

BUMPERS, LIGHTS, AND ACCESSORIES

Bumpers absorb the impact from minor collisions at low speeds, therefore protecting a car's body from damage. They are standard on many automobiles. One is placed on the front of the car and one on the back. Bumpers are generally made of plastic that is reinforced with a tougher substance, such as steel, fiberglass, or aluminum. Although safety is the main concern, many manufacturers are now designing bumpers to be stylish.

An automobile's lighting system includes dim and bright headlights, parking lights, turn signals, tail lights, backup lights, stoplights, ceiling lights, and dashboard lights. Some cars have map lights, floor lights, and cornering lights, or sidelights, that switch on automatically when the car is turned. New technology is improving both the types of lights and the way the lights are used. For instance, light-emitting diode (LED) or laser headlights illuminate the area better. Some headlights come on automatically when the car is started. Adaptive systems control individual lights based on the car's surroundings. For example, some systems automatically turn off bright headlights, which are used mainly on darker, little used roads, when an oncoming car is detected.



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Other accessories include safety glass, defrosters, rearview and side-view mirrors, windshield wipers and washers, clocks, cup holders, and cigarette lighters. Cruise control allows the driver to set a steady speed that the car maintains until the driver steps on the brake. Safety belts and front airbags are now standard equipment.

As Wi-Fi and Bluetooth became more popular in the early 21st century, such features as USB ports (to connect electronics) and power outlets (to charge electronics) were included. In addition, remote keyless entry and keyless ignition were introduced. The first allows access to the car and the second to the ignition

without using a key. Safety features were also introduced. They included backup cameras that provide a view of the area behind the car that is often in the driver's blind spot. Adaptive (or autonomous) cruise control uses radar that allows a car to detect the proximity of the car in front of it and automatically adjust speed accordingly. Some cars are equipped with computer technology that lets the car self-park in a parallel spot.

bumper: puskuri

accessories: lisävarusteet

absorb: (tässä) ottaa vastaan, ottaa itseensä

impact: vaikutus

minor: (tässä) pienehkö, ei mitenkään erityisen vakava

collision: yhteentörmäys

therefore: siten

protect: suojata

damage: vahinko

standard: vakio, standardi, normi

generally: yleensä

reinforced: vahvistettu

substance: aine

steel: teräs

fiberglass: lasikuitu

although: vaikka

safety: turvallisuus

concern: huolenaihe

manufacturer: tuottaja

stylish: tyylikäs

include: sisältää

dim: himmeä

turn signal: vilkku

tail light: takavallo

backup light: peruutusvalo

stoplight: jarruvalo

ceiling: sisäkatto

map light: karttavallo

corner: nurkka

sidelight: sivuvalo

switch on: mennä päälle, laittaa päälle

improve: parantaa

for instance: esimerkiksi

illuminate: valaista

adaptive: joustava, mukautuva

individual: yksittäinen

based on: perustuen

surrounding: ympäristö

turn off: ottaa pois päältä, sammuttaa

mainly: pääasiassa

oncoming: lähestyvä

detect: havaita, huomata

safety glass: turvalasi

defroster: huurteenpoistin

cruise control: vakionopeudensäädin

allow: antaa, sallia

steady speed: vakaa nopeus

maintain: ylläpitää

until: kunnes

equipment: varuste

in the early 21st century: 2000-luvun alussa

feature: ominaisuus

connect: yhdistää

power outlet: pistorasia

in addition: lisäksi

remote: kauko-ohjattu

entry: sisäänpääsy

ignition: startti

introduce: esitellä

access: pääsy

backup camera: peruutuskamera

provide: (tässä) antaa

view: näkymä

blind spot: sokea piste

autonomous: itsenäinen

radar: tutka

proximity: läheisyys

adjust: säätää

accordingly: sen mukaan

self-park: parkkeerata itse

parallel spot: taskuparkki

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