

the vehicle is below 50 percent of the air compressor governor cut-out pressure. In addition, the vehicle shall be equipped with a pressure gauge visible to the driver, which indicates in pounds per square inch the pressure available for braking.

(2) Vacuum Brakes. After June 1, 1971, every truck tractor and truck used for towing a vehicle equipped with vacuum operated brakes and every truck with three or more axles using vacuum in the operation of its brakes, except those in driveaway or towaway operations, shall be equipped with a warning signal, other than a gauge indicating vacuum, readily audible or visible to the driver, which will operate at any time the vacuum in the vehicle's supply reservoir or reserve capacity is less than 8 inches of mercury.

(3) Combination of Warning Devices. When a vehicle required to be equipped with a warning device is equipped with both air and vacuum power for the operation of its own brakes or the brakes on a towed vehicle, the warning devices may be, but are not required to be, combined into a single device that serves both purposes. A gauge or gauges indicating pressure or vacuum is not an adequate means of satisfying this requirement.

(L) (1) IN THIS SUBSECTION, "SURGE BRAKES" MEANS A BRAKING SYSTEM DESIGNED TO ACTIVATE THE BRAKES OF A VEHICLE BEING TOWED AS A RESULT OF THE FORWARD PRESSURE OF THE VEHICLE AGAINST THE TOWING VEHICLE DURING DECELERATION.

(2) A TRAILER OR SEMITRAILER MAY BE EQUIPPED WITH SURGE BRAKES IF:

(I) THE TRAILER OR SEMITRAILER HAS A MANUFACTURER'S GROSS VEHICLE WEIGHT RATING, OR REGISTERED WEIGHT, WHICHEVER IS LESS, OF 10,000 POUNDS OR LESS;

(II) THE COMBINED GROSS VEHICLE WEIGHT RATING, COMBINED REGISTERED WEIGHT, AND THE GROSS COMBINATION WEIGHT OF THE TRAILER OR SEMITRAILER AND THE TOWING VEHICLE IS 26,000 POUNDS OR LESS;

(III) THE VEHICLE OR COMBINATION OF VEHICLES IS NOT DESIGNED OR USED TO TRANSPORT 16 OR MORE PASSENGERS INCLUDING THE DRIVER OF THE TOWING VEHICLE;

(IV) THE ACTUAL GROSS WEIGHT OF THE TRAILER OR SEMITRAILER AND LOAD DOES NOT EXCEED THE MANUFACTURER'S GROSS VEHICLE WEIGHT RATING OR REGISTERED WEIGHT, WHICHEVER IS LESS;

(V) THE ACTUAL GROSS WEIGHT OF THE TOWING VEHICLE AND LOAD DOES NOT EXCEED THE MANUFACTURER'S GROSS VEHICLE WEIGHT RATING OR REGISTERED WEIGHT, WHICHEVER IS LESS;

(VI) THE TRAILER OR SEMITRAILER BRAKES ARE DESIGNED AND CONNECTED IN SUCH A MANNER THAT IN CASE OF ACCIDENTAL BREAKAWAY OF THE TOWED VEHICLE, THE BRAKES WILL APPLY AUTOMATICALLY;