



Volvo Car USA, LLC

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Administrator
National Highway Traffic Safety Administration
1200 New Jersey Avenue, SE
Washington, D.C. 20590

Subject: Updated 49 CFR Part 565 “Vehicle Identification Number” for MY 2020 Volvo vehicles.

Volvo Car USA, LLC (VCUSA) on behalf of Volvo Car Group, in accordance with the reporting requirements for 49 CFR Part 565 “Vehicle Identification Number”, is submitting an update to the MY2020 Volvo VIN decoding information.

Updates to the document pertain to Positions 1-3 “Manufacturer Code” exclusively. They include the removal of the “LYV” Manufacturer code for the XC60 and the removal of the referenced vehicles contained within brackets.

If you have any questions, please contact me at (617) 784-6027 or Bruno DiGennaro of my staff at (201) 218-7106

Sincerely yours,

A handwritten signature in black ink that reads "Jason J. Guidi". The signature is written in a cursive style.

VOLVO CAR USA, LLC

Jason Guidi
Director, Certification, Regulatory & Compliance



Volvo MY2020 VIN decoder – USA/Canada

Pos 1-3 Manufacturer code:

- YV1 For all vehicles except XC & CC
- YV4 For XC & CC vehicles
- LVY S90
- 7JR S60

Pos 4-5 Engine Version:

Engine	Engine Code (pos.4 & 5)	Fuel Utilized	# of cylinders	Displacement (liters)	Net-brake hp / RPM	Vehicle Engine Availability
B4204T (MP)	10	Gasoline	4	2.0	250/5500	S60 T5 FWD V60 T5 FWD V60CC T5 AWD V90 T5 FWD XC60 T5 (FWD/AWD) XC90 T5 (FWD/AWD)
B4204T (MP)	16	Gasoline	4	2.0	248/5500	XC40 T5 AWD
B4204TS (HP)	A2	Gasoline	4	2.0	316/5700	S60 T6 AWD V60 T6 AWD S90 T6 AWD V90 T6 AWD V90CC T6 AWD XC60 T6 AWD XC90 T6 AWD
B4204T	AC	Gasoline	4	2.0	187/4700	XC40 T4 FWD XC40 T4 AWD
B4204TSH (HP)	BR	Gas/EL-Hybrid	4	2.0	313 (+87*)/6000	S60 T8 V60 T8 S90 T8 XC60 T8 XC90 T8
B4204TSH (HP)	BK	Gas/EL-Hybrid	4	2.0	328 (+87**)/6000	S60 T8 Polestar Engineered V60 T8 Polestar Engineered XC60 T8 Polestar Engineered

*with electric motor

**with electric motor @ 7,000 RPM

Pos 6: Version Divider: (formerly emission code)

- 0 TZEV (XC90/XC60/S90 PHEV/S60/V60 Polestar Engineered)
- 2 ULEV (XC40/V90/V90CC/XC90/XC60/S90)
- 2 SULEV (V90/V90CC/XC90/XC60/S90/S60/V60)



Volvo MY2020 VIN decoder – USA/Canada

Pos 7 Vehicle Series: (VIN positions 7&8 = restraint category, refer to Restraint systems tables)

A	S90	FWD/eAWD (T8)
B	V90 Cross Country	FWD
C	XC90 7-seat	FWD/eAWD (T8)
D	XC60	FWD/eAWD (T8)
E	V60	FWD/eAWD (T8)
F	S60	FWD/eAWD (T8)
G	V90	FWD
H	XC40	FWD
M	S90	AWD
N	V90 Cross Country	AWD
P	XC90 7-seat	AWD
R	XC60	AWD
S	V60	AWD
T	S60	AWD
U	XC40	AWD
V	V90	AWD
W	V60 Cross Country	AWD
K	XC90 5-seat (Fleet Sales)	FWD/eAWD (T8)
1	XC90 6-seat	AWD
0	XC90 6-seat	FWD/eAWD (T8)

Pos 8 Trim Level: (VIN positions 7&8 = restraint category, refer to Restraint systems tables)

K	Momentum
L	Inscription
M	R-Design
P	R-Design+Polestar Engineered
T	Ocean Race
U	Fleet Sales
Z	R-design (Momentum)

Pos 9 Check Digit:

0-9 and X

Pos 10 Model Year Code:

L 2020 year models

Pos 11 Factory Code:

1 Torslanda Plant, Sweden
 2 Ghent Plant, Belgium
 B Chengdu Plant, China
 P Daqing Plant, China
 G South Carolina, USA

Pos 12-17 Serial (Chassis) Number:

6 digit chassis number



Volvo MY2020 VIN decoder – USA/Canada

Volvo Engine Version Character Breakdown, EG: B4204T (pos. 4-5)				
1st=fuel type: (<u>B</u> =gasoline)	2nd=total cylinders: (<u>4</u>)	3rd&4th=displacement (liters) <u>2.0</u> liter	5th=valves per cylinder: (<u>4</u>)	6 th (7 th)=Induction method: T =Turbo, TS =Turbo & Supercharged, TSH =Turbo & Supercharged Hybrid MP =Medium Pressure HP =High Pressure

Volvo MY 2020 VIN number attributes – Passenger Car Restraint Systems

Model / Body Type	Pos 7	Pos 8	Restraint category
S90 FWD/AWD/Sedan	A, M,	Any Letter	3
S60 FWD/AWD/Sedan	T, F	Any Letter	3
V60 FWD/AWD/Wagon	S, E	Any Letter	3
XC40 FWD/SUV	H	Any Letter	3
V90 AWD / FWD wagon	G, V	Any Letter	3
V90CC FWD/Wagon	B	Any Letter	3
XC60 FWD/ SUV	D	Any Letter	3

Volvo MY 2020 VIN number attributes – Multi-Purpose Vehicle Restraint Systems

Model / Body Type	GVWR range (lbs.) & Class	Pos 7	Pos 8	Restraint category
XC40 AWD/ SUV	4001-5000 (C)	U	Any Letter	3
V60CC AWD/ SUV	4001-5000 (C)	W	Any Letter	3
XC40 AWD/ SUV (17w46-18w16)	4001-5000 (C)	X	Any Letter	3
V90CC AWD/ Wagon	5001-6000 (D)	N	Any Letter	3
XC60 AWD/ SUV	5001-6000 (D)	R	Any Letter	3
XC60 T8 Hybrid/ SUV	5001-6000 (D)	D	Any Letter	3
XC90 T8 Hybrid/ AWD / SUV (7-seat)	6001-7000 (E)	C	Any Letter	2
XC90 AWD/ SUV (7-seat)	6001-7000 (E)	P	Any Letter	2
XC90 (6-seat) AWD	6001-7000 (E)	1	Any Letter	3
XC90 (6-seat) T8 Hybrid	6001-7000 (E)	0	Any Letter	3
XC90 (5-seat) T8 Hybrid (Fleet Sales)	6001-7000 (E)	K	Any Letter	3

Restraint category	Restraint Devices and Location
1	3 point seatbelt on all designated seating positions, Driver airbag, Passenger airbag, Seat mounted side airbags (1st row), Inflatable curtain (1st & 2nd row)
2	3 point seatbelt on all designated seating positions, Driver airbag, Driver knee airbag, Passenger airbag, Seat mounted side airbags (1st row), Inflatable curtain (1st, 2nd & 3rd row)
3	3 point seatbelt on all designated seating positions, Driver airbag, Driver knee airbag, Passenger airbag, Seat mounted side airbags (1st row), Inflatable curtain (1 st & 2 nd row)