

Sec. 14-137-25. Limitations

Each “passenger motor vehicle” as defined in subdivision (35) of section 14-1 of the General Statutes operating on the highways of this state shall be equipped with a suspension system that complies with the following:

(a) **Vehicle suspension configuration.** Each motor vehicle shall be equipped with a suspension system consisting of the basic elements originally provided by the vehicle manufacturer and geometrically arranged in accordance with the manufacturer’s specifications. No suspension system component shall be replaced unless such replacement component meets or exceeds the quality and performance standards established by the vehicle manufacturer and the safe operating characteristics of the vehicle on which such replacement component is installed are not adversely affected by such installation.

(b) **Height adjustment limitations.** No additional devices shall be installed or equipment substitutions made at any location on any motor vehicle when such installation or addition either:

(1) Raises the sprung portion of the vehicle in excess of four (4) inches above the vehicle’s unladen height as established by the vehicle manufacturer; or,

(2) Lowers any part of the sprung portion of the vehicle so as to reduce the vertical clearance, between the sprung portion of the vehicle and a level surface on which it rests unladen, to less than four (4) inches.

(c) **Spring replacement limitation.** No suspension springs which have a load carrying capacity or spring rate below that specified by the vehicle manufacturer shall be installed on any vehicle.

(d) **Shock absorber mounting limitation.** No shock absorber shall be installed in any manner which will allow it to reach its extreme stroke limitation while the vehicle is being operated.

(e) **Tires – Limitation.** All tires on the same axle or on axles which are less than six feet apart must be of the same tire size with respect to diameter and maximum width. Each such tire shall have a load carrying capacity specified by the tire manufacturer in excess of the intended maximum axle load divided by the number of tires on the axle. Federal Motor Vehicle Safety Standard No. 571.109 shall apply in establishing the load capabilities of tires.

(f) **Wheel track distance.** No modification of a vehicle suspension system geometry shall result in any reduction of such vehicle’s wheel track distance.

(Effective August 29, 1990)