

**§ 393.209**

period when the vehicle's air pressure gauge shows normal operating pressure.

(g) *Air suspension exhaust controls.* The air suspension exhaust controls must not have the capability to exhaust air from the suspension system of one axle of a two-axle air suspension trailer unless the controls are either located on the trailer, or the power unit and trailer combination are not capable of traveling at a speed greater than 10 miles per hour while the air is exhausted from the suspension system. This paragraph shall not be construed to prohibit—

- (1) Devices that could exhaust air from both axle systems simultaneously; or
- (2) Lift axles on multi-axle units.

[53 FR 49402, Dec. 7, 1988, as amended at 70 FR 48055, Aug. 15, 2005]

**§ 393.209 Steering wheel systems.**

- (a) The steering wheel shall be secured and must not have any spokes cracked through or missing.
- (b) *Steering wheel lash.* (1) The steering wheel lash shall not exceed the following parameters:

Steering wheel diameter	Manual steering system	Power steering system
406 mm or less (16 inches or less) .....	51 mm (2 inches) .....	108 mm (4¼ inches).
457 mm (18 inches) .....	57 mm (2¼ inches) .....	121 mm (4¾ inches).
483 mm (19 inches) .....	60 mm (2⅝ inches) .....	127 mm (5 inches).
508 mm (20 inches) .....	64 mm (2½ inches) .....	133 mm (5¼ inches).
533 mm (21 inches) .....	67 mm (2⅝ inches) .....	140 mm (5½ inches).
559 mm (22 inches) .....	70 mm (2¾ inches) .....	146 mm (5¾ inches).

(2) For steering wheel diameters not listed in paragraph (b)(1) of this section the steering wheel lash shall not exceed 14 degrees angular rotation for manual steering systems, and 30 degrees angular rotation for power steering systems.

(c) *Steering column.* The steering column must be securely fastened.

(d) *Steering system.* Universal joints and ball-and-socket joints shall not be worn, faulty or repaired by welding. The steering gear box shall not have loose or missing mounting bolts or cracks in the gear box or mounting brackets. The pitman arm on the steering gear output shaft shall not be loose. Steering wheels shall turn freely through the limit of travel in both directions.

(e) *Power steering systems.* All components of the power system must be in operating condition. No parts shall be loose or broken. Belts shall not be frayed, cracked or slipping. The system shall not leak. The power steering system shall have sufficient fluid in the reservoir.

[53 FR 49402, Dec. 7, 1988, as amended at 70 FR 48055, Aug. 15, 2005]

**PART 394 [RESERVED]**

**49 CFR Ch. III (10–1–14 Edition)**

**PART 395—HOURS OF SERVICE OF DRIVERS**

- Sec.
- 395.1 Scope of rules in this part.
- 395.2 Definitions.
- 395.3 Maximum driving time for property-carrying vehicles.
- 395.5 Maximum driving time for passenger-carrying vehicles.
- 395.7 [Reserved]
- 395.8 Driver's record of duty status.
- 395.10 [Reserved]
- 395.11–395.12 [Reserved]
- 395.13 Drivers declared out of service.
- 395.15 Automatic on-board recording devices.

AUTHORITY: 49 U.S.C. 504, 31133, 31136, 31137, and 31502; sec. 113, Pub. L. 103–311, 108 Stat. 1673, 1676; sec. 229, Pub. L. 106–159 (as transferred by sec. 4115 and amended by secs. 4130–4132, Pub. L. 109–59, 119 Stat. 1144, 1726, 1743, 1744); sec. 4133, Pub. L. 109–59, 119 Stat. 1144, 1744; sec. 108, Pub. L. 110–432, 122 Stat. 4860–4866; sec. 32934, Pub. L. 112–141, 126 Stat. 405, 830; and 49 CFR 1.87.

SOURCE: 33 FR 19758, Dec. 25, 1968, unless otherwise noted.

EDITORIAL NOTE: Nomenclature changes to part 395 appear at 66 FR 49874, Oct. 1, 2001.

**§ 395.1 Scope of rules in this part.**

- (a) *General.* (1) The rules in this part apply to all motor carriers and drivers,