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ASSEMBLY BILL NO. 23—COMMITTEE  
ON GROWTH AND INFRASTRUCTURE

(ON BEHALF OF THE DEPARTMENT OF MOTOR VEHICLES)

PREFILED NOVEMBER 16, 2018

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Referred to Committee on Growth and Infrastructure

SUMMARY—Authorizes Department of Motor Vehicles to adopt regulations relating to certain electronically controlled vehicles and transportation devices. (BDR 43-365)

FISCAL NOTE: Effect on Local Government: No.  
Effect on the State: Yes.

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EXPLANATION – Matter in *bolded italics* is new; matter between brackets ~~omitted material~~ is material to be omitted.

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AN ACT relating to transportation; authorizing the Department of Motor Vehicles to adopt regulations related to the operation and testing of certain electronically controlled vehicles and transportation devices other than autonomous vehicles; and providing other matters properly relating thereto.

**Legislative Counsel's Digest:**

Existing law authorizes the Department of Motor Vehicles to adopt regulations relating to the operation and testing of autonomous vehicles on highways within this State. (NRS 482A.100) This bill: (1) classifies certain vehicles and transportation devices that are remotely controlled or otherwise electronically controlled but do not fall within the definition of autonomous vehicle under existing law as alternative electronic transportation system vehicles; and (2) authorizes the Department to adopt regulations relating to the operation and testing of such vehicles and transportation devices. **Sections 3 and 4** of this bill define alternative electronic transportation system vehicles. **Section 9** of this bill authorizes the Department to adopt regulations relating to the operation and testing of alternative electronic transportation system vehicles on highways and premises to which the public has access in this State.

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THE PEOPLE OF THE STATE OF NEVADA, REPRESENTED IN  
SENATE AND ASSEMBLY, DO ENACT AS FOLLOWS:

**Section 1.** Title 43 of NRS is hereby amended by adding thereto a new chapter to consist of the provisions set forth as sections 2 to 9, inclusive, of this act.

**Sec. 2.** *As used in this chapter, unless the context otherwise requires, the words and terms defined in sections 3 to 8, inclusive, of this act have the meanings ascribed to them in those sections.*

**Sec. 3. 1.** *“Alternative electronic transportation system” means any hardware or software which is installed within a vehicle or a mobile transportation device that:*

*(a) Allows a person in a vehicle on a highway to control the mechanical operations of the vehicle, including, without limitation, braking, steering and adjusting the throttle, without the person physically touching the braking, steering, throttle or other controls of the vehicle;*

*(b) Allows a person outside of a vehicle on a highway to remotely operate the mechanical operations of the vehicle, including, without limitation, braking, steering and adjusting the throttle;*

*(c) Allows a person to remotely operate the mechanical operations of a vehicle or mobile transportation device on a highway or on premises to which the public has access, including, without limitation, braking, steering and adjusting the throttle, by means of a computer, mobile device, tablet or any other electronic device;*

*(d) Allows a person to program a mobile transportation device to operate along various routes, without the active control or monitoring by the person on premises to which the public has access; or*

*(e) Allows for a vehicle or mobile transportation device on a highway or on premises to which the public has access to be operated remotely or without the active control or monitoring of a person in a way that is outside the scope of an automated driving system.*

**2.** *The term does not include an automated driving system.*

**3.** *As used in this section, “automated driving system” has the meaning ascribed to it in NRS 482A.025.*

**Sec. 4.** *“Alternative electronic transportation system vehicle” means a vehicle or mobile transportation device equipped with an alternative electronic transportation system.*

**Sec. 5.** *“Highway” has the meaning ascribed to it in NRS 482A.040.*



1     **Sec. 6.** *“Mobile transportation device” means a device*  
2 *capable of being equipped with an alternative electronic*  
3 *transportation system that is not a vehicle and in, upon or by*  
4 *which any property is or may be transported or drawn upon*  
5 *premises to which the public has access.*

6     **Sec. 7.** *“Premises to which the public has access” has the*  
7 *meaning ascribed to it in NRS 484A.185.*

8     **Sec. 8.** *“Vehicle” has the meaning ascribed to it in*  
9 *NRS 484A.320.*

10    **Sec. 9.** *1. The Department may adopt regulations*  
11 *authorizing the operation and testing of alternative electronic*  
12 *transportation system vehicles on highways and premises to which*  
13 *the public has access within the State of Nevada.*

14    *2. The regulations adopted pursuant to subsection 1 must:*

15    *(a) Set forth requirements that an alternative electronic*  
16 *transportation system vehicle must meet before it may be operated*  
17 *on a highway or premises to which the public has access within*  
18 *this State;*

19    *(b) Set forth requirements for the insurance that is required to*  
20 *test or operate an alternative electronic transportation system*  
21 *vehicle on a highway or premises to which the public has access*  
22 *within this State;*

23    *(c) Establish minimum safety standards for alternative*  
24 *electronic transportation system vehicles and their operation; and*

25    *(d) Set forth such other requirements as the Department*  
26 *determines to be necessary.*

27    **Sec. 10.** This act becomes effective upon passage and  
28 approval.

