



# BRANDS

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# Our Purpose

## AUTOPARTS

High-quality, high-performance auto parts that are an effective solution



### Our Goals:

- ✓ High Quality
- ✓ Germany Technology
- ✓ High Performance
- ✓ Operational Efficiency



Website:

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## PURPOSE

# STEERING SYSTEM

Allows the driver to control the direction of the car.

## COMPONENTS

Steering wheel, steering column, steering rack, tie rods, and power steering pump (if equipped with power steering).



**Function:** The driver turns the steering wheel, which is connected to the steering column and rack. This movement is transmitted to the wheels, causing them to turn and change the vehicle's direction.



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# COOLING SYSTEM

Prevents the engine from overheating by regulating its temperature.



## COMPONENTS

Radiator, water pump, thermostat, cooling fan, coolant reservoir, and hoses.



**Function:** The water pump circulates coolant through the engine and radiator. As the engine runs, the coolant absorbs heat, which is then dissipated by the radiator, keeping the engine at an optimal temperature.



# SUSPENSION SYSTEM

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## **PURPOSE:**

Provides comfort and stability by absorbing shocks and maintaining tire contact with the road.

## **COMPONENTS**

Shock absorbers, struts, springs, control arms, bushings, and sway bars.



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The suspension system helps reduce the impact of bumps and irregularities on the road, improving ride quality and handling. It also keeps the wheels aligned and in contact with the road for better traction and control.



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# ENGINE

## PURPOSE:

The engine is the power source of the vehicle, converting fuel into mechanical energy.

## COMPONENTS

Cylinder block, pistons, crankshaft, camshaft, valves, timing belt, spark plugs, and fuel injectors.



**Function:** The engine operates by burning fuel (e.g., gasoline or diesel) in its cylinders. This combustion drives the pistons, which turn the crankshaft and generate the power needed to move the car.



# FUEL SYSTEM

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**PURPOSE:** Delivers fuel to the engine for combustion.

## COMPONENTS

Fuel tank, fuel pump, fuel filter, fuel injectors, fuel lines, and fuel pressure regulator.



## Function:

The fuel pump sends fuel from the tank to the engine. The fuel filter removes impurities, and the fuel injectors spray a precise amount of fuel into the engine's cylinders for combustion.



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# ELECTRICAL SYSTEM

## PURPOSE:

Powers electrical components like lights, infotainment, and sensors, and charges the vehicle's battery.

## COMPONENTS

Battery, alternator, fuses, wiring, electrical relays, lights, and sensors.

## Function

The alternator charges the battery while the engine is running. The electrical system powers the vehicle's lights, air conditioning, infotainment system, and other electronic components. It also manages sensors and control systems within the car.

