NOVA BUS

Sheet	1 OF 4
	W

Original Equipment Manufacturer (OEM)

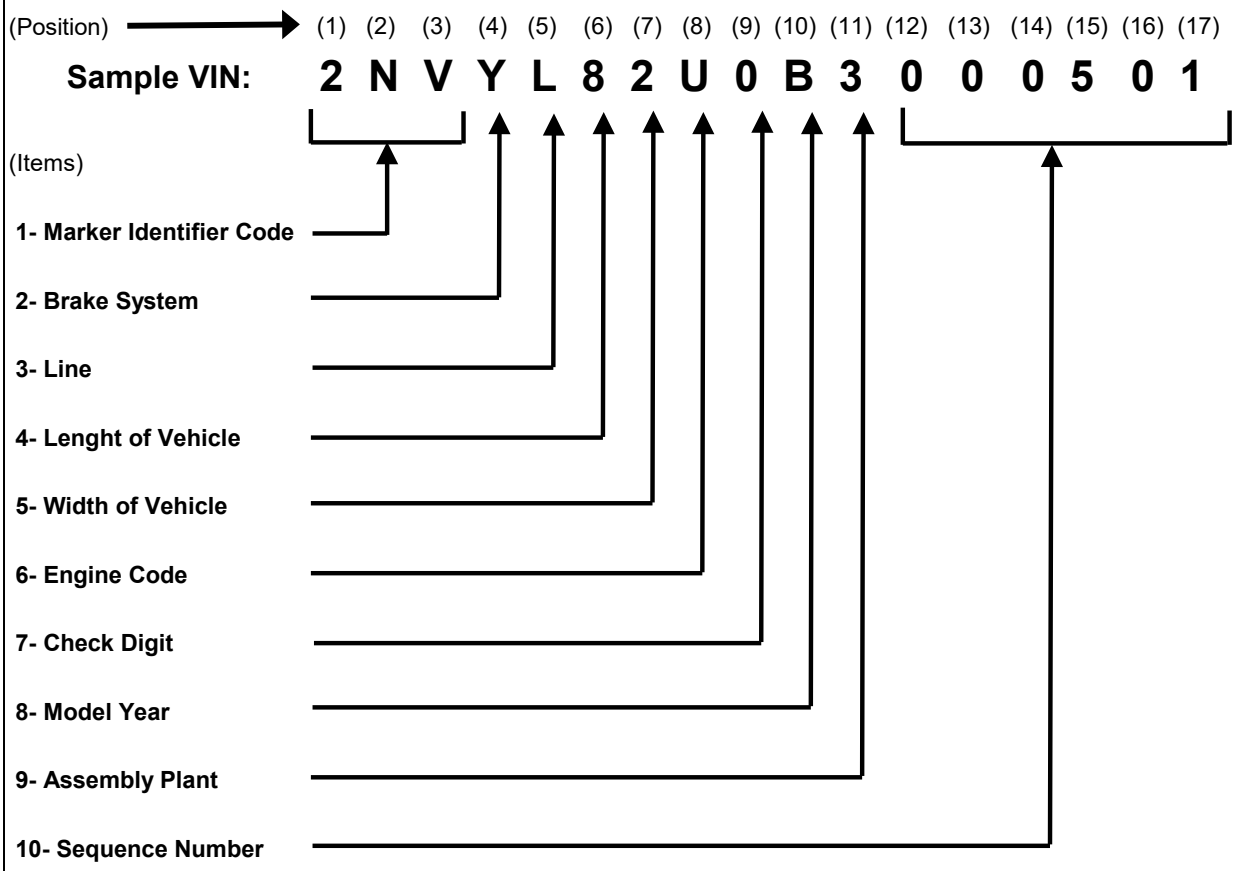
P/N	CMD4356

Description	VIN CODE INSTRUCTIONS

Rev	W
Org.EN	122914
Rev.EN	225388

Suggested Vendor	
Vendor P/N	
Ordering Unit	

TECHNICAL CHARACTERISTICS



Notes: Complies with CMVSS 115 and 49 CFR Part 565.

Second Vendor		Third Vendor	
Second Vendor P/N		Third Vendor P/N	

Finished parts to be identified as per Engineering Instruction EI97-016.

Les produits chimiques ou pièces livrées au Groupe Volvo doivent répondre aux requis indiqués dans les standards Volvo 100-0002, 100-0003 et 100-0005.
Chemical products or parts delivered to Volvo Group must fulfill the requirements stated in the Volvo standards 100-0002, 100-0003 and 100-0005.

Written by	Date	Revised by	Date	Change description
B RENAUD	1993-03-23	M SANTERRE	2022-02-09	SHEET 5 REMOVED J= "DIESEL 280 TOP 350hp" WAS "DIESEL" K="ALTERNATE FUEL (CNG) 280hp" WAS "ALTERNATE FUEL" L="HYBRID (DIESEL) 270 TO 330hp" WAS "HYBRID" M="ELECTRIC 270 TO 335hp" WAS "ELECTRIC"
Approved by	Date	Approved by	Date	
D PICARD	1993-03-23	R CHOUINARD	2022-02-09	
Checked by	Date	Checked by	Date	

FOR INTERNAL USE ONLY | REV/VER | STATUS | DATE

NOVA BUS

Sheet	2 OF 4

Original Equipment Manufacturer (OEM)

P/N	CMD4356

Description	VIN CODE INSTRUCTIONS

Rev	W
Org.EN	122914
Rev.EN	225388

TECHNICAL CHARACTERISTICS

VIN (Vehicle Identication Number)

The VIN code has 17 digits and the break down of these digits covers 10 items.

VIN - Code & Circulation

1- Marker Identification Code (Position 1, 2 , 3)

2NV	=	Nova Bus Inc.
4RK	=	Nova Bus (US) Inc.

2 - Brake System (Position 4)

Y	=	Air

3 - Line (Position 5)

T	=	Classic	OBSOLETE
R	=	Classic Articulated	
L	=	LFS	
S	=	LFS Artic	

4 - Lenght of Vehicle (Position 6) or Series

8	=	40 FT. LG.
9	=	60 FT. LG.

5 - Width of Vehicle (Position 7) or Body Type

2	=	102 in Wide

6 - Engine Code (Position 8)

A	=	CUMMINS ISL-G	OBSOLETE
B	=	HYBRID CUMMINS ISL BAE TB-300	
J	=	DIESEL 280 TO 350hp	
K	=	ALTERNATE FUEL (CNG) 280hp	
L	=	HYBRID (DIESEL) 270 TO 330hp	
M	=	ELECTRIC 270 TO 335hp	
N	=	DETROIT DIESEL SERIES 50	
P	=	DETROIT DIESEL SERIES 40	
R	=	DETROIT DIESEL SERIES 50 PROPANE	
S	=	CUMMINS ISC	
T	=	NO POWER TRAIN	
U	=	CUMMINS ISL	OBSOLETE
V	=	CUMMINS ISC NON TRANSIT	
W	=	HYBRID CUMMINS ISL - ALLISON EP 40	
X	=	HYBRID CUMMINS ISB - ALLISON EP 40	
Y	=	HYBRID CUMMINS ISL - ALLISON EV 50	
Z	=	HYBRID CUMMINS ISB BAE TB-200	

W

FOR INTERNAL USE ONLY | REV/VER | STATUS | DATE

NOVA BUS

Sheet	3 OF 4

Original Equipment Manufacturer (OEM)

P/N	CMD4356

Description	VIN CODE INSTRUCTIONS

Rev	W
Org.EN	122914
Rev.EN	225388

TECHNICAL CHARACTERISTICS

7 - Check Digit (Position 9)

The **Check Digit** must be calculated after all the other digits are assigned

A - Assign to each number in the VIN , its mathematical value and assign to each letter the value specified in the table below.

A = 1	J = 1	S = 2
B = 2	K = 2	T = 3
C = 3	L = 3	U = 4
D = 4	M = 4	V = 5
E = 5	N = 5	W = 6
F = 6	P = 7	X = 7
G = 7	R = 9	Y = 8
H = 8		Z = 9

B - Multiply the assigned value for each character in the VIN by the weight factor specified in the following table.

1st - 8	7th - 2	13th - 6
2nd - 7	8th - 10	14th - 5
3rd - 6	9th - (Check Digit)	15th - 4
4th - 5	10th - 9	16th - 3
5th - 4	11th - 8	17th - 2
6th - 3	12th - 7	

C - Add the resulting products and divide the total by 11,

D - The remainder is the **Check Digit**, if the remainder is 10, the **Check Digit** is X

Example:

VIN Position:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Sample VIN:	2	N	V	Y	T	8	2	J	7	P	3	0	0	0	0	0	1
Assign Value (A):	2	5	5	8	3	8	2	1	7	7	3	0	0	0	0	0	1
Multiply by weight factor (B):	8	7	6	5	4	3	2	10	0	9	8	7	6	5	4	3	2

Add Products: 16+35+30+40+12+24+ 4 +10 + 0 + 63 + 24 + 0 + 0 + 0 + 0 + 0 + 0 + 2 = 260

.(C): Divide by 11: 260 ÷ 11 = 23 7 / 11

The **Check Digit** = 7 (Position 9)

FOR INTERNAL USE ONLY

REV/VER | STATUS | DATE

NOVA BUS

Sheet	4 OF 4

Original Equipment Manufacturer (OEM)

P/N	CMD4356

Description	VIN CODE INSTRUCTIONS

Rev	W
Org.EN	122914
Rev.EN	225388

TECHNICAL CHARACTERISTICS

8- Model Year (Position 10)

From Jan 1 1981 @ Dec 31 1981, assign Year 1981 = B
From Jan 1 1982 @ Dec 31 1982, assign Year 1982 = C
and so on …

A =	1980	T =	1996	B =	2011
B =	1981	V =	1997	C =	2012
C =	1982	W =	1998	D =	2013
D =	1983	X =	1999	E =	2014
E =	1984	Y =	2000	F =	2015
F =	1985	1 =	2001	G =	2016
G =	1986	2 =	2002	H =	2017
H =	1987	3 =	2003	J =	2018
J =	1988	4 =	2004	K =	2019
K =	1989	5 =	2005	L =	2020
L =	1990	6 =	2006	M =	2021
M =	1991	7 =	2007	N =	2022
N =	1992	8 =	2008	P =	2023
P =	1993	9 =	2009	R =	2024
R =	1994	A =	2010	S =	2025
S =	1995			…	

9 - Assembly Plant (Position 11)

3	=	1000 Industriel Boulevard, Saint-Eustache, QC, Canada J7R 5A5
9	=	260 Banker Road, Plattsburgh, NY, US 12901
B	=	500 Condor Street, Saint-Eustache, QC, Canada J7P 0B4

10- Sequence Number (Position 12 @ 17)

For 1000 Industriel Boulevard, Saint-Eustache, QC, Canada J7R 5A5

until 2011 — Each year the sequence number starts at 000001 and continues in sequence with each successive bus, then starts again at 000001 for the next year.

2012 and after — The sequence number continues with the following number of year 2011.

Example: Year 2011 Last Bus 000650
Year 2012 1st Bus 000651

2016 and after: — The sequence number starts at 750000 and continues in sequence with each successive bus to 774999.

Example: Year 2016 Last Bus 750892
Year 2017 First Bus 750893

260 Banker Road, Plattsburgh, NY, US 12901

until 2011 — Each year the sequence number starts at 000001 and continues in sequence with each successive bus.

2012 and after — The sequence number starts at 500001 and continues in sequence with each successive bus.
Digit 5 (position 12) has been added.

Example: Year 2012 Last Bus 500225
Year 2013 1st Bus 500226

2016 and after — The sequence number starts at 775000 and continues in sequence with each successive bus to 799999.

Example: Year 2016 Last Bus 775791
Year 2017 First Bus 775792

FOR INTERNAL USE ONLY | REV/VER | STATUS | DATE