

# VOLVO S40 SPECIFICATIONS



MODEL	2.4 sedan	2.4 SE sedan	T5 sedan
Recommended retail:	\$45,950	\$49,950 (w/ five-speed automatic)	\$59,950
	\$47,950 (w/ five-speed automatic)	\$49,950 (five-speed manual a no-cost option)	\$59,950 (six-speed manual a no-cost option)

## ENGINE

Engine:	Naturally aspirated, inline five-cylinder, aluminium block and aluminium cylinder head	Naturally aspirated, inline five-cylinder, aluminium block and aluminium cylinder head	Turbocharged with air-to-air intercooler, inline five-cylinder, aluminium block and aluminium cylinder head
Configuration:	Transverse, front-wheel drive	Transverse, front-wheel drive	Transverse, front-wheel drive
Displacement:	2435cc	2435cc	2521cc
Compression ratio:	10.3:1, pent-roof combustion chamber	10.3:1, pent-roof combustion chamber	9.0:1, pent-roof combustion chamber
Bore & stroke:	83mm x 90mm	83mm x 90mm	83mm x 93.2mm
Valvetrain:	DOHC, four-valve per cylinder, continuously variable valve timing (CVT) on inlet camshaft	DOHC, four-valve per cylinder, continuously variable valve timing (CVT) on inlet camshaft	DOHC, four-valve per cylinder, continuously variable valve timing (CVT) on inlet and exhaust camshafts
Peak power output:	125kW at 6000rpm	125kW at 6000rpm	162kW at 5000rpm
Peak torque output:	230Nm at 4400rpm	230Nm at 4400rpm	320Nm at 1500-4800rpm
Fuel recommended:	91-98 RON	91-98 RON	95-98 RON

## PERFORMANCE

Acceleration 0-100km/h (M/A):	8.2 seconds, 8.9 seconds	8.2 seconds, 8.9 seconds	6.8 seconds, 7.2 seconds
Top speed (M/A):	220/215km/h	220/215km/h	240/235km/h
Fuel consumption (L/100km):	8.7(M) combined, 9.2(A) combined	8.7(M) combined, 9.2(A) combined	8.7(M) combined, 9.2(A) combined

## TRANSMISSION

Automatic:	Five-speed with Geartronic (AW55-51)	Five-speed with Geartronic (AW55-51)	Five-speed with Geartronic (AW55-51)
Manual:	Five-speed (M56H)	Five-speed (M56H)	Six-speed (M66W)
Drive:	Front wheel	Front wheel	Front wheel
Gear ratios (Manual):	1st – 3.07 2nd – 1.77 3rd – 1.19 4th – 0.87 5th – 0.70 Reverse – 2.99 Final – 4.25	1st – 3.07 2nd – 1.77 3rd – 1.19 4th – 0.87 5th – 0.70 Reverse – 2.99 Final – 4.25	1st – 3.39 2nd – 1.91 3rd – 1.27 4th – 0.95 5th – 0.78 6th – 0.65 Reverse – 3.20 Final – 3.77
Gear ratios (Automatic):	1st – 4.66 2nd – 3.03 3rd – 1.98 4th – 1.34 5th – 1.02 Reverse – 5.11 Final – 2.44	1st – 4.66 2nd – 3.03 3rd – 1.98 4th – 1.34 5th – 1.02 Reverse – 5.11 Final – 2.44	1st – 4.66 2nd – 3.03 3rd – 1.98 4th – 1.34 5th – 1.02 Reverse – 5.11 Final – 2.27

## STEERING & BRAKES

Steering system:	Rack and pinion, electro-hydraulic assisted	Rack and pinion, electro-hydraulic assisted	Rack and pinion, electro-hydraulic assisted
Turning diameter:	10.6 metres, 2.9 turns lock-to-lock	10.6 metres, 2.9 turns lock-to-lock	10.6 metres, 2.9 turns lock-to-lock
Front brakes:	Ventilated 300mm discs, twin-piston aluminium calipers	Ventilated 300mm discs, twin-piston aluminium calipers	Ventilated 300mm discs, twin-piston aluminium calipers
Rear brakes:	Solid 280mm discs, twin-piston aluminium calipers	Solid 280mm discs, twin-piston aluminium calipers	Solid 280mm discs, twin-piston aluminium calipers
ABS:	ABS system with EBD	ABS system with EBD	ABS system with EBD
Stopping distance (100km/h-0):	38 metres	38 metres	38 metres

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Suspension:	Front: coil spring strut, lower link, w/ anti-roll bar	Front: coil spring strut, lower link, w/ anti-roll bar	Front: coil spring strut, lower link, w/ anti-roll bar
	Rear: independent multi-link, coil spring w/ anti-roll bar	Rear: independent multi-link, coil spring w/ anti-roll bar	Rear: Independent multi-link, coil spring w/ anti-roll bar
Wheels & tyres:	'Castalia' 16x6.5-inch aluminium-alloy 205/55 91W tyres	'Caligo' 16x6.5-inch aluminium-alloy 205/55 91W tyres	'Stylla' 17x7-inch aluminium-alloy 205/50 89W tyres

**MEASUREMENTS****Exterior**

Length:	4468mm	4468mm	4468mm
Width:	1770mm	1770mm	1770mm
Height:	1452mm	1452mm	1452mm
Wheelbase:	2640mm	2640mm	2640mm
Track, front:	1535mm	1535mm	1535mm
Track, rear:	1531mm	1531mm	1531mm

**Interior**

Headroom (f/r):	988/945mm (without sunroof)	988/945mm (without sunroof)	988/945mm (without sunroof)
Shoulder (f/r):	1402/1374mm	1402/1374mm	1402/1374mm
Cargo volume:	404 litres (ISO V210)	404 litres (ISO V210)	404 litres (ISO V210)
Load length:	976mm (L211)	976mm (L211)	976mm (L211)
Load length with rear seat folded:	1745mm	1745mm	1745mm

**CAPACITY & WEIGHTS**

Load capacity:	450kg	450kg	450kg
Maximum trailer weight (braked):	1500kg	1500kg	1500kg
GVM:	1875kg	1875kg	1875kg
Kerb weight:	1399kg	1423kg	1427kg
Fuel tank:	62 litres	62 litres	62 litres
Power/weight:	11.19kg/kW	11.38kg/kW	8.81kg/kW

**STANDARD FEATURES**

Dala T-Tec upholstery	(above S40 2.4)	(above S40 2.4 SE)
Climate control air conditioning	Five-speed automatic transmission	Six-speed manual transmission
Integrated rear seat child booster cushions	'Caligo' 16x6.5-inch aluminium-alloy wheels	Aluminium interior inlay
Split folding rear seat (1/3 to 2/3)	Leather seats, steering wheels, gear knob	Cabin Air Quality System
Cabin pollen filter	Wood-effect interior inlays	High performance sound (8 speakers) CD player
Electronically adjustable door mirrors	Front seat, electrically adjustable, driver	Bi-Xenon headlights including headlight wash system
Electronically operated door windows	Trip computer	Dynamic Stability Traction Control (DSTC)
Cruise control	Floor mats	'Stylla' 17x7-inch aluminium-alloy wheels
16x6.5-inch aluminium-alloy wheels	Retractable door mirrors	
Performance sound system (6 speakers) single CD	Child rear seat booster cushion	
Audio & cruise controls on steering wheel	Features' value of SE upgrade: \$8575*	
Electronic immobilizer	Includes \$2000 for five-speed automatic transmission	
Approach lighting		
Home safe lighting		
Childproof door locks		
Foglights in front spoiler		
Puddle lights (under door mirrors)		
Retractable door mirrors		
Child rear seat booster cushion		

**STANDARD SAFETY FEATURES**

ABS anti-locking brakes with EBD	ABS anti-locking brakes with EBD	ABS anti-locking brakes with EBD and EBA
Driver and passenger dual-stage airbags	Driver and passenger dual-stage airbags	Driver and passenger dual-stage airbags
Inflatable Curtain (IC) front and rear passengers	Inflatable Curtain (IC) front and rear seats	Inflatable Curtain (IC) front and rear seats
Side Impact Protection System (SIPS)	Side Impact Protection System (SIPS)	Side Impact Protection System (SIPS)
SIPS bags, front seats, protect head and chest	SIPS bags, front seats, head and chest	SIPS bags, front seats, head and chest
Front safety belts, automatic height adjustment and belt tensioner	Front safety belts, automatic height adjustment and belt tensioner	Front safety belts, automatic height adjustment and belt tensioner
Three-point inertia reel safety belts, head restraints and anti-submarining on all seats	Three-point inertia reel safety belts, head restraints and anti-submarining on all seats	Three-point inertia reel safety belts, head restraints and anti-submarining on all seats
Whiplash Protection System (WHIPS)	Whiplash Protection System (WHIPS)	Whiplash Protection System (WHIPS)
Stability Traction Control (STC)	Stability Traction Control (STC)	Dynamic Stability Traction Control (DSTC)
IDIS – Intelligent Driver Information System (debut technology)	Stability Traction Control (STC)	IDIS – Intelligent Driver Information System (debut technology)
Collapsible pedals	Collapsible pedals	Collapsible pedals
Seatbelt warning for rear passengers (display on instrument panel)	Seatbelt warning for rear passengers (display on instrument panel)	Seatbelt warning for rear passengers (display on instrument panel)

**NOTABLE OPTIONS**

17x7-inch alloy wheels w/ 205-50 tyres – \$1500  
Metallic paint – \$1350  
Leather seats, steering wheel, gear knob – \$3600  
Wood-effect interior inlay – \$345  
Aluminium interior inlay – \$545  
Cabin Air Quality System – \$250  
Front seat, electronically adjustable, driver – \$1950  
Trip computer – \$555  
High performance sound (8 speakers) – \$1350  
Premium performance sound (12 speakers) – \$2250  
Six-stacker CD – \$795  
Sunroof, glass, electronically operated – \$2150  
Bi-Xenon headlights – \$2250  
Dynamic Stability Traction Control (DSTC) – \$2190  
Laminated side windows – \$490  
Rain-sensor wipers – \$250  
Heated front seats – \$315

17x7-inch aluminium-alloy wheels w/ 205-50  
tyres – \$1500  
Metallic paint – \$1350  
Aluminium interior inlay – \$245  
Cabin Air Quality System – \$250  
Front seat, electronically adjustable, passenger  
– \$1950  
High performance sound (8 speakers) – \$1350  
Premium performance sound (12 speakers)  
– \$2280  
Six-stacker CD – \$795  
Sunroof, glass, electronically operated – \$2150  
Bi-Xenon headlights – \$2250  
Dynamic Stability Traction Control (DSTC)  
– \$2190  
Laminated side windows – \$490  
Rain-sensor wipers – \$250  
Heated front seats – \$315

Integrated rear seat child booster cushions  
– \$550  
Front seat, electronically adjustable, passenger  
– \$1950  
Sunroof glass, electronically operated – \$2150  
Premium performance sound (12 speakers)  
– \$930  
Six-stacker CD – \$795  
Metallic paint – \$1350  
Laminated side windows – \$490  
Rain-sensor wipers – \$250  
Heated front seats – \$315