounds or less.
    - (iv) Travels on three or more nonhighway tires.
    - (v) Is operated on a public highway.
  - (b) A recreational off-highway vehicle that satisfies all of the following:
    - (i) Is designed primarily for recreational nonhighway all-terrain travel.
    - (ii) Is sixty-five or fewer inches in width.
    - (iii) Has an unladen weight of one thousand eight hundred pounds or less.
    - (iv) Travels on four or more nonhighway tires.

4. "Authorized emergency vehicle" means any of the following:
  - (a) A fire department vehicle.
  - (b) A police vehicle.
  - (c) An ambulance or emergency vehicle of a municipal department or public service corporation that is designated or authorized by the department or a local authority.
  - (d) Any other ambulance, fire truck or rescue vehicle that is authorized by the department in its sole discretion and that meets liability insurance requirements prescribed by the department.
5. "Autocycle" means a three-wheeled motorcycle on which the driver and passengers ride in a fully or partially enclosed seating area that is equipped with a roll cage, safety belts for each occupant and antilock brakes and that is designed to be controlled with a steering wheel and pedals.
6. "Aviation fuel" means all flammable liquids composed of a mixture of selected hydrocarbons expressly manufactured and blended for the purpose of effectively and efficiently operating an internal combustion engine for use in an aircraft but does not include fuel for jet or turbine powered aircraft.
7. "Bicycle" means a device, including a racing wheelchair, that is propelled by human power and on which a person may ride and that has either:
  - (a) Two tandem wheels, either of which is more than sixteen inches in diameter.
  - (b) Three wheels in contact with the ground, any of which is more than sixteen inches in diameter.
8. "Board" means the transportation board.
9. "Bus" means a motor vehicle designed for carrying sixteen or more passengers, including the driver.
10. "Business district" means the territory contiguous to and including a highway if there are buildings in use for business or industrial purposes within any six hundred feet along the highway, including hotels, banks or office buildings, railroad stations and public buildings that occupy at least three hundred feet of frontage on one side or three hundred feet collectively on both sides of the highway.
11. "Certificate of ownership" means a paper or an electronic record that is issued in another state or a foreign jurisdiction and that indicates ownership of a vehicle.
12. "Certificate of title" means a paper document or an electronic record that is issued by the department and that indicates ownership of a vehicle.
13. "Combination of vehicles" means a truck or truck tractor and semitrailer and any trailer that it tows but does not include a forklift designed for the purpose of loading or unloading the truck, trailer or semitrailer.
14. "Controlled substance" means a substance so classified under section 102(6) of the controlled substances act (21 United States Code section 802(6)) and includes all substances listed in schedules I through V of 21 Code of Federal Regulations part 1308.
15. "Conviction" means:
  - (a) An unvacated adjudication of guilt or a determination that a person violated or failed to comply with the law in a court of original jurisdiction or by an authorized administrative tribunal.
  - (b) An unvacated forfeiture of bail or collateral deposited to secure the person's appearance in court.
  - (c) A plea of guilty or no contest accepted by the court.
  - (d) The payment of a fine or court costs.
16. "County highway" means a public road that is constructed and maintained by a county.
17. "Dealer" means a person who is engaged in the business of buying, selling or exchanging motor vehicles, trailers or semitrailers and who has an established place of business and has paid fees pursuant to section 28-4302.
18. "Department" means the department of transportation acting directly or through its duly authorized officers and agents.
19. "Digital network or software application" has the same meaning prescribed in section 28-9551.
20. "Director" means the director of the department of transportation.
21. "Drive" means to operate or be in actual physical control of a motor vehicle.
22. "Driver" means a person who drives or is in actual physical control of a vehicle.
23. "Driver license" means a license that is issued by a state to an individual and that authorizes the individual to drive a motor vehicle.
24. "ELECTRIC BICYCLE" MEANS A BICYCLE OR TRICYCLE THAT IS EQUIPPED WITH FULLY

**OPERABLE PEDALS AND AN ELECTRIC MOTOR OF LESS THAN SEVEN HUNDRED FIFTY WATTS AND THAT MEETS THE REQUIREMENTS OF ONE OF THE FOLLOWING CLASSES:**

**(a) "CLASS 1 ELECTRIC BICYCLE" MEANS A BICYCLE OR TRICYCLE THAT IS EQUIPPED WITH AN ELECTRIC MOTOR THAT PROVIDES ASSISTANCE ONLY WHEN THE RIDER IS PEDALING AND THAT CEASES TO PROVIDE ASSISTANCE WHEN THE BICYCLE OR TRICYCLE REACHES THE SPEED OF TWENTY MILES PER HOUR.**

**(b) "CLASS 2 ELECTRIC BICYCLE" MEANS A BICYCLE OR TRICYCLE THAT IS EQUIPPED WITH AN ELECTRIC MOTOR THAT MAY BE USED EXCLUSIVELY TO PROPEL THE BICYCLE OR TRICYCLE AND THAT IS NOT CAPABLE OF PROVIDING ASSISTANCE WHEN THE BICYCLE OR TRICYCLE REACHES THE SPEED OF TWENTY MILES PER HOUR.**

**(c) "CLASS 3 ELECTRIC BICYCLE" MEANS A BICYCLE OR TRICYCLE THAT IS EQUIPPED WITH AN ELECTRIC MOTOR THAT PROVIDES ASSISTANCE ONLY WHEN THE RIDER IS PEDALING AND THAT CEASES TO PROVIDE ASSISTANCE WHEN THE BICYCLE OR TRICYCLE REACHES THE SPEED OF TWENTY-EIGHT MILES PER HOUR.**

**~~24.~~ 25. "Electric personal assistive mobility device" means a self-balancing device with one wheel or two nontandem wheels and an electric propulsion system that limits the maximum speed of the device to fifteen miles per hour or less and that is designed to transport only one person.**

**~~25.~~ 26. "Farm" means any lands primarily used for agriculture production.**

**~~26.~~ 27. "Farm tractor" means a motor vehicle designed and used primarily as a farm implement for drawing implements of husbandry.**

**~~27.~~ 28. "Foreign vehicle" means a motor vehicle, trailer or semitrailer that is brought into this state other than in the ordinary course of business by or through a manufacturer or dealer and that has not been registered in this state.**

**~~28.~~ 29. "Golf cart" means a motor vehicle that has not less than three wheels in contact with the ground, that has an unladen weight of less than one thousand eight hundred pounds, that is designed to be and is operated at not more than twenty-five miles per hour and that is designed to carry not more than four persons including the driver.**

**~~29.~~ 30. "Hazardous material" means a material, and its mixtures or solutions, that the United States department of transportation determines under 49 Code of Federal Regulations is, or any quantity of a material listed as a select agent or toxin under 42 Code of Federal Regulations part 73 that is, capable of posing an unreasonable risk to health, safety and property if transported in commerce and that is required to be placarded or marked as required by the department's safety rules prescribed pursuant to chapter 14 of this title.**

**~~30.~~ 31. "Implement of husbandry" means a vehicle that is designed primarily for agricultural purposes and that is used exclusively in the conduct of agricultural operations, including an implement or vehicle whether self-propelled or otherwise that meets both of the following conditions:**

**(a) Is used solely for agricultural purposes including the preparation or harvesting of cotton, alfalfa, grains and other farm crops.**

**(b) Is only incidentally operated or moved on a highway whether as a trailer or self-propelled unit. For the purposes of this subdivision, "incidentally operated or moved on a highway" means travel between a farm and another part of the same farm, from one farm to another farm or between a farm and a place of repair, supply or storage.**

**~~31.~~ 32. "Limousine" means a motor vehicle providing prearranged ground transportation service for an individual passenger, or a group of passengers, that is arranged in advance or is operated on a regular route or between specified points and includes ground transportation under a contract or agreement for services that includes a fixed rate or time and is provided in a motor vehicle with a seating capacity not exceeding fifteen passengers including the driver.**

**~~32.~~ 33. "Livery vehicle" means a motor vehicle that:**

**(a) Has a seating capacity not exceeding fifteen passengers including the driver.**

**(b) Provides passenger services for a fare determined by a flat rate or flat hourly rate between geographic zones or within a geographic area.**

**(c) Is available for hire on an exclusive or shared ride basis.**

(d) May do any of the following:

(i) Operate on a regular route or between specified places.

(ii) Offer prearranged ground transportation service as defined in section 28-141.

(iii) Offer on demand ground transportation service pursuant to a contract with a public airport, licensed business entity or organization.

~~33.~~ **34.** "Local authority" means any county, municipal or other local board or body exercising jurisdiction over highways under the constitution and laws of this state.

~~34.~~ **35.** "Manufacturer" means a person engaged in the business of manufacturing motor vehicles, trailers or semitrailers.

~~35.~~ **36.** "Moped" means a bicycle, **NOT INCLUDING AN ELECTRIC BICYCLE**, that is equipped with a helper motor if the vehicle has a maximum piston displacement of fifty cubic centimeters or less, a brake horsepower of one and one-half or less and a maximum speed of twenty-five miles per hour or less on a flat surface with less than a one percent grade.

~~39.~~ **37.** "Motorcycle" means a motor vehicle that has a seat or saddle for the use of the rider and that is designed to travel on not more than three wheels in contact with the ground but excludes a tractor, **AN ELECTRIC BICYCLE** and a moped.

~~36.~~ **38.** "Motor driven cycle" means a motorcycle, including every motor scooter, with a motor that produces not more than five horsepower **BUT DOES NOT INCLUDE AN ELECTRIC BICYCLE**.

~~40.~~ **39.** "Motorized quadricycle" means a self-propelled motor vehicle to which all of the following apply:

(a) The vehicle is self-propelled by an emission-free electric motor and may include pedals operated by the passengers.

(b) The vehicle has at least four wheels in contact with the ground.

(c) The vehicle seats at least eight passengers, including the driver.

(d) The vehicle is operable on a flat surface using solely the electric motor without assistance from the pedals or passengers.

(e) The vehicle is a commercial motor vehicle as defined in section 28-5201.

(f) The vehicle is a limousine operating under a vehicle for hire company permit issued pursuant to section 28-9503.

(g) The vehicle is manufactured by a motor vehicle manufacturer that is licensed pursuant to chapter 10 of this title.

(h) The vehicle complies with the definition and standards for low-speed vehicles set forth in federal motor vehicle safety standard 500 and 49 Code of Federal Regulations sections 571.3(b) and 571.500, respectively.

~~37.~~ **40.** "Motor vehicle":

(a) Means either:

(i) A self-propelled vehicle.

(ii) For the purposes of the laws relating to the imposition of a tax on motor vehicle fuel, a vehicle that is operated on the highways of this state and that is propelled by the use of motor vehicle fuel.

(b) Does not include a motorized wheelchair, an electric personal assistive mobility device, **AN ELECTRIC BICYCLE** or a motorized skateboard. ~~g~~ For the purposes of this subdivision:

(i) "Motorized skateboard" means a self-propelled device that has a motor, a deck on which a person may ride and at least two tandem wheels in contact with the ground.

(ii) "Motorized wheelchair" means a self-propelled wheelchair that is used by a person for mobility.

~~38.~~ **41.** "Motor vehicle fuel" includes all products that are commonly or commercially known or sold as gasoline, including casinghead gasoline, natural gasoline and all flammable liquids, and that are composed of a mixture of selected hydrocarbons expressly manufactured and blended for the purpose of effectively and efficiently operating internal combustion engines. Motor vehicle fuel does not include inflammable liquids that are specifically manufactured for racing motor vehicles and that are distributed for and used by racing motor vehicles at a racetrack, use fuel as defined in section 28-5601, aviation fuel, fuel for jet or turbine powered aircraft or the mixture created at the interface of two different substances being transported through a pipeline, commonly known as transmix.

~~41.~~ **42.** "Neighborhood electric vehicle" means a self-propelled electrically powered motor vehicle to which

all of the following apply:

(a) The vehicle is emission free.

(b) The vehicle has at least four wheels in contact with the ground.

(c) The vehicle complies with the definition and standards for low-speed vehicles set forth in federal motor vehicle safety standard 500 and 49 Code of Federal Regulations sections 571.3(b) and 571.500, respectively.

~~42.~~ 43. "Nonresident" means a person who is not a resident of this state as defined in section 28-2001.

~~43.~~ 44. "Off-road recreational motor vehicle" means a motor vehicle that is designed primarily for recreational nonhighway all-terrain travel and that is not operated on a public highway. Off-road recreational motor vehicle does not mean a motor vehicle used for construction, building trade, mining or agricultural purposes.

~~44.~~ 45. "Operator" means a person who drives a motor vehicle on a highway, who is in actual physical control of a motor vehicle on a highway or who is exercising control over or steering a vehicle being towed by a motor vehicle.

~~45.~~ 46. "Owner" means:

(a) A person who holds the legal title of a vehicle.

(b) If a vehicle is the subject of an agreement for the conditional sale or lease with the right of purchase on performance of the conditions stated in the agreement and with an immediate right of possession vested in the conditional vendee or lessee, the conditional vendee or lessee.

(c) If a mortgagor of a vehicle is entitled to possession of the vehicle, the mortgagor.

~~46.~~ 47. "Pedestrian" means any person afoot. A person who uses an electric personal assistive mobility device or a manual or motorized wheelchair is considered a pedestrian unless the manual wheelchair qualifies as a bicycle. For the purposes of this paragraph, "motorized wheelchair" means a self-propelled wheelchair that is used by a person for mobility.

~~47.~~ 48. "Power sweeper" means an implement, with or without motive power, that is only incidentally operated or moved on a street or highway and that is designed for the removal of debris, dirt, gravel, litter or sand whether by broom, vacuum or regenerative air system from asphaltic concrete or cement concrete surfaces, including parking lots, highways, streets and warehouses, and a vehicle on which the implement is permanently mounted.

~~48.~~ 49. "Public transit" means the transportation of passengers on scheduled routes by means of a conveyance on an individual passenger fare-paying basis excluding transportation by a sightseeing bus, school bus or taxi or a vehicle not operated on a scheduled route basis.

~~49.~~ 50. "Reconstructed vehicle" means a vehicle that has been assembled or constructed largely by means of essential parts, new or used, derived from vehicles or makes of vehicles of various names, models and types or that, if originally otherwise constructed, has been materially altered by the removal of essential parts or by the addition or substitution of essential parts, new or used, derived from other vehicles or makes of vehicles. For the purposes of this paragraph, "essential parts" means integral and body parts, the removal, alteration or substitution of which will tend to conceal the identity or substantially alter the appearance of the vehicle.

~~50.~~ 51. "Residence district" means the territory contiguous to and including a highway not comprising a business district if the property on the highway for a distance of three hundred feet or more is in the main improved with residences or residences and buildings in use for business.

~~51.~~ 52. "Right-of-way" when used within the context of the regulation of the movement of traffic on a highway means the privilege of the immediate use of the highway. Right-of-way when used within the context of the real property on which transportation facilities and appurtenances to the facilities are constructed or maintained means the lands or interest in lands within the right-of-way boundaries.

~~52.~~ 53. "School bus" means a motor vehicle that is designed for carrying more than ten passengers and that is either:

(a) Owned by any public or governmental agency or other institution and operated for the transportation of children to or from home or school on a regularly scheduled basis.

(b) Privately owned and operated for compensation for the transportation of children to or from home or school on a regularly scheduled basis.

~~53.~~ 54. "Semitrailer" means a vehicle that is with or without motive power, other than a pole trailer, that is designed for carrying persons or property and for being drawn by a motor vehicle and that is constructed so that

some part of its weight and that of its load rests on or is carried by another vehicle.Ⓢ For the purposes of this paragraph, "pole trailer" has the same meaning prescribed in section 28-601.

~~54:~~ 55. "State" means a state of the United States and the District of Columbia.

~~55:~~ 56. "State highway" means a state route or portion of a state route that is accepted and designated by the board as a state highway and that is maintained by the state.

~~56:~~ 57. "State route" means a right-of-way whether actually used as a highway or not that is designated by the board as a location for the construction of a state highway.

~~57:~~ 58. "Street" or "highway" means the entire width between the boundary lines of every way if a part of the way is open to the use of the public for purposes of vehicular travel.

~~58:~~ 59. "Taxi" means a motor vehicle that has a seating capacity not exceeding fifteen passengers, including the driver, that provides passenger services and that:

(a) Does not primarily operate on a regular route or between specified places.

(b) Offers local transportation for a fare determined on the basis of the distance traveled or prearranged ground transportation service as defined in section 28-141 for a predetermined fare.

~~59:~~ 60. "Title transfer form" means a paper or an electronic form that is prescribed by the department for the purpose of transferring a certificate of title from one owner to another owner.

~~60:~~ 61. "Traffic survival school" means a school that offers educational sessions to drivers who are required to attend and successfully complete educational sessions pursuant to this title that are designed to improve the safety and habits of drivers and that are approved by the department.

~~61:~~ 62. "Trailer" means a vehicle that is with or without motive power, other than a pole trailer, that is designed for carrying persons or property and for being drawn by a motor vehicle and that is constructed so that no part of its weight rests on the towing vehicle.Ⓢ A semitrailer equipped with an auxiliary front axle commonly known as a dolly is deemed to be a trailer. For the purposes of this paragraph, "pole trailer" has the same meaning prescribed in section 28-601.

~~62:~~ 63. "Transportation network company" has the same meaning prescribed in section 28-9551.

~~63:~~ 64. "Transportation network company vehicle" has the same meaning prescribed in section 28-9551.

~~64:~~ 65. "Transportation network service" has the same meaning prescribed in section 28-9551.

~~65:~~ 66. "Truck" means a motor vehicle designed or used primarily for the carrying of property other than the effects of the driver or passengers and includes a motor vehicle to which has been added a box, a platform or other equipment for such carrying.

~~66:~~ 67. "Truck tractor" means a motor vehicle that is designed and used primarily for drawing other vehicles and that is not constructed to carry a load other than a part of the weight of the vehicle and load drawn.

~~67:~~ 68. "Vehicle" means a device in, on or by which a person or property is or may be transported or drawn on a public highway, excluding **ELECTRIC BICYCLES AND** devices moved by human power or used exclusively on stationary rails or tracks.

~~68:~~ 69. "Vehicle transporter" means either:

(a) A truck tractor capable of carrying a load and drawing a semitrailer.

(b) A truck tractor with a stinger-steered fifth wheel capable of carrying a load and drawing a semitrailer or a truck tractor with a dolly mounted fifth wheel that is securely fastened to the truck tractor at two or more points and that is capable of carrying a load and drawing a semitrailer.

Sec. 2. Title 28, chapter 3, article 11, Arizona Revised Statutes, is amended by adding section 28-819, to read:

**28-819. Electric bicycles**

**A. AN OPERATOR OF AN ELECTRIC BICYCLE IS GRANTED ALL THE RIGHTS AND PRIVILEGES AND IS SUBJECT TO ALL OF THE DUTIES OF A PERSON RIDING A BICYCLE. EXCEPT AS OTHERWISE PROVIDED IN THIS SECTION, AN ELECTRIC BICYCLE IS SUBJECT TO THE SAME PROVISIONS OF THIS TITLE AS A BICYCLE.**

**B. AN ELECTRIC BICYCLE IS NOT SUBJECT TO THE PROVISIONS OF THIS TITLE RELATING TO CERTIFICATES OF TITLE, REGISTRATION, VEHICLE LICENSE TAX, DRIVER LICENSES OR VEHICLE INSURANCE.**

**C. BEGINNING JANUARY 1, 2019, MANUFACTURERS AND DISTRIBUTORS OF ELECTRIC**

BICYCLES SHALL APPLY A LABEL THAT IS PERMANENTLY AFFIXED, IN A PROMINENT LOCATION, TO EACH ELECTRIC BICYCLE. ~~§~~ THE LABEL SHALL CONTAIN THE CLASSIFICATION NUMBER, TOP ASSISTED SPEED AND MOTOR WATTAGE OF THE ELECTRIC BICYCLE AND SHALL BE PRINTED IN AT LEAST NINE-POINT TYPE.

D. A CLASS 1 ELECTRIC BICYCLE OR A CLASS 2 ELECTRIC BICYCLE MAY BE USED ON BICYCLE AND MULTIUSE PATHS. ~~§~~ **A LOCAL AUTHORITY OR AGENCY OF THIS STATE HAVING JURISDICTION OVER A BICYCLE OR MULTIUSE PATH MAY PROHIBIT THE OPERATION OF A CLASS 1 ELECTRIC BICYCLE OR CLASS 2 ELECTRIC BICYCLE ON THE PATH.**

E. A CLASS 3 ELECTRIC BICYCLE MAY NOT BE OPERATED ON A BICYCLE OR MULTIUSE PATH UNLESS IT IS WITHIN OR ADJACENT TO A HIGHWAY OR ROADWAY OR UNLESS THE LOCAL AUTHORITY OR AGENCY OF THIS STATE HAVING JURISDICTION OVER THE PATH ALLOWS THE OPERATION.

Sec. 3. Section 28-2516, Arizona Revised Statutes, is amended to read:

**28-2516. Motorized gas powered bicycles or tricycles; definition**

A. Notwithstanding any other provision of this title:

1. A certificate of title is not required for a motorized ~~electric-or~~ gas powered bicycle or tricycle.
2. Registration is not required for a motorized ~~electric-or~~ gas powered bicycle or tricycle.
3. Vehicle license tax is not imposed on a motorized ~~electric-or~~ gas powered bicycle or tricycle.
4. A motorized ~~electric-or~~ gas powered bicycle or tricycle is exempt from the provisions of section 28-964 relating to required equipment on motorcycles and motor-driven cycles and from the provisions of title 49, chapter 3, article 5 relating to vehicle emissions inspections.

5. A driver license is not required to operate a motorized ~~electric-or~~ gas powered bicycle or tricycle.

6. A motorized ~~electric-or~~ gas powered bicycle or tricycle may use rights-of-way designated for the exclusive use of bicycles.

7. A motorized ~~electric-or~~ gas powered bicycle or tricycle is not subject to chapter 9 of this title.

B. This section does not prohibit a local authority from adopting an ordinance that regulates or prohibits the operation of motorized ~~electric-or~~ gas powered bicycles or tricycles, except that a local authority shall not adopt an ordinance that requires registration and licensing of motorized ~~electric-or~~ gas powered bicycles or tricycles.

C. For the purposes of this section, "motorized ~~electric-or~~ gas powered bicycle or tricycle":

1. Means a bicycle or tricycle that is equipped with a helper motor that has a maximum piston displacement of forty-eight cubic centimeters or less, that may also be self-propelled and that is operated at speeds of less than twenty miles per hour.

**2. DOES NOT INCLUDE AN ELECTRIC BICYCLE.**