

Volvo XC90 Specifications - Model Year 2004



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S = Standard

N/C = No charge

N/A = N/A = Not available on model. An item may be N/A as a single option but included in a package. Single options are denoted by their price.

P = Package

Model Name:	XC90 2.5T	XC90 2.5T AWD	XC90 T6 AWD
MSRP:	\$34,790	\$36,565	\$40,965
Destination Fee:	\$685	\$685	\$685
FEATURES			
Safety:	XC90 2.5T	XC90 2.5T AWD	XC90 T6 AWD
Anti-Submarine Seats	S	S	S
Boron Steel Reinforced Passenger Compartment	S	S	S
Cargo Security Cover	S	S	S
Collapsible Steering Column	S	S	S
Daytime Running Lights (Halogen Semi-Sealed with Replaceable Bulb)	S	S	S
Driver and Front Passenger Supplemental Restraint System - Dual Threshold Air Bags	S	S	S
Dynamic Stability and Traction Control (DSTC)	S	S	S
Energy-Absorbing Interior	S	S	S
Front Cross-Member for SUV-to-Car Impact Compatibility	S	S	S
Headlamp Washers (included in Climate Package for 2.5T, 2.5T AWD and T6 AWD)	P	P	P
High Seating Position	S	S	S
Homelink Remote Garage Door Opener (included in Premium Package for 2.5T and 2.5T AWD)	P	P	S
Immobilizer, Encrypted Ignition Key	S	S	S
Inflatable Side Curtain (IC) (coverage for third-row			

occupants when ordered with seven seats)	S	S	S
ISOFIX Baby/Child Seat Attachment (second row)	S	S	S
Key Integrated Remote Control with Central Power Door Locks	S	S	S
Laminated Side Windows (included in Security Package for 2.5T, 2.5T AWD and T6 AWD)	P	P	P
Overhead-Mounted Seat Belt Reminder Lights	S	S	S
Padded Head Restraints	S	S	S
Pedestrian Protection	S	S	S
Rear Door Child Safety Locks	S	S	S
Rear Fog Light with Auto-Off	S	S	S
Rear Window Deactivation	S	S	S
Roll-Over Protection System (ROPS)	S	S	S
Roll Stability Control (RSC)	S	S	S
Safe Approach and Home Safe Lighting	S	S	S
Seat Belts: 3-Point Inertia-Reel with Automatic Pretensioners for All Seating Positions; Front Belts include Force Limiters	S	S	S
Security System with Siren, Battery Backup and Immobilizer	S	S	S
Side Impact Air Bags for Driver and Front Passenger	S	S	S
Side Impact Protection System (SIPS)	S	S	S
Whiplash Protection Seating System (WHIPS)	S	S	S

Exterior:	XC90 2.5T	XC90 2.5T AWD	XC90 T6 AWD
Bi-Xenon Headlamps (GDL) with Automatic Level Control (requires Climate Package for 2.5T, 2.5T AWD and T6 AWD)	\$500	\$500	\$500
Dual-Split Tailgate	S	S	S
Front Fog Lights	S	S	S
Front Stainless Steel Skid Plate	S	S	S
Power Glass Moonroof with Slide/Tilt Positions, Sliding Sunshade and Auto-Open (included in Premium Package for 2.5T and 2.5T AWD)	P	P	S
Power-Adjustable Heated Exterior Rearview Mirrors	S	S	N/A
Power-Adjustable Heated Exterior Rearview Mirrors with Memory Function (included in Premium Package for 2.5T and 2.5T AWD)	P	P	S
Reverse Warning System	\$400	\$400	\$400

Rear-Door Intermittent Wiper (with automatic

function when transmission in reverse and front wipers on)	S	S	S
Rear Window Defroster with Automatic Timer	S	S	S
Roof Rails	S	S	S
Towbar Preparation	S	S	S
Interior:	XC90 2.5T	XC90 2.5T AWD	XC90 T6 AWD
Aluminum Gearshift Knob	S	S	S
Aluminum Trim Inlays	N/C	N/C	N/C
Auto-Dim Rearview Mirror (included in Premium Package for 2.5T and 2.5T AWD)	P	P	S
Cargo Net	\$300	\$300	\$300
Cruise Control	S	S	S
Driver Information Display	S	S	S
Dual-Zone Electronic Climate Control (ECC)	S	S	S
Ergonomically Designed Seats	S	S	S
Flat-Folding 40/20/40 Split Second-Row Seat	S	S	S
Flat-Folding Front Passenger Seat	S	S	S
Front Center Armrest	S	S	S
Front Door-Panel Storage Pockets	S	S	S
Front Seat-Back Storage Pockets	S	S	S
Genuine Wood Inlays	S	S	S
Grocery Bag Holder in Cargo Area (not available with the Versatility Package)	S	S	S
Heated Front Seats (included in Climate Package for 2.5T, 2.5T AWD and T6 AWD)	P	P	P
Illuminated Lockable Glove Box	S	S	S
Illuminated Vanity Mirror in Driver/Front Passenger Sun Visors	S	S	S
Integrated Center Booster Cushion, Second Row (slides forward only when ordered in the Versatility Package)	\$150	\$150	\$150
Interior Air Quality System (IAQS) (included in Climate Package for 2.5T, 2.5T AWD and T6 AWD)	P	P	P
Interior Cabin Light Delay	S	S	S
Leather Gearshift Knob	\$50	\$50	\$50
Leather Steering Wheel	S	S	S
Luggage/Cargo Area Lights	S	S	S
Outside Temperature Gauge	S	S	S

Plush Front and Rear Floor Mats	S	S	S
Pollen Filter for Passenger Compartment	S	S	S
Power Adjustable Driver Seat, 8-Way with 3-Position Memory and Lumbar Support	S	S	S
Power Adjustable Passenger Seat, 8-Way with Lumbar Support (included in Premium Package for 2.5T and 2.5T AWD)	P	P	S
Power Windows with Driver and Front Passenger Auto Up/Down with Anti-Trap Feature	S	S	S
Reading Lamps (Front, Rear and Third Row if applicable)	S	S	S
Rear Seat Ventilation Outlets on B-Pillar	S	S	S
Tilt/Telescopic Steering Wheel with Illuminated Cruise and Audio Controls	S	S	S
Tinted Rear Windows (not available with the Security Package)	S	S	S
Trip Computer	S	S	S
12 Beverage Holders	S	S	S
12-Volt Power Outlet (Three)	S	S	S
Two Entry Lights (in Front Door Foot Wells)	S	S	S
Volvo Navigational System with DVD Map Data and Remote Control (requires Premium Package for 2.5T and 2.5T AWD)	\$1,995	\$1,995	\$1,995
Wood Steering Wheel	\$325	\$325	\$325

Audio/Video/Electronics:	XC90 2.5T	XC90 2.5T AWD	XC90 T6 AWD
Audio System with AM/FM, Single In-Dash CD, 160-Watt Amplifier, Eight Speakers	S	S	N/A
Audio System with AM/FM, In-Dash 6-CD Changer, 160-Watt Amplifier, Eight Speakers	N/A	N/A	S
Premium Sound System with AM/FM, In-Dash 6-CD Changer, Dolby Pro-Logic II® Surround Sound, 305-Watt Amplifier, 12 Premium Speakers (requires Premium Package for 2.5T and 2.5T AWD)	\$775	\$775	\$775
Rear Audio Headphone Outlets and Controls (requires Premium Package for 2.5T and 2.5T AWD and included in Versatility Package for 2.5T, 2.5T AWD and T6 AWD)	\$100	\$100	\$100
Subwoofer (not available with Versatility Package and requires Premium Package for 2.5T and 2.5T AWD)	\$300	\$300	\$300
Remote Audio Control in Steering Wheel	S	S	S
PACKAGES	XC90 2.5T	XC90 2.5T	XC90 T6 AWD

		AWD	
Premium Package for 2.5T and 2.5T AWD	\$2,575	\$2,575	S
Power Glass Moonroof			
Leather Seating Surfaces			
Power Adjustable Passenger Seat, 8-Way with Lumbar Support			
In-Dash 6-CD Changer			
Auto-Dim Rearview Mirror			
Power-Adjustable Heated Exterior Rearview Mirrors with Memory Function			
Homelink Remote Garage Door Opener			
Premium Package for T6	N/A	N/A	\$1,300
7 X 18" ATLANTIS Alloy Wheels with 235/60/R18 Tires			
Premium Sound System, AM/FM, In-Dash 6-CD Changer, Dolby Pro-Logic II® Surround Sound, 305-Watt Amplifier, 12 Premium Speakers			
Power Retractable Rearview Mirrors			
Climate Package	\$625	\$625	\$625
Interior Air Quality Sensor (IAQS)			
Rainsensor			
Heated Front Seats			
Headlamp Washers			
Versatility Package (requires Premium Package for 2.5T and 2.5T AWD)	\$1,700	\$1,700	\$1,700
Third-Row Seats with Leather Seating Surfaces			
Air Conditioning for Third-Row Passengers with Separate Control			
Nivomat Self-Leveling Rear Suspension			
Rear Audio Headphone Outlets and Controls			
Integrated Center Booster Cushion, Second Row (slides forward only when ordered in the Versatility Package)			
Security Package (Window Tint is not available with the Security Package)	\$675	\$675	\$675
Infrared Windshield and Front Side Windows			
Laminated Side Windows			
Level Sensor			
Mass Movement Sensor			
SPECIFICATIONS			
Engine:	XC90 2.5T	XC90 2.5T AWD	XC90 T6 AWD
2.5-Liter, 5-Cylinder Light-Pressure Turbo Engine with Intercooler	S	S	N/A
2.9-Liter, 6-Cylinder Twin-Turbo Engine with			

Intercooler	N/A	N/A	S
Horsepower (SAE net)	208 @ 5,000 rpm	208 @ 5,000 rpm	268 @ 5,200 rpm
Torque (ft./lbs. SAE net)	236 @ 1,500 - 4,500 rpm	236 @ 1,500 - 4,500 rpm	280 @ 1,800 - 5,000 rpm
PremAir® Treated Radiator	S	S	S
Transmission:	XC90 2.5T	XC90 2.5T AWD	XC90 T6 AWD
5-Speed "Geartronic" Microprocessor-Controlled Automatic with "Auto-Stick" Function	S	S	N/A
4-Speed "Geartronic" Microprocessor-Controlled Automatic with "Auto-Stick" Function	N/A	N/A	S
Electronically Controlled All Wheel Drive	N/A	S	S
Front Wheel Drive	S	N/A	N/A
Brakes:	XC90 2.5T	XC90 2.5T AWD	XC90 T6 AWD
4-Channel Antilock Braking System (ABS) with Electronic Brake Distribution (EBD) and Electronic Brake Assistance (EBA)	S	S	S
Suspension:	XC90 2.5T	XC90 2.5T AWD	XC90 T6 AWD
Front Suspension: MacPherson Strut, Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar	S	S	S
Rear Suspension: Multilink Independent Suspension with Coil Springs, Hydraulic Shock Absorbers, Stabilizer Bar	S	S	S
Nivomat Self-Leveling Rear Suspension (included in Versatility Package for 2.5T, 2.5T AWD and T6 AWD)	P	P	P
Steering:	XC90 2.5T	XC90 2.5T AWD	XC90 T6 AWD
Power-Assisted Rack-and-Pinion Steering	S	S	S
Speed-Sensitive Steering	N/A	N/A	S
Turns, Lock-to-Lock	2.7	2.7	2.7
Exterior Color Choices:	XC90 2.5T	XC90 2.5T AWD	XC90 T6 AWD
Black	N/C	N/C	N/C
Ice White	N/C	N/C	N/C
Nautic Blue Metallic	\$450	\$450	\$450
Silver Metallic	\$450	\$450	\$450
Ash Gold Metallic	\$450	\$450	\$450
Cypress Green Metallic (requires Premium Package			

for 2.5T and 2.5T AWD)	\$450	\$450	\$450
Black Sapphire Metallic (requires Premium Package for 2.5T and 2.5T AWD)	\$450	\$450	\$450
Ruby Red Metallic (requires Premium Package for 2.5T and 2.5T AWD)	\$450	\$450	\$450
Crystal Green Metallic (requires Premium Package for 2.5T and 2.5T AWD)	\$450	\$450	\$450

Interior Color/Upholstery Choices:	XC90 2.5T	XC90 2.5T AWD	XC90 T6 AWD
Graphite Cloth/Vinyl	S	S	N/A
Taupe Cloth/Vinyl	S	S	N/A
Graphite Leather Seating Surfaces (included in Premium Package for 2.5T and 2.5T AWD)	P	P	S
Taupe/Lt.Taupe Leather Seating Surfaces (included in Premium Package for 2.5T and 2.5T AWD)	P	P	S

Wheels:	XC90 2.5T	XC90 2.5T AWD	XC90 T6 AWD
7 x 17" NEPTUNE Alloy Wheels with 235/65/R Tires	S	S	S
7 x 18" ATLANTIS Alloy Wheels with 235/60/R18 Tires (included in Premium Package for T6 AWD)	\$750	\$750	P

Exterior Dimensions, Weight & Performance:	XC90 2.5T	XC90 2.5T AWD	XC90 T6 AWD
Curb Weight - 5-Passenger	4,354 lb.	4,493 lb.	4,639 lb.
Curb Weight - 7-Passenger	4,517 lb.	4,647 lb.	4,791 lb.
Gross Vehicle Weight - 5-Passenger	5,640 lb.	5,770 lb.	5,880 lb.
Gross Vehicle Weight - 7-Passenger	5,840 lb.	6,005 lb.	6,080 lb.
Fuel Tank Capacity	19.0 U.S. gallons	19.0 U.S. gallons	19.0 U.S. gallons
Ground Clearance - with 17" and 18" Wheels	8.9 in.	8.9 in.	8.9 in.
Height with Roof Rails	70.2 in.	70.2 in.	70.2 in.
Length	188.9 in.	188.9 in.	188.9 in.
Top Speed	128 mph	128 mph	128 mph
Towing Capacity	4,000 lbs.	5,000 lbs.	5,000 lbs.
Track, Front	64.3 in.	64.3 in.	64.3 in.
Track, Rear	63.9 in.	63.9 in.	63.9 in.
Turning Circle, Curb to Curb	39 ft.	39 ft.	39 ft.
Wheelbase	112.5 in.	112.5 in.	112.5 in.
Width	74.7 in.	74.7 in.	74.7 in.

Interior Dimensions:	XC90 2.5T	XC90 2.5T AWD	XC90 T6 AWD
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Cargo Capacity - 7-Passenger (behind third row with no seats folded)	11.1 cu. ft.	11.1 cu. ft.	11.1 cu. ft.
Cargo Capacity - 5-Passenger (behind second row)	41.6 cu. ft.	41.6 cu. ft.	41.6 cu. ft.
Cargo Capacity - 7-Passenger (behind second row with third-row seats folded)	43.3 cu.ft.	43.3 cu.ft.	43.3 cu.ft.
Cargo Capacity - 5-Passenger (behind first row with second-row passenger seatsfolded)	84.9 cu. ft.	84.9 cu. ft.	84.9 cu. ft.
Cargo Capacity - 7-Passenger (behind first row with second- and third-row passengerseats folded)	85.1 cu. ft.	85.1 cu. ft.	85.1 cu. ft.
Maximum Cargo Capacity- 5-Passenger (with all passenger seats folded)	92.0 cu. ft.	92.0 cu. ft.	92.0 cu. ft.
Maximum Cargo Capacity- 7-Passenger (with all passenger seats folded)	93.2 cu. ft.	93.2 cu. ft.	93.2 cu. ft.
Headroom with Moonroof - 5-Passenger (front seat/second row)	39.7/38.9 in.	39.7/38.9 in.	39.7/38.9 in.
Headroom with Moonroof - 7-Passenger (front seat/second row/third row)	39.7/38.4/35.5 in.	39.7/38.4/35.5 in.	39.7/38.4/35.5 in.
Headroom without Moonroof - 5-Passenger (front seat/second row)	40.1/39.5 in.	40.1/39.5 in.	40.1/39.5 in.
Headroom without Moonroof - 7-Passenger (front seat/second row/third row)	40.1/39.5/35.5 in.	40.1/39.5/35.5 in.	40.1/39.5/35.5 in.
Hip Room - 5-Passenger (front seat/second row)	55.4/53.6 in.	55.4/53.6 in.	55.4/53.6 in.
Hip Room - 7-Passenger (front seat/second row/third row)	55.4/54.1/N/A in.	55.4/54.1/N/A in.	55.4/54.1/N/A in.
Leg Room - 5-Passenger (front row/second row)	41.0/36.4 in	41.0/36.4 in	41.0/36.4 in
Leg Room - 7-Passenger (front row/second row/third row)	41.0/34.6/30.1 in.	41.0/34.6/30.1 in.	41.0/34.6/30.1 in.
Shoulder Room - 5-Passenger (front row/second row)	58.3/57.8 in.	58.3/57.8 in.	58.3/57.8 in.
Shoulder Room - 7-Passenger (front row/second row/third row)	58.3/57.4/N/A in.	58.3/57.4/N/A in.	58.3/57.4/N/A in.
Step-In Height	19.4 in.	19.4 in.	19.4 in.
Fuel Economy (MPG):	XC90 2.5T	XC90 2.5T AWD	XC90 T6 AWD
Automatic Transmission: City	18	18	15
Automatic Transmission: Highway	24	24	20
Warranty:	XC90 2.5T	XC90 2.5T AWD	XC90 T6 AWD
Std. Warranty: Four Years or 50,000 Miles, whichever occurs first	S	S	S
Volvo On Call Roadside Assistance: Four Years	S	S	S

Factory Scheduled Maintenance: First Four Services

performed within 3 Years or 36,000 Miles,
whichever occurs first

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