



EQUIPMENT REQUIRED FOR PASSENGER VEHICLES

(All equipment must be of a type approved by the Commissioner of Motor Vehicles)

*If you are building a homemade or custom vehicle, please contact our Technical Services Unit at (518) 474-5282 (select option 4).

BRAKES	Brakes must be adequate to control the vehicle at all times. All brakes must be in good working order and must comply with the Standards of Brake Efficiency as follows: <ul style="list-style-type: none">◆ Service Brakes - brakes applied to every wheel - must be capable of stopping a vehicle within 30 feet from 20 miles per hour.◆ All 1968 and newer model-year passenger vehicles must have a "split" or "fail-safe" service brake system.◆ Auxiliary (Hand) Brakes - must be capable of stopping a vehicle within 75 feet from a speed of 20 miles per hour.
HORN	Adequate device for producing a sound loud enough to serve as a warning. The sound must not be unnecessarily loud or harsh.
MIRRORS	Every vehicle must be equipped with a mirror or other reflecting device, adjusted so the operator has a clear and full view of the road and conditions of traffic behind the vehicle. 1968 or newer models must have an adjustable left side-view mirror. All 1970 or newer models must be equipped with an adjustable interior mirror in addition to the required outside mirrors. 1991 and newer models require day/night mirrors.
MUFFLER	Every vehicle must be equipped with an adequate muffler. The muffler must be a device consisting of a series of chambers or baffle plates and/or other mechanical designs, for the purpose of receiving exhaust gas from an internal combustion engine, and must be able to effectively reduce the noise. The use of "cut-outs" or "by-passes" is prohibited.
EXHAUST SYSTEM	Every vehicle, except electric-powered vehicles, must be equipped with an exhaust system. An exhaust system is a series of mechanical devices for the purpose of receiving exhaust gas from an internal combustion engine and expelling it into the atmosphere.
WINDSHIELD	Required on every vehicle in order to pass inspection. Every vehicle manufactured after January 1, 1935, must be equipped with safety glass windshields.
GLAZING MATERIAL	All glazing material must be of an approved type, and may be used only as specified below: <ul style="list-style-type: none">A) Windshield - requires glazing material with an AS-1, AS-10, or AS-14 rating.B) Windows to the immediate left and right of the driver and the rearmost window, if used for visibility, must be approved AS-1, 2, 3, 10, or 11 safety glass. Any other <u>approved glazing</u> material may be substituted in the remaining windows.
WINDSHIELD WIPERS	Every vehicle must be equipped with suitable wipers, or a wiper system, that clear enough of the windshield to provide reasonable driving vision.
CRANKCASE VENTILATING SYSTEM	Required on 1964 and newer models. Diesel and electric-powered vehicles are exempt.
AIR CONTAMINANT EMISSIONS CONTROL SYSTEM	Required on 1968 and newer models. Diesel and electric-powered vehicles are exempt.
DEFROSTING DEVICE	Required on 1965 and newer models. Must be in good working order to prevent the formation of snow and ice on the windshield directly in front of the operator. A rear window defrosting device is required on: <ul style="list-style-type: none">1) 1974 and newer models, except for convertibles, suburbans, omnibus, or a vehicle that has a rolldown rear window or a rear window or windows located in a movable closure (door-like) member.2) 1986 and newer models that have a rear window or windows located in a movable closure (door-like) member, except for a multipurpose passenger vehicle (designed to carry ten persons or less and constructed either on a truck chassis or with special features for occasional off-road operation).3) 1993 and newer models that have a rear window located in a single movable closure (door-like) member and which have a non-removable top.
TIRES	A tire will not be considered safe if there is a visible break, cut in excess of one inch, bump, bulge, ply or cord exposure, tread design completely worn or tread depth (when measured) is less than 2/32 of an inch. Tires must meet Federal DOT standards.
SEAT SAFETY BELTS	At least two seat safety belts in the front seat of all 1965 and newer models. 1967 and newer models must also be equipped with at least one safety belt for each passenger for which the vehicle rear seat was designed. 1968 and newer models must be equipped with at least one safety belt for each passenger seat position.
SPEEDOMETER	Required on 1981 and newer models. The device must be capable of measuring the vehicle's speed, and of displaying it in miles per hour.
BUMPERS	On the front and rear, each must be securely fastened with some part of the bumper located between 16" and 20" above the ground. The bumpers provide protection against damage affecting front or rear external lamps, body parts, and vehicle occupants during low-speed impacts. This provision does not apply to a vehicle registered as an historical vehicle.
HAZARD WARNING SIGNALS	Required on 1966 and newer models. This device lets the operator flash the two front and two rear directional signals simultaneously.
PADDED DASHBOARDS AND VISORS	Required on 1968 and newer models. These devices are intended to provide impact protection for occupants.
TAMPER RESISTANT ODOMETERS	Required on 1993 and newer models. This device must display the vehicle's mileage with a minimum of six digits, not including any digits displaying fractions of a mile.

EQUIPMENT FOR PASSENGER VEHICLES (Continued)

REQUIRED LIGHTING DEVICES AND REFLECTORS	One lighting device/reflector may be used to accomplish two or more lighting purposes. All lamps, signaling devices, and reflectors must be of a type approved by the Commissioner of Motor Vehicles, as described below:
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ITEM	QUANTITY AND COLOR	LOCATION (Height above road surface is measured in inches from center of item on vehicle when the vehicle is empty).
Headlights	DOT or SAE Approved System	Not less than 24" or more than 54" high.
Tail Lamps*	2 Red	On the rear, one on each side; at the same height, as far apart as practicable. Not less than 15" or more than 72" high.
Stop Lamps*	2 Red	SAME AS TAIL LAMPS
High-mounted Stop Lamp (1987 and newer)	1 Red	Rear, on center line, not lower than 6" below window on convertibles, or 3" on other passenger vehicles.
Number Plate Light	1 White	On the rear plate to light it from the side.
Parking Lamps*	2 Amber	On the front, one on each side; at the same height, as far apart as practicable. Not less than 15" or more than 72" high.
Reflex Reflectors	2 Amber and 2 Red	2 amber showing to the front; 2 red showing to the rear; at the same height and as far apart as practicable. Not less than 15" or more than 60" high.
Backup Lights (1969 and newer)	1 White (minimum of 1)	Showing to the rear.
Turn Signal Lamps (1953 and newer)	2 Red and 2 Amber or 4 Amber. Class "A". (If double face lamp is used on the front, it may show amber or red to the rear).	Amber lamp at or near the front, on each side, at the same height and as far apart as practicable. On the rear—one red or amber on each side; at the same height and as far apart as practicable. All must not be less than 15" or more than 83" high.
Side Marker Lamps (1976 and newer)	2 Red and 2 Amber	On each side, 1 red on rear, 1 amber on front, as near the corners as practicable. Not less than 15" or more than 60" high.
*1952 and older models require only one lamp.		