

# # AUTOMOTIVE MECHANICS

# 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  
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  
ground clearance

## ## Vehicle Parts

battery

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

 (car)  
 (wrench)  
 (gear)  
 (battery)  
 (fuel)  
 (oil drum)  
 (hammer)

 (exhaust)

 (fire/engine)

 (warning light)