

SENATE BILL NO. 110—SENATORS GOICOECHEA, BUCK AND STONE

FEBRUARY 8, 2023

JOINT SPONSOR: ASSEMBLYMAN GURR

Referred to Committee on Growth and Infrastructure

SUMMARY—Revises provisions governing the operation of vehicles on certain highways in the State of Nevada. (BDR 43-593)

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

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

AN ACT relating to public safety; requiring vehicles operating on certain highways in this State with one lane for traveling in each direction to display daytime running lamps or lighted lamps and illuminating devices under certain circumstances; revising certain provisions governing the requirements for lamps and other equipment on vehicles and implements of husbandry during certain times and conditions; and providing other matters properly relating thereto.

Legislative Counsel’s Digest:

1 Existing law requires every vehicle on a highway of this State, with certain
2 exceptions for parked vehicles, to display lighted lamps and illuminating devices as
3 respectively required for different classes of vehicles during defined conditions: (1)
4 at any time from one-half hour after sunset to one-half hour before sunrise; (2) at
5 any other time when persons and vehicles on the highway are not clearly
6 discernible at a distance of 1,000 feet ahead; and (3) when directed by an official
7 traffic control device. Existing law also prescribes certain requirements for lamps
8 and other equipment on vehicles and implements of husbandry during those times
9 or conditions. (NRS 484D.100, 484D.105, 484D.165, 484D.170, 484D.175,
10 484D.215, 484D.220, 484D.460) **Section 1** of this bill requires that when one of
11 those times or conditions does not apply, every vehicle operating upon a highway
12 of this State that has one lane for traveling in each direction, except for a street,
13 must display the daytime running lamps, as defined by federal regulation, or lighted
14 lamps and illuminating devices while operating on such a highway. (49 C.F.R. §



15 571.108; NRS 484D.100) **Sections 2-8** of this bill make conforming changes to
16 clarify the times and conditions during which the requirements for certain lamps
17 and other equipment on vehicles apply.

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

1 **Section 1.** NRS 484D.100 is hereby amended to read as
2 follows:

3 484D.100 1. Every vehicle upon a highway of this State,
4 subject to exceptions with respect to parked vehicles as stated in
5 chapters 484A to 484E, inclusive, of NRS, must display lighted
6 lamps and illuminating devices as respectively required in this
7 chapter for different classes of vehicles:

8 (a) At any time from one-half hour after sunset to one-half hour
9 before sunrise;

10 (b) At any other time when, because of insufficient light or
11 unfavorable atmospheric conditions, persons and vehicles on the
12 highway are not clearly discernible at a distance of 1,000 feet ahead;
13 and

14 (c) When directed by an official traffic control device.

15 2. *During a time or condition to which subsection 1 is not*
16 *applicable, every vehicle upon a highway of this State that has one*
17 *lane for traveling in each direction, except for a street, must*
18 *display daytime running lamps or lighted lamps and illuminating*
19 *devices while operating on such a highway.*

20 3. Every vehicle upon a highway must be equipped with stop
21 lights, turn signals and other signaling devices to be lighted in the
22 manner prescribed for the use of such devices.

23 4. *As used in this section, "daytime running lamps" has the*
24 *meaning ascribed to it in 49 C.F.R. § 571.108.*

25 **Sec. 2.** NRS 484D.105 is hereby amended to read as follows:

26 484D.105 1. Whenever there is a requirement as to distance
27 from which lighted lamps and illuminating devices shall be visible,
28 such requirements shall apply during the times and conditions
29 specified in *subsection 1 of* NRS 484D.100 and measured as though
30 the vehicle were unloaded and upon a straight, level, unlighted
31 highway under normal atmospheric conditions, unless a different
32 time or condition is specified.

33 2. Whenever there is a requirement as to the mounted height of
34 such lamps or devices, such height shall be measured from the
35 center of the lamp or device to the level ground upon which the
36 vehicle stands when the vehicle is unloaded.



1 **Sec. 3.** NRS 484D.165 is hereby amended to read as follows:

2 484D.165 1. Every vehicle shall be equipped with one or
3 more lamps which, when lighted, shall display a white or amber
4 light visible from a distance of 500 feet to the front of the vehicle,
5 and one or more lamps which, when lighted, shall display a red light
6 visible from a distance of 500 feet to the rear of the vehicle. The
7 location of such lamps shall be such that at least one such lamp is
8 installed as near as practicable to the side of the vehicle which is
9 closest to passing traffic.

10 2. Whenever a vehicle is parked upon the traveled portion of a
11 highway during the times ~~mentioned~~ and conditions specified in
12 *subsection 1 of* NRS 484D.100 and there is sufficient light to reveal
13 any person or object within a distance of 1,000 feet upon such
14 highway, no lights need be displayed upon such parked vehicle.

15 3. Whenever a vehicle is parked or stopped upon the traveled
16 portion of a highway or shoulder adjacent thereto, whether attended
17 or unattended during the times ~~mentioned~~ and conditions
18 *specified in subsection 1 of* NRS 484D.100, and there is insufficient
19 light to reveal any person or object within a distance of 1,000 feet
20 upon such highway or roadway, such vehicle shall display lighted
21 lamps meeting the requirements of subsection 1.

22 4. Any lighted headlamps upon a parked vehicle shall be
23 depressed or dimmed.

24 **Sec. 4.** NRS 484D.170 is hereby amended to read as follows:

25 484D.170 1. Every implement of husbandry manufactured
26 after January 1, 1970, shall be equipped with vehicular hazard-
27 warning lamps of a type described in NRS 484D.205, visible from a
28 distance of not less than 1,000 feet to the front and rear in normal
29 sunlight, which shall be displayed whenever any such vehicle is
30 operated upon a highway.

31 2. Every implement of husbandry manufactured after
32 January 1, 1970, shall at all times, and every other such vehicle
33 shall, during the times ~~mentioned~~ and conditions specified in
34 *subsection 1 of* NRS 484D.100, be equipped with lamps and
35 reflectors as follows:

36 (a) At least two headlamps meeting the requirements of
37 NRS 484D.210.

38 (b) At least one red lamp visible when lighted from a distance of
39 not less than 1,000 feet to the rear, mounted as far to the left of the
40 center of the vehicle as practicable.

41 (c) At least two red reflectors visible from all distances within
42 600 feet to 100 feet to the rear when directly in front of lawful lower
43 beams of headlamps.

44 3. Every combination of farm tractor and towed implement of
45 husbandry shall at all times ~~mentioned~~ and conditions specified in



1 **subsection 1 of** NRS 484D.100 be equipped with lamps and
2 reflectors as follows:

3 (a) The farm tractor shall be equipped as required in subsections
4 1 and 2.

5 (b) If the towed unit extends more than 4 feet to the rear of the
6 tractor or obscures any lamp on the tractor, such unit shall be
7 equipped on the rear with at least two red reflectors visible from all
8 distances within 600 feet to 100 feet to the rear when directly in
9 front of lawful lower beams of headlamps.

10 (c) If the towed unit extends more than 4 feet to the left of the
11 centerline of the tractor, such unit shall be equipped on the front
12 with an amber reflector visible from all distances within 600 feet to
13 100 feet to the front when directly in front of lawful beams of
14 headlamps. Such reflector shall be so positioned as to indicate, as
15 nearly as practicable, the extreme left projection of the towed unit.

16 4. The two red reflectors required by subsection 3 shall be so
17 positioned as to show from the rear, as nearly as practicable, the
18 extreme width of the vehicle or combination carrying them.

19 **Sec. 5.** NRS 484D.175 is hereby amended to read as follows:

20 484D.175 All vehicles including animal-drawn vehicles not
21 otherwise specifically required to be equipped with lamps, shall at
22 all times **and conditions** specified in **subsection 1 of** NRS 484D.100
23 be equipped with at least one lamp displaying a white light visible
24 from a distance of not less than 500 feet to the front of the vehicle
25 and two lamps displaying a red light visible from a distance of not
26 less than 500 feet to the rear of the vehicle or one lamp displaying a
27 red light visible from a distance of not less than 500 feet to the rear
28 and two red reflectors visible from all distances of 600 to 100 feet to
29 the rear when illuminated by the lawful lower beams of headlamps.

30 **Sec. 6.** NRS 484D.215 is hereby amended to read as follows:

31 484D.215 Whenever a motor vehicle is being operated on the
32 traveled portion of the highway, or shoulder adjacent thereto, during
33 the times **and conditions** specified in **subsection 1 of** NRS
34 484D.100, the driver shall use a distribution of light, or composite
35 beam, directed high enough and of sufficient intensity to reveal
36 persons and vehicles at a safe distance in advance of the vehicle,
37 subject to the following requirements and limitations:

38 1. Whenever a driver of a vehicle approaches an oncoming
39 vehicle within 500 feet, the driver shall use a distribution of light, or
40 composite beam, so aimed that the glaring rays are not projected
41 into the eyes of the oncoming driver. The lowermost distribution of
42 light, or composite beam, specified in subsection 2 of NRS
43 484D.210 shall be deemed to avoid glare at all times, regardless of
44 road contour and loading.



1 2. Whenever the driver of a vehicle follows another vehicle
2 within 300 feet to the rear, the driver shall use a distribution of light
3 permissible under this chapter other than the uppermost distribution
4 of light specified in subsection 1 of NRS 484D.210.

5 **Sec. 7.** NRS 484D.220 is hereby amended to read as follows:

6 484D.220 1. At all times *and conditions* specified in
7 *subsection 1 of* NRS 484D.100, a lighted headlamp or headlamps
8 meeting the requirements of NRS 484D.110 shall be displayed on a
9 motor vehicle except when the vehicle is parked.

10 2. Whenever a motor vehicle equipped with headlamps is also
11 equipped with any auxiliary lamps, spot lamp or any other lamp on
12 the front projecting a beam of intensity greater than 300 candle
13 power, not more than a total of four of any such lamps may be
14 lighted at one time when upon a highway.

15 3. A motor vehicle may be equipped with headlamps that are
16 high-intensity discharge lamps if such headlamps have a correlated
17 color temperature of not less than 5,000 kelvins and not more than
18 6,000 kelvins.

19 4. The provisions of subsection 3 do not apply to the extent
20 preempted by federal law.

21 5. As used in this section, "high-intensity discharge lamp" has
22 the meaning ascribed to it in 10 C.F.R. § 431.282.

23 **Sec. 8.** NRS 484D.460 is hereby amended to read as follows:

24 484D.460 1. Every bus, truck and truck-tractor and every
25 combination of vehicles 80 inches or more in overall width, except
26 implements of husbandry, shall be equipped with at least three pot
27 torches, three red electric lanterns or three red emergency reflectors.

28 2. Except as otherwise provided in subsections 3, 4 and 5,
29 when any such vehicle is disabled on any portion of the traveled
30 portion of a highway during any time *or condition* specified in
31 *subsection 1 of* NRS 484D.100, such torches, lanterns or reflectors
32 shall be placed as soon as possible as follows:

33 (a) One at the traffic side of the vehicle, not more than 10 feet to
34 the front or rear thereof;

35 (b) One at a distance of approximately 100 feet to the rear of the
36 disabled vehicle in the center of the traffic lane occupied by such
37 vehicle; and

38 (c) One at a distance of approximately 100 feet to the front of
39 the vehicle in the center of the traffic lane occupied by such vehicle.

40 3. If the vehicle is disabled within 500 feet of a curve, crest of
41 a hill or other obstruction to view, the torch, lantern or reflector to
42 be placed in that direction shall be placed so as to afford ample
43 warning to other users of the highway, but not less than 100 feet or
44 more than 500 feet from the vehicle.



1 4. When any such vehicle is disabled on any portion of the
2 traveled portion of a one-way highway with two or more traffic
3 lanes during any time *or condition* specified in *subsection 1 of* NRS
4 484D.100, such torches, lanterns or reflectors shall be placed as
5 soon as possible as provided in subsection 2, except that the torch,
6 lantern or reflector to be placed at the front of the vehicle shall be
7 placed 200 feet to the rear of the vehicle.

8 5. When any such vehicle is disabled or parked off the traveled
9 portion of a highway, but within 10 feet of such portion, during any
10 time *or condition* specified in *subsection 1 of* NRS 484D.100, such
11 torches, lanterns or reflectors shall be placed as soon as possible as
12 follows:

13 (a) One at the traffic side of the vehicle not more than 10 feet to
14 the rear of the vehicle;

15 (b) One at a distance of approximately 100 feet to the rear of the
16 vehicle; and

17 (c) One at a distance of approximately 200 feet to the rear of the
18 vehicle.

19 6. When any such vehicle is equipped with front turn signals
20 which flash simultaneously and rear turn signals which flash
21 simultaneously or with fusees, such turn signals shall be
22 immediately operated or such fusees shall be placed as provided in
23 this section for the placing of torches, lanterns or reflectors until
24 such torches, lanterns or reflectors have been placed.



