

**Legislative Regulation  
Review Committee**

2008-068a

Department of Motor Vehicles

**FRAME WEAKING STANDARDS**

IMPORTANT: Read instructions on bottom of Certification Page before completing this form. Failure to comply with instructions may cause disapproval of proposed Regulations.

# STATE OF CONNECTICUT

Regulation  
of

## Department of Motor Vehicles

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### Frame Weakening Standards

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**Section 1.** The Regulations of Connecticut State Agencies are amended by adding Sections 14-271a-1 and 14-271a-2, as follows:

**(NEW) Sec. 14-271a-1. Definitions**

As used in this section and section 14-271a-2 of the Regulations of Connecticut State Agencies:

1. "Body" means the occupant and cargo carrying portion of a vehicle including the sides, floor and permanent type roof, but does not include that portion of the floor on unibody vehicles that contains structural shapes or where it has structural pieces welded to it;
2. "Chassis" means the frame, suspension and related components that support the body of a motor vehicle;
3. "Commercial motor vehicle" means "commercial motor vehicle" as defined in section 14-1 of the Connecticut General Statutes;
4. "Flange" means that portion of a frame rail or stamped structural shape that forms the bottom or top horizontal portion of the frame member.
5. "Frame" means that portion of a motor vehicle chassis that supports the weight of the body and drive train on the suspension, including individual frame members and stamped structural shapes in unibody vehicles;
6. "I-CAR Standards" means policies, procedures, and practices contained in the Collision Repair Manuals published by the Inter-Industry Conference on Auto Collision Repair, 5125 Trillium Blvd., Hoffman Estates, IL 60192;
7. "Light duty motor vehicle" means any motor vehicle other than a commercial motor vehicle; and
8. "Subframe" means an independent frame member that is discontinuous at some point between the front and rear axles.

**(NEW) Sec. 14-271a-2. Frame weakening standards**

No motor vehicle shall be operated on any public highway, nor shall any motor vehicle pass any safety inspection conducted by the commissioner of motor vehicles under authority of any provision of the Connecticut General Statutes or the Regulations of Connecticut State Agencies, if the vehicle frame fails to meet any of the following standards:

1. The frame or chassis of each motor vehicle shall not be cracked, loose, sagging or broken;
2. Bolts, brackets, or welds securing the cab or the body of the vehicle to the frame or subframe must not be loose, broken, or missing;
3. The frame flanges between the axles shall not be bent, cut or notched, except as specified by the commercial motor vehicle manufacturer of the vehicle in question or, if the vehicle in question is a light duty motor vehicle, in accordance with either the I-CAR Standards or the recommendations of the manufacturer of the motor vehicle in question;
4. The frame flanges shall not be rusted such that any corrosive scaling or flaking has reduced the solid metal of the flange by fifty percent or more;
5. No holes shall be drilled in the top or bottom frame flanges, except as specified by the commercial motor vehicle manufacturer of the vehicle in question or, if the vehicle in question is a light duty motor vehicle, in accordance with I-CAR Standards;
6. No rust perforation holes shall be allowed in the top or bottom flanges; or

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7. Parts and accessories shall not be welded to the frame or chassis of a motor vehicle except in accordance with the recommendations of the commercial motor vehicle manufacturer of the vehicle in question or, if the vehicle in question is a light duty motor vehicle, in accordance with either the I-CAR Standards or the recommendations of the manufacturer of the motor vehicle in question.

**Statement of Purpose:** To establish limits for the weakening of vehicle frames or equivalent structures. This regulation was mandated by PA 99-268.

**Summary of Main Provision's:** Section one provides definitions describing various parts of a vehicles body and sources of technical data and standards to be followed in repairing or modifying motor vehicle frames.

Section two establishes the standards that a Vehicle frame must meet if the vehicle is to be operated on any public highway.

**Legal Effects:** Standards are being established which will provide for the ability to prohibit vehicles with weakened frames from being operated on any public highway.

Be it known that the foregoing:

Regulations  Emergency Regulations are:  
 Adopted  Amended as hereinabove stated  Repealed

By the aforesaid agency pursuant to:

Section 14-271a of the Connecticut General Statutes.

Section 14-\_\_\_\_\_ of the Connecticut General Statutes, as amended by Section \_ of Public Act. No. \_ of the Public Acts.

Public Act. No. \_\_\_\_\_ of the Public Acts.

After publication in the Connecticut Law Journal on February 26, 2008 of the notice of the proposal to:

Adopt  Amend  Repeal such regulations

(If applicable):  And the holding of an advertised public hearing on \_\_ day of \_\_ 2007.

WHEREFORE, the foregoing regulations are hereby:

Adopted  Amended as hereinabove stated  Repealed

Effective:

When filed with the Secretary of the State.

(OR)

The \_\_\_\_\_ day of \_\_\_\_\_ 2007.

|   |                |  |   |
|---|----------------|--|---|
| In Witness Whereof:   | Date<br>6-6-08 | SIGNED (Head of Board, Agency or Commission)<br><i>[Signature]</i> | OFFICIAL TITLE, DULY AUTHORIZED<br>COMMISSIONER         |
| Approved by the Attorney General as to legal sufficiency in accordance with Sec. 4-169, as amended, C.G.S.: |                | SIGNED<br><i>[Signature]</i> 11/4/08                               | OFFICIAL TITLE, DULY AUTHORIZED<br>ASSOC. ATTY. GENERAL |

Approved

Disapproved

Disapproved in part, (Indicate Section Numbers disapproved only)

Rejected without prejudice. *[Signature]*

|   |                 |   |
|---|-----------------|---|
| The Legislative Review Committee in accordance with Sec. 4-170, as amended, of the Connecticut General Statutes | DATE<br>1/29/09 | SIGNED (Clerk of the Legislative Regulation Review Committee)<br><i>[Signature]</i> |
|---|-----------------|---|

Two certified copies received and filed, and one such copy forwarded to the Commission on Official Legal Publications in accordance with Section 4-172, as amended, of the Connecticut General Statutes.

|      |                                 |    |
|------|---------------------------------|----|
| DATE | SIGNED (Secretary of the State) | BY |
|------|---------------------------------|----|

## INSTRUCTIONS

One copy of all regulations for adoption, amendment or repeal, except emergency regulations, must be presented to the Attorney General for his determination of legal sufficiency. Section 4-169 of the Connecticut General Statutes.

Seventeen copies of all regulations for adoption, amendment or repeal, except emergency regulations, must be presented to the standing Legislative Regulation Review Committee for its approval. Section 4-170 of the Connecticut General Statutes.

Each regulation must be in the form intended for publication and must include the appropriate regulation section number and section heading. Section 4-172 of the Connecticut General Statutes.

Indicate by "(NEW)" in heading if new regulation. Amended regulations must contain new language in underlined and deleted language in brackets. Section 4-170 of the Connecticut General Statutes.

Be it known that the foregoing:

[X] Regulations [ ] Emergency Regulations are:  
[X] Adopted [ ] Amended as hereinabove stated [ ] Repealed

By the aforesaid agency pursuant to:

[X] Section 14-271a of the Connecticut General Statutes.

[ ] Section 14-\_\_\_\_\_ of the Connecticut General Statutes, as amended by Section \_ of Public Act. No. \_ of the Public Acts.

Public Act. No. \_\_\_\_\_ of the Public Acts.

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[X] Adopt [ ] Amend [ ] Repeal such regulations

(If applicable): [ ] And the holding of an advertised public hearing on \_\_\_ day of \_\_\_ 2007.

WHEREFORE, the foregoing regulations are hereby:

[X] Adopted [ ] Amended as hereinabove stated [ ] Repealed

Effective:

[ X ] When filed with the Secretary of the State.

(OR)

[ ] The \_\_\_ day of \_\_\_\_\_ 2007.

|   |                |  |  |
|---|----------------|--|--|
| In Witness Whereof:   | Date<br>3-5-09 | SIGNED (Head of Board, Agency or Commission)<br><i>[Signature]</i> | OFFICIAL TITLE, DULY AUTHORIZED<br>COMMISSIONER        |
| Approved by the Attorney General as to legal sufficiency in accordance with Sec. 4-169, as amended, C.G.S.: |                | SIGNED<br><i>[Signature]</i> 4/6/09                                | OFFICIAL TITLE, DULY AUTHORIZED<br>ASSOC. ATTY GENERAL |

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