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Volvo XC90

2020 Volvo XC90 Owners Manual

Your comprehensive guide to operating and maintaining your vehicle.

Introduction

This manual contains important information regarding the operation, maintenance, and safety of your 2020 Volvo XC90. Please read it thoroughly to ensure proper use and to maximize your driving experience. Familiarize yourself with all features and safety systems before operating the vehicle.
For additional resources, visit the official Volvo website:www.volvocars.com.

Setup and Initial Familiarization

Vehicle Entry and Seating

- **Key Fob:** Unlock doors by pressing the unlock button on the key fob.
- **Seat Adjustment:** Use the controls on the side of the seat to adjust position, lumbar support, and recline.
- **Steering Wheel Adjustment:** Adjust the steering wheel for optimal driving position using the lever located beneath the steering column.
- **Mirror Adjustment:** Adjust side mirrors using the control panel on the driver's door.

Starting the Engine

1. Ensure the gear selector is in Park (P).
2. Press the brake pedal firmly.
3. Twist the start/stop knob located on the center console clockwise and release.

Operating Your Vehicle

Driving Modes

The 2020 Volvo XC90 offers various driving modes to optimize performance and efficiency. These can be selected via the roller control on the center console:

- **Comfort:** Standard setting for balanced driving.
- **Eco:** Optimizes for fuel efficiency.
- **Dynamic:** Enhances throttle response and steering for a sportier feel.

- **Off-Road:** For driving on challenging surfaces (available at low speeds).

Infotainment System (Sensus)

Your vehicle is equipped with the Sensus infotainment system. It controls navigation, media, climate, and various vehicle settings. Interact with the system using the touchscreen display or steering wheel controls.

- **Navigation:** Access maps and set destinations.
- **Media:** Control radio, Bluetooth audio, and other media sources.
- **Climate:** Adjust temperature, fan speed, and air distribution.
- **Vehicle Settings:** Customize driver assistance features, lighting, and more.

Maintenance and Care

Regular maintenance is crucial for the longevity and performance of your Volvo XC90. Adhere to the recommended service schedule outlined below.

Service Schedule

Interval	Action
Every 10,000 miles or 1 year	Oil and filter change, tire rotation, multi-point inspection.
Every 20,000 miles or 2 years	Cabin air filter replacement, brake fluid check.
Every 40,000 miles or 4 years	Spark plug replacement (if applicable), engine air filter replacement.

Consult your authorized Volvo retailer for specific service requirements based on your driving conditions.

Tire Care

Maintain correct tire pressure as specified on the driver's side door jamb. Regularly inspect tires for wear and damage. Rotate tires every 10,000 miles to ensure even wear.

Troubleshooting Common Issues

Engine Warning Light

If the engine warning light illuminates, it indicates a potential issue with the engine or emissions system*Reduce speed and avoid heavy acceleration.* If the light flashes, pull over safely and contact roadside assistance. If it remains solid, schedule a service appointment soon.

Flat Tire

Your vehicle may be equipped with a tire repair kit or a spare tire. Refer to the vehicle's toolkit location for instructions on how to use the repair kit or replace a flat tire. Always ensure the vehicle is on a level, stable surface before attempting tire service.

Infotainment System Not Responding

If the Sensus system becomes unresponsive, try restarting it by pressing and holding the HOME button (located below the screen) for approximately 20 seconds until the Volvo logo appears. If the issue persists, contact your Volvo service center.

Specifications

Key technical specifications for the 2020 Volvo XC90 (may vary by trim level and region):

- **Engine Options:** T5 (2.0L Turbo I4), T6 (2.0L Turbo/Supercharged I4), T8 (Plug-in Hybrid)
- **Transmission:** 8-speed automatic
- **Drivetrain:** Front-wheel drive (FWD) or All-wheel drive (AWD)
- **Seating Capacity:** 7 passengers
- **Fuel Tank Capacity:** Approximately 18.8 gallons (71 liters)
- **Tire Pressure:** Refer to vehicle door jamb sticker

Detailed specifications can be found in the vehicle's technical data section or on the official Volvo website.

Warranty Information

Your 2020 Volvo XC90 comes with a comprehensive warranty package. Please refer to your separate Warranty and Service Records booklet for complete details, terms, and conditions.

- **New Car Limited Warranty:** Typically 4 years/50,000 miles, whichever comes first.
- **Corrosion Warranty:** Specific coverage against rust-through.
- **Roadside Assistance:** Included for a specified period.

Warranty coverage may vary by region and specific vehicle purchase terms. Always consult your official warranty documentation.

Customer Support

For further assistance, questions, or to schedule service, please contact Volvo Customer Support or your authorized Volvo retailer.

- **Volvo Customer Care:** Refer to your vehicle documentation for the most current contact numbers or visit the official Volvo website.
- **Authorized Volvo Retailer:** Locate your nearest service center using the dealer locator onwww.volvocars.com.
- **Online Resources:** Additional guides, FAQs, and software updates are available on the Volvo support portal.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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