# AUTOMOTÎVE MECHANÎCS # Terminology related to vehicle components, maintenance, and repair

## Vehicle Systems
engine
transmission
suspension
braking
steering
electrical

fuel

cooling

exhaust

drivetrain

## Engine Components

piston

cylinder

crankshaft

camshaft

valves

spark plug

fuel injector

timing belt

oil pump

alternator

## Fluids and Lubricants engine oil

transmission fluid
brake fluid
coolant
power steering fluid
windshield washer fluid
differential fluid
fuel
refrigerant
grease

## Maintenance Tasks
oil change
tire rotation
brake service
tune-up
alignment
filter replacement
battery testing
fluid check
belt inspection
spark plug replacement

## Common Problems
check engine light
overheating
stalling
hard starting
rough idle
poor acceleration
brake noise

steering pull transmission slipping fluid leak

## Tools and Equipment wrench socket set screwdriver pliers jack stands OBD scanner multimeter torque wrench

impact driver

## Performance Measures
horsepower
torque
MPG
RPM
compression ratio
0-60 time
stopping distance
towing capacity
payload capacity

## Vehicle Parts battery

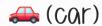
ground clearance

alternator
starter
radiator
water pump
fuel pump
shock absorber
CV joint
tie rod

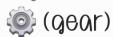
catalytic converter

## Warning Signs
noise
vibration
smell
leak
smoke
warning light
dashboard indicator
pulling
reduced power
unusual handling

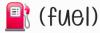
## ## Automotive Emojis





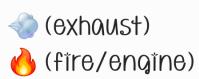








(hammer)



(warning light)