

SECOND REGULAR SESSION

SENATE BILL NO. 1477

103RD GENERAL ASSEMBLY

INTRODUCED BY SENATOR NICOLA.

6236S.01I

KRISTINA MARTIN, Secretary

AN ACT

To repeal section 307.128, RSMo, and to enact in lieu thereof one new section relating to motorcycle auxiliary lighting.

Be it enacted by the General Assembly of the State of Missouri, as follows:

Section A. Section 307.128, RSMo, is repealed and one new section enacted in lieu thereof, to be known as section 307.128, to read as follows:

307.128. 1. A headlamp on a motorcycle may be wired to modulate either the upper beam or the lower beam from its maximum intensity to a lesser intensity provided that:

4 (1) The rate of modulation shall be two hundred forty plus or minus forty cycles per minute;

6 (2) The headlamp shall be operated at a maximum power for fifty to seventy percent of each cycle;

8 (3) The lowest intensity at any test point shall not be less than seventeen percent of the maximum intensity measured at the same point;

11 (4) The modulator switch shall be wired in the power lead of the beam filament being modulated and not in the ground side of the circuit;

14 (5) Means shall be provided so that both the lower beam and the upper beam remain operable in the event of a modulation failure;

EXPLANATION-Matter enclosed in bold-faced brackets [thus] in this bill is not enacted and is intended to be omitted in the law.

29 (7) Means shall be provided so that both the lower and
30 upper beam function at design voltage when the headlamp
31 control switch is in either the lower or upper beam position
32 when the modulator is off.

33 2. Each motorcycle headlamp modulator not intended as
34 original equipment, or its container, shall be labeled with
35 the maximum wattage, and the minimum wattage appropriate for
36 its use. Additionally, each such modulator shall comply
37 with the provisions of subdivisions (1) to (7) of subsection
38 1 of this section when connected to a headlamp of the
39 maximum-rated power and headlamp of the minimum-rated power,
40 and shall provide means so that the modulated beam functions
41 at design voltage when the modulator is off. Instructions,
42 with a diagram, shall be provided for mounting the light
43 sensor including location on the motorcycle, distance above
44 the road surface, and orientation with respect to the light.

45 3. Notwithstanding any other provision of law, subject
46 to the requirements of subsection 4 of this section, a
47 motorcycle may be equipped with, and an operator of a
48 motorcycle may use, the following auxiliary lighting:

49 (1) [Amber and white] **Any color** illumination;
50 (2) Standard bulb running lights; or
51 (3) Light-emitting diode pods and strips.

52 4. Lighting under subsection 3 of this section shall
53 be:

54 (1) Nonblinking;
55 (2) Nonflashing;
56 (3) Nonoscillating; and
57 (4) Directed toward the engine and the drive train of
58 the motorcycle to prevent interference with the driver's
59 operation of the vehicle.

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