Electric BICYCLE Regulations FS 316.20655

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Know the Difference: Electric Bicycles & More

Category	Segway/Hoverboard	Motorized Scooter*	Class 1** E-Bike	Class 2** E-Bike	Class 3** E-Bike
Photo					
Description:	Designed for one person. Self-balancing, two non-tandem wheels.	Designed for one person. With or without a seat or saddle; no more than three wheels.	Bike with electric motor that only engages while the rider is pedaling (pedal-assist or pedelec).	Bike with electric motor that can be engaged at any time, with or without the rider pedaling.	Bike with electric motor that only engages while the rider is pedaling (pedal-assist or pedelec).
What is the max assisted speed?	19 MPH	20 MPH	20 MPH	20 MPH	28 MPH
Do I need a license?	NO	NO	NO	NO	NO
Do I need to register my vehicle?	NO	NO	NO	NO	NO
Where can I ride?***	Trails, multi-use paths, and sidewalks; may only operate on roads with a speed limit of 25 mph or less	Roadways, bike lanes, trails, multi-use paths, and sidewalks	Roadways, bike lanes, trails, multi-use paths, and sidewalks	Roadways, bike lanes, trails, multi-use paths, and sidewalks	Roadways, bike lanes, trails, multi-use paths, and sidewalks
Do I need to wear a helmet?	Required for riders under 16; recommended for all	Required for riders under 16; recommended for all	Required for riders under 16; recommended for all	Required for riders under 16; recommended for all	Required for riders under 16; recommended for all

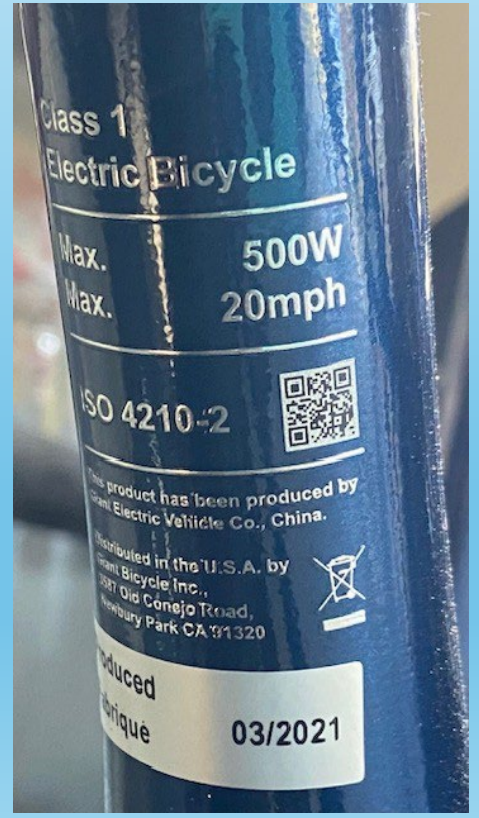
*Additional local regulations may apply to shared fleets.

**All classes of e-bikes can be visually similar. The difference is in their max assisted speed and how the user can engage the motor.

***Unless prohibited by local municipal code. Refer to local government regulations for more information and additional local e-bike restrictions.

(3) Beginning January 1, 2021, manufacturers and distributors of electric bicycles shall apply a label that is permanently affixed in a prominent location to each electric bicycle. The label must contain the **classification number, top assisted speed**, and **motor wattage** of the electric bicycle





4) A person may not tamper with or modify an electric bicycle so as to change the motor-powered speed capability or engagement of an electric bicycle, unless the label indicating the classification number required in subsection (3) is replaced after such modification.



(5) An electric bicycle must comply with the equipment and manufacturing requirements for bicycles adopted by the United States Consumer Product Safety Commission under 16 C.F.R. part 1512.



ARE E-BIKES SAFE FOR KIDS AND TEENAGERS TO RIDE?

Kids and teens can safely ride e-bikes with the correct precautions in place. This includes protective gear, knowing the rules and etiquette of the road, and proper supervision.

*The Consumer Product Safety Commission recommends that children age 9-12 years should not operate any product that travels faster than 10 mph.

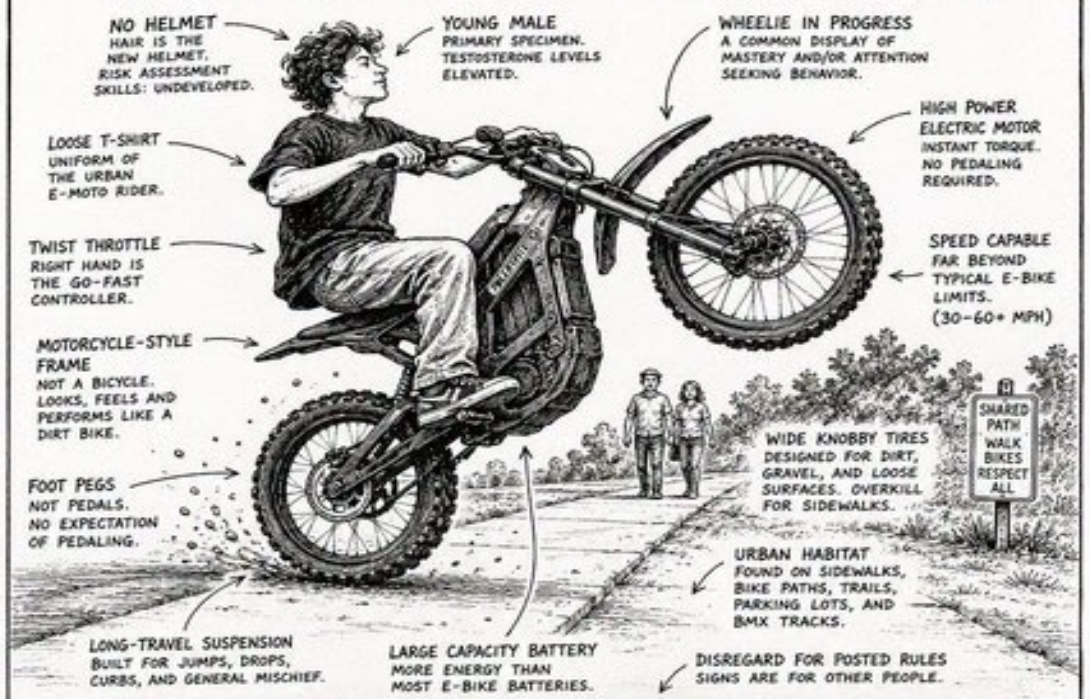
New riders should start in low-traffic areas, practice braking/turning, and ride with a buddy until comfortable. Riding with a more experienced rider can help newer riders build skills and follow the rules of the road.

(6) An electric bicycle must operate in a manner so that the electric motor is disengaged or ceases to function when the rider stops pedaling or when the brakes are applied.



FIELD GUIDE TO THE E-MOTO RIDER

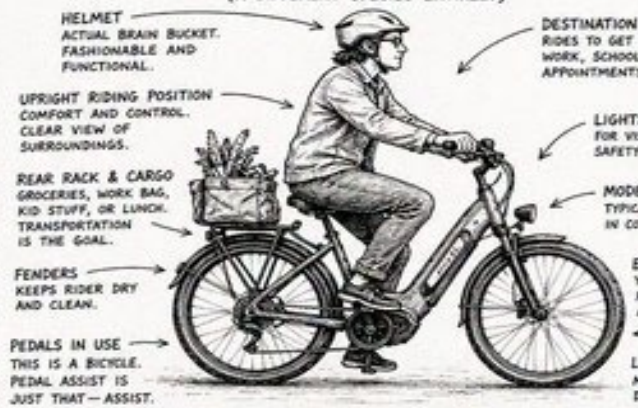
(A NATURAL HISTORY STUDY OF THE URBAN ELECTRIFIED OUTLAW)



IMPORTANT NOTE: NOT ALL YOUNG RIDERS. NOT ALL E-MOTO RIDERS ARE RECKLESS. BUT THE BEHAVIOR PATTERN IS COMMON ENOUGH TO BE WIDELY RECOGNIZED.

FOP COMPARISON: THE TYPICAL E-BIKE COMMUTER

(A DIFFERENT SPECIES ENTIRELY)



NOT REALLY ABOUT THE ELECTRICITY

TAKE AWAY THE BATTERY AND WHAT'S LEFT?

- RECKLESS CYCLISTS
- MINI-BIKE RIDERS
- OFF-ROAD MOTORCYCLES
- STUNT RIDERS
- POOR DECISIONS

THE CONFLICT IS USUALLY ABOUT:

- SPEED
- BEHAVIOR
- VEHICLE TYPE
- WHERE IT'S USED
- MATURITY (NOT THE VOLTAGE)



DIFFERENT MACHINES. DIFFERENT MISSIONS. DIFFERENT EXPECTATIONS.

KNOW THE DIFFERENCE. SHARE THE SPACE.

Except as otherwise provided in this section, an electric bicycle or an operator of an electric bicycle shall be afforded all the rights and privileges, and be subject to all of the duties, of a bicycle or the operator of a bicycle, **including s. 316.2065**.

An electric bicycle is a vehicle to the same extent as a bicycle.



Before They Ride: E-Bike Safety for Kids



FDOT

TARGET ZERO
FATALITIES & SERIOUS INJURIES

for more information please visit:

https://www.safekids.org/bike

https://alerttodayflorida.com/

https://floridalel.info/resources/e-bike


TREK
TREK
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ZERO FATALITIES
& SERIOUS INJURIES
ON FL ROADWAYS
EVERYONE
HAS SOMETHING
TO GET HOME TO
FDOT
TARGET
ZERO