



Position:	Subject:	Code:	Notes:
0	Start character	*	Fixed character
1-3	International Identification code for manufacturer	YV1	Volvo Car Corporation
4	Vehicle type	V	S40, V40
5	Variant	S W	4 door saloon (S40) 5 door estate car (V40)
6-7	Engine type	10 11 12 13 14 15 16 17 18 19	<p>B4164S2, 1587cc Variable intake valve control, multi-point injection, 16V, catalytic converter, Heated oxygen sensors (HO2S), EVAP</p> <p>B4164S, 1588cc. Multi-point injection, 16V, catalytic converter, Heated oxygen sensors (HO2S), EVAP</p> <p>B4184S, 1731cc. Multi-point injection, 16V, catalytic converter, Heated oxygen sensors (HO2S), EVAP</p> <p>B4184SM, 1834cc. Multi-point injection, 16V, catalytic converter, Heated oxygen sensors (HO2S), EVAP</p> <p>B4184S2, 1783cc Variable intake valve control, multi-point injection, 16V, catalytic converter, Heated oxygen sensors (HO2S), EVAP</p> <p>B4184S3, 1783cc Variable intake valve control, multi-point injection, 16V, catalytic converter, Heated oxygen sensors (HO2S), EVAP</p> <p>B4204S, 1948cc. Multi-point injection, 16V, catalytic converter, Heated oxygen sensors (HO2S), EVAP</p> <p>B4204S2, 1948cc Variable intake valve control, multi-point injection, 16V, catalytic converter, Heated oxygen sensors (HO2S), EVAP</p> <p>B4194T, 1855cc Multi-point injection, 16V, catalytic converter, 2 Heated oxygen sensors (HO2S), EVAP</p> <p>B4204T, 1948cc Multi-point injection, 16V, catalytic converter, Heated oxygen sensors (HO2S), EVAP</p>

## 1. General

### 02 Specifications

Position:	Subject:	Code:	Notes:
		24	B4194T2, 1855cc Multi-point injection, 16V, catalytic converter, Heated oxygen sensors (HO2S), EVAP
		25	B4204T2, 1948cc Variable exhaust valve control (only USA), multi-point injection, 16V, catalytic converter, Heated oxygen sensors (HO2S), EVAP
		26	B4184SJ, 1843cc Multi point injection, 16V, catalytic converter, Heated oxygen sensors (HO2S), EVAP
		27	B204T4, 1948cc (only USA) Variable exhaust valve control, multi-point injection, 16V, catalytic converter, Heated oxygen sensors (HO2S), EVAP
		28	B4184S10 LPG Variable intake valve control, multi-point injection, 16V, catalytic converter, Heated oxygen sensors (HO2S), EVAP
		29	B4204T3, 1948cc Variable exhaust valve control, multi-point injection, 16V, catalytic converter, Heated oxygen sensors (HO2S), EVAP
		30	B4184S9 LPG Variable intake valve control, multi-point injection, 16V, catalytic converter, Heated oxygen sensors (HO2S), EVAP
		37	B4204T5, 1948cc Variable exhaust valve control, multi-point injection, 16V, catalytic converter, Heated oxygen sensors (HO2S), EVAP
		70	D4192T3, 1870cc Direct injection turbo diesel, common rail, 8V, heated oxygen sensor (HO2S). Electronically controlled throttle.
		71	D4192T, 1870cc. Turbo diesel with oxycat, 8V
		73	D4192T2, 1870cc Direct injection turbo diesel with oxycat, 8V Electronically controlled throttle.
		78	D4192T4, 1870cc Direct injection turbo diesel, common rail, 8V, heated oxygen sensor (HO2S). Electronically controlled throttle.

Position:	Subject:	Code:	Notes:
8	Emission code	0	Heated oxygen sensor (HO2S), air pump, or EVAP
		1	Catalytic converter, EGR proportional.
		2	Heated oxygen sensor (HO2S), catalytic converter, or EVAP, OBD
		3	Heated oxygen sensor (HO2S), catalytic converter, or EVAP, EOBD
		4	Heated oxygen sensor (HO2S), catalytic converter, or EGR, or EVAP
		5	Emission code: R1 CCAT, RULO ORVR, L SONND, OBD2, VVTETP Engine:27
		6	Emission code: U1 HO2S, CAT, ETIP, VVT, EL EVAP, EOBD Engine: 29, 37
		7	Emission code: P2 L SONND, CAT, EGR EL, EL EVAP, EOBD Engine: 26
		F	EL EVAP, VVT, CAT, LSONND
		K	Emission code: L4 EL EVAP, VVT, EOBD, CAT, LSONND. Engines without turbocharger (TC) Engine: 10, 14, 15, 28, 30, 17
8	EGR EL. OBD, CCC. D4192Tx. Emissions: H2		
9	Gearbox	0	JB3
		2	M56
		3	MT5, JB3 - JC5
		5	MT5, M5M42 (F5M42)
		6	Automatic: AW50-42LE
		9	Automatic: AW55-50SN
10	Model Model year	0	For France always zero (0)
		T	1996
		V	1997
		W	1998
		X	1999
		Y	2000
		1	2001

## 1. General

### 02 Specifications

Position:	Subject:	Code:	Notes:
		2	2002
		3	2003
		4	2004
11	Factory code	F L 4 5 7 K	NedCar/ Born, The Netherlands. South Africa Thailand Malaysia Indonesia Botswana
12-17	Chassis number		6 digit serial number. See:Chassis number engine-gearbox combination.
18	Final character	*	Fixed character.

## 2. Product plate

On the cowl panel in the centre, below the windscreen (see illustration).

VOLVO CAR CORPORATION			
"A"			
"B"			
"C1"			kg
"C2"			kg
1-	"C3"		kg
2-	"C4"	"C5" kg	
MADE IN THE NETHERLANDS			
"D"	"E"		"F"
"G"	"H"		
"I"			

"A" = WVTA No

Whole Vehicle Type Approval.

See chapter: Tables, market codes

"B" = VIN - code (Vehicle Identification Number).

For certain markets there is a separate VIN plate positioned on top of the dashboard

"C1" = Maximum permitted total weight

"C2" = Maximum permitted weight for car + trailer

"C3" = Maximum permitted front axle weight

"C4" = Maximum permitted rear axle weight

"C5" = Maximum permitted rear axle weight when towing a trailer (to 1997)

"D" = Colour code, exterior

"E" = Colour code, interior

"F" = Marketing code.

See Chapter: Tables, market codes

"G" = Chassis code, 6 characters.

The chassis code has 6 positions as follows:

Positions 1+2: Indicates the specification of the front spring strut.

Position 3: Indicates the dimensions of the front anti-roll bar.

See information in chapter; Front suspension, 6 (61)

Positions 4 and 5: Indicates the specification for shock absorber.

Position 6: Indicates the dimensions of the rear anti-roll bar.

See information in chapter; Rear wheel suspension, 6 (65)

"H" = Month and year of manufacture

"I" = VIN code, only certain markets.

## 1. General

### 02 Specifications

#### 3. Engine type designation, manufacturing code and part numbers

3a: B4XX4SX, B4XX4TX.

Decal on the timing cover.

Also stamped on the right of cylinder block, above the water pump housing, between the timing cover and manifold.

3b1: D4192T. Decal on the cylinder block, oil dipstick side.

3b2: D4192T2/T3/T4. Stamped on the cylinder block, oil dipstick side.

3c: B4184SM/SJ. Stamped on the cylinder block, exhaust side.

Note! The letter "F" in the engine designation is not stamped and is not on the decal either.

#### 4. Gearbox type designation and manufacturing serial number

4a: Manual gearbox JB3, JC5 stamped on the underside.

Note! Earlier cars have a steel decal on the top.

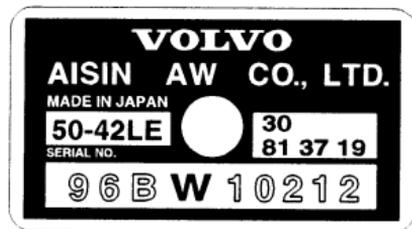
JB3 refers to M3P

JC5 refers to M5P/M5D

4b: Automatic gearbox. Decal on top.

4c: Manual gearbox M56. Decal on top.

4d: Manual gearbox M5M42/F5M42. Stamped on top of the clutch housing including a Volvo decal (K75M42/M5M42 is for F5M42).



96	Year of manufacture
B	Month of manufacture
W	Model AT (W: indicates 50-42LE) (V: indicates 55-50SN)
1 (0212)	Production NedCar
(1) 0212	Serial number for production month
30 81 37 19	Volvos P/N

#### 5. Tyre pressures:

Decal on the inside of the driver's door.

Also see 77 wheels and tyres

Chassis number engine- gearbox combination

Model Year:	Year Code:	Chassis number:	Engine:	Gearbox:	Gear ratio:
1996	T	000.001 -030999	B4184S	JB3	3.87
			B4204S	JB3/France	3.73
				AW50-42LE	3.09
				JC5	4.07
				AW50-42LE	4.09
D4192T	JC5	3.44			
1997	V	031.000 -129999	B4164S	JB3	4.07
			B4184S	JB3	3.87
				JB3/France	3.73
				AW50-42LE	3.10
				JC5	4.07
B4204S	AW50-42LE	3.10			
	JC5	3.44			
1998	W	130.000 - 314999	B4164S	JB3	4.07
			B4184S	JB3	3.87
				JB3/France	3.73
				AW50-42LE	3.10
			B4204S	JC5	4.07
				AW50-42LE	3.10
			B4184SM	F5M42/M5M42	3.72
			D4192T	JC5	3.44
			B4194T	M56L2	4.25
AW50-42LE	2.56				
B4204T	M56H1	4.00			
AW50-42LE	2.76				
1999	X	315.000 - 414999	B4164S	JB3	4.07
			B4184S	JB3	3.87
				AW50-42LE	3.10
			B4204S	JC5	4.07
				AW50-42LE	3.10
B4184SM	F5M42/M5M42	3.72			
D4192T	JC5	3.44			

1. General

02 Specifications

Model Year:	Year Code:	Chassis number:	Engine:	Gearbox:	Gear ratio:
			D4192T2	JC5	3.44
			B4194T	M56L2	4.25
				AW50-42LE	2.56
			B4204T	M56H	4.00
				AW50-42LE	2.76
2000	Y	415.000 - 599999	B4164S2	JB3	4.07
			B4184S2	JC5	3.87
				AW50-42LE	3.10
			B4184S3	JC5	3.87
				AW50-42LE	3.10
			B4204S2	M56	4.45
				AW50-42LE	3.10
			B4184SM	M5M42	3.72
			B4194T2	M56L2	4.25
				AW50-42LE	2.56
			B4204T2	M56H	4.00
				AW50-42LE	2.76
			D4192T2	JC5	3.44
2001	1	600.000-799999	B4164S2	JB3	4.07
			B4184S2,S3	JC5	3.87
				AW55-50SN	2.86
			B4184SM/SJ <sup>1</sup>	M5M42	3.72
			B4184S9,S10	JC5	3.87
			B4204S2	M56H	4.45
				AW55-50SN	2.86
			B4204T5	M56H2	4.25
				AW55-50SN	2.44
			B4204T3	M56H	4.00
				AW55-50SN	2.44
			D4192T3	M56L2	3.77
			D4192T4	M56L2	3.77

<sup>1</sup> B4184SM Ch -632170 B4184SJ Ch 632171-

Chassis number engine- gearbox combination

Model Year:	Year Code:	Chassis number:	Engine:	Gearbox: <sup>1</sup>	Gear ratio:
2002	2	800.000-919999	B4164S2	JB3	4.07
			B4184S2,S3	JC5	3.87
				AW55-50SN	2.86
			B4184SJ	M5M42	3.72
			B4184S9,S10	JC5	3.87
			B4204S2	M56H	4.45
				AW55-50SN	2.86
			B4204T5	M56H2	4.25
				AW55-50SN	2.44
			B4204T3	M56H	4.00
AW55-50SN	2.44				
D4192T3	M56L2	3.77			
D4192T4	M56L2	3.77			
2003	3	920000-019999	B4164S2	JB3	4.07
			B4184S2,S3	M56H	4.45
				AW55-50SN	2.86
			B4184SJ	M5M42	3.72
			B4184S9,S10	JC5	3.87
			B4204S2	M56H	4.45
				AW55-50SN	2.86
			B4204T5	M56H2	4.25
				AW55-50SN	2.44
			B4204T3	M56H	4.00
AW55-50SN	2.44				
D4192T3	M56L2	3.77			
D4192T4	M56L2	3.77			

<sup>1</sup> MT (manual gearbox) = Mechanical speedometer drive 97 - completely electronic speedometer drive. AUT (automatic gearbox) = Electronic speedometer drive.

## 1. General

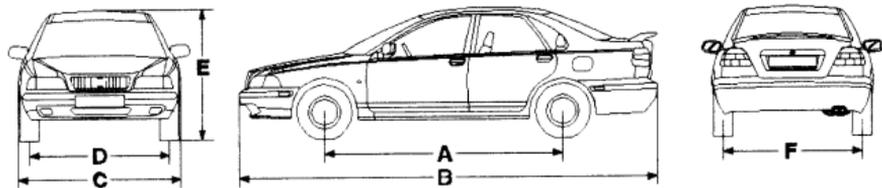
### 02 Specifications

#### Chassis number engine- gearbox combination

Model Year:	Year Code:	Chassis number:	Engine:	Gearbox: <sup>1</sup>	Gear ratio:
2004	4	020000-	B4164S2	JB3	4.07
			B4184S2,S3	M56H	4.45
				AW55-50SN	2.86
			B4184SJ	M5M42	3.72
			B4184S9,S10	JC5	3.87
			B4204S2	M56H	4.45
				AW55-50SN	2.86
			B4204T3	M56H	4.00
AW55-50SN	2.44				
D4192T3	M56L2	3.77			
D4192T4	M56L2	3.77			

<sup>1</sup> MT (manual gearbox) = Mechanical speedometer drive 97 - completely electronic speedometer drive. AUT (automatic gearbox) = Electronic speedometer drive.

Dimensions



Dimensions

A	Wheelbase .....	-2000	2550	100.39"
	Wheelbase .....	2001-	2562	100.87"
B	Length .....		4516	177.79"
	Length / Canada .....		4541	178.78"
C	Width (excluding door mirrors):			
	- 97 .....		1717	67.60"
	98 - .....		1719	67.68"
	2001- .....		1716	67.56"
D	Front track width .....	-2000	1458	57.40"
	Front track width .....	2001-	1472	57.95"
E	Height (Tyre 195/55-R15):			
	S40, 4-door .....		1422	55.98"
	V40, 5-door .....		1425	56.10"
F	Rear track width .....		1472	57.95"

Specifications

Cd values S40: 0.31-0.32, V40: 0.32-0.33

Ground clearance (195/60-R15): 147mm, 2 people

Turning circle: 10.6 m,

Cars fitted with 17" wheels and 215x45 tyres: 11.2 m

Fuel tank capacity: 60 litre

## 1. General

### Dimensions

#### Vehicle weight in kg

	S40	V40
Approximate weight of empty car with the fuel tank filled to at least 92% Weight varies depending on version and equipment.	- 1997: 1214 - 1264 kg (2676 -2787 US lb) 1998 -: 1231 - 1294 kg (2714 -2853 US lb) LPG: 1316 kg	- 1997: 1234 - 1284 kg (2720 -2831 US lb) 1998 -: 1252 - 1316 kg (2760 - 2901 US lb) LPG: 1341 kg
Total maximum weight .....	1780 (3924.2 US lb.)	1800 (3968.3 US lb.)
Maximum roof load .....	100 kg (220.5 US lb.)	100 kg (220.5 US lb.)

#### Maximum trailer weight

Trailer:	B4164S2 B4184SX B4184SM/SJ	B4194T B4204TX D4192TX	B4204SX	B4164S
-Braked .....	1200 kg	1400 kg	1400 kg	1000 kg
-Unbraked .....	665 kg	665 kg	665 kg	665 kg

#### Speed limiting, braked trailer

Europe	100 km/h
Germany, Sweden, Holland	80 km/h
France	130 km/h