

Amendment No.

CHAMBER ACTION

Senate

House

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1 Representative Brandes offered the following:

2  
3 **Amendment (with title amendment)**

4 Between lines 4568 and 4569, insert:

5 Section 95. Vehicles equipped with autonomous technology;  
6 intent.-

7 (1) As used in this section, the term "autonomous  
8 technology" means technology installed on a motor vehicle that  
9 has the capability to drive the vehicle on which the technology  
10 is installed without the active control or monitoring by a human  
11 operator. The term excludes a motor vehicle enabled with active  
12 safety systems or driver assistance systems, including, without  
13 limitation, a system to provide electronic blind spot  
14 assistance, crash avoidance, emergency braking, parking  
15 assistance, adaptive cruise control, lane keep assistance, lane  
16 departure warning, or traffic jam and queuing assistant, unless

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17 any such system alone or in combination with other systems  
18 enables the vehicle on which the technology is installed to  
19 drive without the active control or monitoring by a human  
20 operator.

21 (2) It is the intent of the Legislature to encourage the  
22 safe development, testing, and operation of motor vehicles with  
23 autonomous technology on the public roads of the state. The  
24 Legislature finds that the state does not prohibit or  
25 specifically regulate the testing or operation of autonomous  
26 technology in motor vehicles on public roads.

27 Section 96. Subsection (89) is added to section 316.003,  
28 Florida Statutes, to read:

29 316.003 Definitions.—The following words and phrases, when  
30 used in this chapter, shall have the meanings respectively  
31 ascribed to them in this section, except where the context  
32 otherwise requires:

33 (89) AUTONOMOUS VEHICLE.—Any vehicle equipped with  
34 autonomous technology. The term "autonomous technology" means  
35 technology installed on a motor vehicle that has the capability  
36 to drive the vehicle on which the technology is installed  
37 without the active control or monitoring by a human operator.  
38 The term excludes a motor vehicle enabled with active safety  
39 systems or driver assistance systems, including, without  
40 limitation, a system to provide electronic blind spot  
41 assistance, crash avoidance, emergency braking, parking  
42 assistance, adaptive cruise control, lane keep assistance, lane  
43 departure warning, or traffic jam and queuing assistant, unless  
44 any such system alone or in combination with other systems

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45 enables the vehicle on which the technology is installed to  
46 drive without the active control or monitoring by a human  
47 operator.

48 Section 97. Section 316.85, Florida Statutes, is created  
49 to read:

50 316.85 Autonomous vehicles; operation.-

51 (1) A person who possesses a valid driver license may  
52 operate an autonomous vehicle in autonomous mode.

53 (2) For purposes of this chapter, unless the context  
54 otherwise requires, a person shall be deemed to be the operator  
55 of an autonomous vehicle operating in autonomous mode when the  
56 person causes the vehicle's autonomous technology to engage,  
57 regardless of whether the person is physically present in the  
58 vehicle while the vehicle is operating in autonomous mode.

59 Section 98. Section 319.145, Florida Statutes, is created  
60 to read:

61 319.145 Autonomous vehicles.-

62 (1) An autonomous vehicle registered in this state must  
63 continue to meet federal standards and regulations for a motor  
64 vehicle. The vehicle shall:

65 (a) Have a means to engage and disengage the autonomous  
66 technology which is easily accessible to the operator.

67 (b) Have a means, inside the vehicle, to visually indicate  
68 when the vehicle is operating in autonomous mode.

69 (c) Have a means to alert the operator of the vehicle if a  
70 technology failure affecting the ability of the vehicle to  
71 safely operate autonomously is detected while the vehicle is

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72 operating autonomously in order to indicate to the operator to  
73 take control of the vehicle.

74 (d) Be capable of being operated in compliance with the  
75 applicable traffic and motor vehicle laws of this state.

76 (2) Federal regulations promulgated by the National  
77 Highway Traffic Safety Administration shall supersede this  
78 section when found to be in conflict with this section.

79 Section 99. (1) Vehicles equipped with autonomous  
80 technology may be operated on roads in this state by employees,  
81 contractors, or other persons designated by manufacturers of  
82 autonomous technology for the purpose of testing the technology.  
83 For testing purposes, a human operator shall be present in the  
84 autonomous vehicle such that he or she has the ability to  
85 monitor the vehicle's performance and intervene, if necessary,  
86 unless the vehicle is being tested or demonstrated on a closed  
87 course. Prior to the start of testing in this state, the entity  
88 performing the testing must submit to the Department of Highway  
89 Safety and Motor Vehicles an instrument of insurance, surety  
90 bond, or proof of self-insurance acceptable to the department in  
91 the amount of \$5 million.

92 (2) By February 12, 2014, the Department of Highway Safety  
93 and Motor Vehicles shall submit a report to the President of the  
94 Senate and the Speaker of the House of Representatives  
95 recommending additional legislative or regulatory action that  
96 may be required for the safe testing and operation of motor  
97 vehicles equipped with autonomous technology.

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100 **T I T L E A M E N D M E N T**

101 Remove line 506 and insert:  
102 made by the act; defining the term "autonomous  
103 technology"; providing legislative intent and  
104 findings; amending s. 316.003, F.S.; defining the  
105 terms "autonomous vehicle" and "autonomous technology"  
106 when used in provisions for traffic control; creating  
107 s. 316.85, F.S.; authorizing a person who possesses a  
108 valid driver license to operate an autonomous vehicle;  
109 specifying that the person who causes the vehicle's  
110 autonomous technology to engage is the operator;  
111 creating s. 319.145, F.S.; requiring an autonomous  
112 vehicle registered in this state to meet federal  
113 standards and regulations for a motor vehicle;  
114 specifying certain requirements for such vehicle;  
115 providing for the application of certain federal  
116 regulations; authorizing the operation of vehicles  
117 equipped with autonomous technology by certain persons  
118 for testing purposes under certain conditions;  
119 requiring an instrument of insurance, surety bond, or  
120 self-insurance prior to the testing of a vehicle;  
121 directing the department to prepare a report on the  
122 safe testing and operation of vehicles equipped with  
123 autonomous technology and submit the report to the  
124 Legislature by a certain date; providing effective  
125 dates.

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