

# Heavy Duty Vehicle Parts in Colombia

Master Heavy Duty Vehicle Parts and Boost Your Expertise

A comprehensive course covering all essential aspects of heavy duty vehicle parts. From basics to advanced topics, learn through practical examples and apply your knowledge immediately.

33 modules

## What you'll learn

- ✓ Understand Truck Components and Systems
- ✓ Discover Brake System Components and Repairs
- ✓ Explore Hydraulic and Electrical Systems
- ✓ Learn Engine Types and Maintenance
- ✓ Troubleshoot Suspension and Steering Issues
- ✓ Maintain Tires and Wheels Properly

## Syllabus

### 1 Introduction to Heavy Vehicle Parts

Truck Components Overview    Engine Types and Specifications    Basic Maintenance Procedures  
Safety and Tools for Heavy Equipment    Truck Systems Overview

### 2 Brake Systems and Components

Brake System Components    Brake Maintenance and Repair    Brake Fluid and Maintenance  
Common Brake Issues and Solutions

### 3 Suspension and Steering Systems

Suspension System Components    Suspension Troubleshooting    Shock Absorber and Spring Maintenance  
Wheel and Axle Alignment

### 4 Engine Maintenance and Lubrication

Engine Oil Types and Properties    Oil Change Procedures    Filters and Replacement Techniques  
Engine Performance Monitoring

### 5 Air and Fuel Systems

Air Filter Replacement    Intake and Exhaust Systems    Turbocharger and Supercharger Maintenance  
Air System Troubleshooting

### 6 Electrical and Electronic Systems

Electrical Systems Overview    Battery Maintenance    Electrical Fault Diagnosis    Lighting and Signaling Systems

### 7 Hydraulic Systems

Hydraulic System Components    Hydraulic System Maintenance    Hydraulic System Troubleshooting  
Hydraulic Fluid Properties

### 8 Tires and Wheels

Tire and Wheel Replacement    Tire Maintenance and Inspection    Wheel Alignment and Balancing  
Tire Pressure and Load Capacity

## Who is it for?

Mechanics, technicians, and professionals in the transportation industry looking to enhance their skills in vehicle parts and maintenance

