

WILL OPERATE AT ANY TIME THAT THE AIR RESERVOIR PRESSURE OF 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.

REVISOR'S NOTE: This section presently appears as Art. 66 1/2, §12-301 and, as to subsection (a) of this section, Art. 66 1/2, §1-121.

Except for required grammatical corrections and changes in nomenclature, no changes are made; see General Revisor's Note to this title.

#### 22-302. PERFORMANCE ABILITY OF BRAKES.

(A) EVERY MOTOR VEHICLE AND COMBINATION OF VEHICLES, AT ALL TIMES AND UNDER ALL CONDITIONS OF LOADING, ON APPLICATION OF THE SERVICE BRAKE, SHALL BE CAPABLE OF:

(1) DEVELOPING A BRAKING FORCE THAT IS NOT LESS THAN THE PERCENTAGE OF ITS GROSS WEIGHT TABULATED IN SUBSECTION (C) OF THIS SECTION FOR ITS CLASSIFICATION;

(2) DECELERATING TO A STOP FROM NOT MORE THAN 20 MILES AN HOUR AT NOT LESS THAN THE FEET PER SECOND TABULATED IN SUBSECTION (C) OF THIS SECTION FOR ITS CLASSIFICATION; AND

(3) STOPPING FROM A SPEED OF 20 MILES AN HOUR IN NOT MORE THAN THE DISTANCE TABULATED IN SUBSECTION (C) OF THIS SECTION FOR ITS CLASSIFICATION, THIS DISTANCE TO BE MEASURED FROM THE POINT AT WHICH MOVEMENT OF THE SERVICE BRAKE PEDAL OR CONTROL BEGINS.