

RCW 46.37.519 Kit vehicles. (1) For the purposes of this section:

(a) "Kit vehicle" means a passenger car or light truck assembled from a manufactured kit, and is either (i) a kit consisting of a prefabricated body and chassis used to construct a complete vehicle, or (ii) a kit consisting of a prefabricated body to be mounted on an existing vehicle chassis and drivetrain, commonly referred to as a donor vehicle. "Kit vehicle" does not include a vehicle that has been assembled by a manufacturer.

(b) "Major component part" includes at least each of the following vehicle parts: (i) Engines and short blocks; (ii) frame; (iii) transmission or transfer case; (iv) cab; (v) door; (vi) front or rear differential; (vii) front or rear clip; (viii) quarter panel; (ix) truck bed or box; (x) seat; (xi) hood; (xii) bumper; (xiii) fender; and (xiv) airbag.

(2) A kit vehicle must, prior to inspection, contain the following components:

(a) Brakes on all wheels. The service brakes, upon application, must be capable of stopping the vehicle within a twelve-foot lane and (i) developing an average tire to road retardation force of not less than 52.8 percent of the gross vehicle weight, (ii) decelerating the vehicle at a rate of not less than seventeen feet per second, or (iii) stopping the vehicle within a distance of twenty-five feet from a speed of twenty miles per hour. Tests must be made on a level, dry, concrete or asphalt surface free from loose material;

(b) Brake hoses that comply with 49 C.F.R. Sec. 571.106;

(c) Brake fluids that comply with 49 C.F.R. Sec. 571.119;

(d) A parking brake that must operate on at least two wheels on the same axle, and when applied, must be capable of holding the vehicle on any grade on which the vehicle is operated. The parking brake must be separately actuated so that failure of any part of the service brake actuation system will not diminish the vehicle's parking brake holding capability;

(e) Lighting equipment that complies with 49 C.F.R. Sec. 571.108;

(f) Pneumatic tires that comply with 49 C.F.R. Sec. 571.109;

(g) Glazing material that complies with 49 C.F.R. Sec. 571.205.

The driver must be provided with a windshield and side windows or opening that allows an outward horizontal vision capability, ninety degrees each side of a vertical plane passing through the fore and aft centerline of the vehicle. This range of vision must not be interrupted by window framing not exceeding four inches in width at each side location;

(h) Seat belt assemblies that comply with 49 C.F.R. Sec. 571.209;

(i) Defroster and defogging devices capable of defogging and defrosting the windshield area, except vehicles or exact replicas of vehicles manufactured prior to January 1938 are exempt from this requirement;

(j) Door latches that firmly and automatically secure the door when pushed closed and that allow each door to be opened both from the inside and outside, if the vehicle is enclosed with side doors leading directly into a compartment that contains one or more seating accommodations;

(k) A floor plan that is capable of supporting the weight of the number of occupants that the vehicle is designed to carry;

(l) If an enclosed kit vehicle powered by an internal combustion engine, a passenger compartment that must be constructed to prevent the entry of exhaust fumes into the passenger compartment;

(m) Fenders that must be installed on all wheels and cover the entire tread width that comes in contact with the road surface. Coverage of the tire tread circumference must be from at least fifteen degrees in front and to at least seventy-five degrees to the rear of the vertical centerline at each wheel measured from the center of the wheel rotation. The tire must not come in contact with the body, fender, chassis, or suspension of the vehicle. Kit vehicles that are more than forty years old and are owned and operated primarily as collector's vehicles are exempt from this fender requirement if the vehicle is used and driven during fair weather on well-maintained, hard-surfaced roads;

(n) A speedometer that is calibrated to indicate miles per hour, and may also indicate kilometers per hour;

(o) Mirrors as outlined in RCW 46.37.400. Mirror mountings must provide for mirror adjustment by tilting both horizontally and vertically;

(p) An accelerator control system that, in accordance with 49 C.F.R. Sec. 571.124, contains a double spring that returns engine throttle to an idle position when the driver removes the actuating force from the accelerator control. The geometry of the throttle linkage must be designed so that the throttle will not lock in an open position. A vehicle equipped with cruise control is exempt when the cruise control is actuated;

(q) A fuel system that, in accordance with 49 C.F.R. Secs. 571.301 and 571.302, is securely fastened to the vehicle so as not to interfere with the vehicle's operation. The components, such as tank, tubing, hoses, and pump, must be of leak proof design and be securely attached with fasteners designed for that purpose. All fuel system vent lines must extend outside of the passenger compartment and be positioned as not to be in contact with the high temperature surfaces or moving components. If the vehicle is fueled using alternative measures, it must be installed in accordance with any applicable standards set by the United States department of transportation;

(r) A steering wheel as outlined in RCW 46.37.375 and WAC 204-10-034;

(s) A suspension as outlined in WAC 204-10-036;

(t) An exhaust system as outlined in WAC 204-10-038; and

(u) A horn that is capable of emitting sound audible under normal conditions from a distance of not less than two hundred feet. The horn or another warning device must not emit an unreasonably loud or harsh sound or whistle. A bell or siren must not be used as a warning device. The device used to actuate the horn must be easily accessible to the driver when operating the vehicle.

(3) A kit vehicle may also be equipped with hoods and bumpers. If this equipment is present, it must meet the following requirements:

(a) Hood latches must be equipped with a primary and secondary latching system to hold the hood in a closed position if the hood is a front opening hood; and

(b) Bumpers must be 4.5 inches in vertical height, centered on the vehicle's centerline, and extend no less than the width of the respective wheel track distances. Bumpers must be horizontal load veering and attach to the frame to effectively transfer energy when impacted. The bumper must be installed in accordance with the bumper heights outlined in WAC 204-10-022. [2009 c 284 § 3.]