



Last Revised: 9 August 2017

New Flyer Bus VIN Methodology

as per CFR Title 49 transportation

PART 565 - VEHICLE IDENTIFICATION NUMBER (VIN) REQUIREMENTS

VIN Position	Digit Designation	Description	Status	Notes	Latest Revised
1		Destination City of Origin			
	2	All Customers (USA & Canada)	Inactive	1985 - 1997	1997
	1	USA & Canada (non- Buy America)	Inactive	1997 only	1997
	2	Canadian Consumer	Active	1997 onward	1997
	5	American Consumer	Active	1997 onward	1997
2 / 3	F Y	Assigned Manufacturer Identifier	By Regulation	By Regulation	By Regulation
4		Propulsion System			
	B	Electric Batteries	Active	2017 onward	2013
	C	Compressed Natural Gas	Active	1994 onward	1994
	D	Diesel	Active	1985 onward	1985
	E	Electric Trolley	Active	1992 onward	1992
	F	Fuel Cell	Active	1996 onward	2015
	G	Compressed Natural Gas / Electric Hybrid	Inactive	Never used	2013
	H	Diesel / Electric Hybrid	Active	1994 Onward	1994
	L	Liquid Natural Gas	Inactive	1994 - 2010	2013
	M	Methanol	Inactive	Never used	2013
	U	Gasoline / Electric Hybrid	Inactive	2005 - 2010	2013
5		Bus Series			
	1	Standard Model	Inactive	1985 - 1987	1987
	2	All Models	Inactive	1986 - 2004	2004
	3	Invero	Inactive	1999 - 2007	2013
	4	Low Floor	Inactive	2004 - 2013	2013
	5	Low Floor Restyled	Inactive	2005 - 2014	2014
	6	High Floor	Inactive	2004 - 2006	2013
	7	Low Floor Advanced (BRT)	Inactive	2006 - 2010	2013
	8	Xcelsior	Active	2008 onward	2007
	9	MiDi	Inactive	2014 - 2016	2017
6		Body Type			
	I,O,Q,X,Z	Alpha characters not used	N/A		N/A
	A	40 foot High Floor; single entrance door, single exit door	Inactive	1986 - 2000	2004
	B	40 foot High Floor; single entrance door, double exit door	Inactive	1987 - 1992	2004
	C	40 foot High Floor; double entrance door, double exit door	Inactive	1988 - 1993	2004
	D	40 foot High Floor; double entrance door, single exit door	Inactive	1988 - 1999	2004
	E	40 foot suburban	Inactive	1985 - 1991	2004
	F	40 Foot	Active	2004 onward	2004
	G	35 foot high Floor; single entrance door, single exit door	Inactive	1995 - 2004	2004
	H	35 foot High Floor; single entrance door, double exit door	Inactive	Never used	2004
	J	35 foot High Floor; double entrance door, single exit door	Inactive	1988 - 1996	2004
	K	35 Foot	Active	2004 onward	2004
	L	40 foot Low Floor	Inactive	1989 - 2004	2004
	M	60 foot artic High Floor; double entrance door, double exit door, double exit	Inactive	1989 - 1996	2004
	N	60 foot artic high Floor; double entrance door, double exit door,	Inactive	1990 - 2004	2004

	P	60 foot artic High Floor; double entrance door, single exit door	Inactive	1987 - 2001	2004
	R	60 foot artic High Floor; double entrance door, single exit, single exit	Inactive	1995 - 1996	2004
	S	35 Foot Low floor	Inactive	1997 - 2002	2004
	T	30 foot low floor	Inactive	1996 - 2004	2004
	U	60 foot low floor artic	Inactive	1995 - 2004	2004
	V	30 Foot	Active	2004 onward	2004
	W	45 Foot	Inactive	1999 - 2000	2004
	Y	60 Foot	Active	2004 onward	2004
7		Engine Type			
	I,O,Q	Alpha characters not used	N/A		N/A
	1	Diesel - Undetermined	Inactive	1985 - 1986	N/A
	7	Diesel - Undetermined	Inactive	1987	N/A
	A	Cummins QSB	Inactive	1987 - 1988	2013
	B	Cummins ISL 250 / 280 HP C Gas Plus (L9N)	Active	2008 onward	2008
	C	Cummins ISL 300 / 320HP C Gas Plus (L9N)	Active	Was Detriot Diesel 6V92TA, V-Drive 1988 - 1994	2010
	D	Cummins, V-drive	Inactive	1990 only	2010
	E	Reserved for Future Use	Inactive		
	F	Detroit Diesel 6V71TA, T-drive	Inactive	Never Used	2010
	G	Detroit Diesel 6V92TA, T-drive	Inactive	1988 - 2002	2010
	H	L10 Cummins, T- drive	Inactive	Never Used	2010
	J	Electric Drive	Active	1992 onward	1992
	K	Detroit Diesel Series 50, V-drive 250/275 HP	Inactive	1993 - 1994	2013
	L	Detroit Diesel Series 50, T-drive 250/275 HP Gas	Inactive	1993 - 2004	2013
	M	Detroit Diesel Series 50, 315/320/330 HP	Inactive	1991 - 2004	2013
	N	Navistar, Maxxforce 9	Inactive	1996 - 2003 & 2012	2013
	P	Cummins C8.3, T-drive 250/280 HP CNG	Inactive	1996 - 2007	2013
	R	Cummins ISB (B6.7)	Active	1994 onward	1994
	S	Cummins ISM 280/330 HP	Inactive	1998 - 2010	2013
	T	Detroit Diesel Series 60	Inactive	1996 - 1999	2010
	U	Cummins ISL 330 HP (L9)	Active	2002 onward	2002
	V	Cummins ISL 250 / 280 HP (L9)	Active	2002 onward	2002
	W	Caterpillar C9 330 HP	Inactive	2004 - 2007	2013
	X	Fuel Cell	Active	2004 onward	2015
	Y	Ford V10 Triton	Inactive	2005 - 2010	2013
	Z	John Deere CNG	Inactive	2005 - 2006	2013
8		Optional Spring Brake Release			
	0	Not Provided	Active	1987 onward	1987
	1	Provided	Active	1987 onward	1987
	B	Basic	Inactive	1985 - 1987	1987
	N	Not Provided	Inactive	1998 only - error	N/A
	Y	Provided	Inactive	2001 only - error	N/A
9	0-9 or X	Check Digit (auto generated)	By Regulation	By Regulation	By Regulation
10		Model Year			
	A,I,O,Q,U,Z	Alpha characters not used	By Regulation	By Regulation	By Regulation
	B-H,J-N,P,R-T,V-Y	1981 thru 2000	By Regulation	By Regulation	By Regulation
	Numeric 1 thru 9	2001 thru 2009	By Regulation	By Regulation	By Regulation
	A	2010	By Regulation	By Regulation	By Regulation
	B	2011	By Regulation	By Regulation	By Regulation
	C	2012	By Regulation	By Regulation	By Regulation

	D	2013	By Regulation	By Regulation	By Regulation
	E	2014	By Regulation	By Regulation	By Regulation
	F	2015	By Regulation	By Regulation	By Regulation
	G	2016	By Regulation	By Regulation	By Regulation
	H	2017	By Regulation	By Regulation	By Regulation
	J	2018	By Regulation	By Regulation	By Regulation
	K	2019	By Regulation	By Regulation	By Regulation
	L	2020	By Regulation	By Regulation	By Regulation
	M	2021	By Regulation	By Regulation	By Regulation
	N	2022	By Regulation	By Regulation	By Regulation
	P	2023	By Regulation	By Regulation	By Regulation
	R	2024	By Regulation	By Regulation	By Regulation
	S	2025	By Regulation	By Regulation	By Regulation
	T	2026	By Regulation	By Regulation	By Regulation
	V	2027	By Regulation	By Regulation	By Regulation
	W	2028	By Regulation	By Regulation	By Regulation
	X	2029	By Regulation	By Regulation	By Regulation
	Y	2030	By Regulation	By Regulation	By Regulation
	Numeric 1 thru 9	2031 thru 2039	By Regulation	By Regulation	By Regulation
11		Final Assembly Location			
	A	Winnipeg, MB	Inactive	2006 - 2008	2010
	B	St Cloud, MN	Active	2004 Onward	2004
	C	Crookston, MN	Active	2004 Onward	2004
	D	Winnipeg, MB - NPD 45 Begin Rd (as of June 2008)	Inactive	Demo Buses - 2008 - 2009	2010
	E	Winnipeg, MB - 630-79 Kernaghan (as of June 2008)	Inactive	All-Canadian Builds 2009 - 2011	2013
	F	Anniston, AL	Active	2014 Onward	2014
	N	Crookston, MN	Inactive	1999 only	2004
	O	Winnipeg, MB	Inactive	Proto 1992 only	2004
	P	CANADA	Inactive	1985 - 2004	2004
	U	USA	Inactive	1988 - 2004	2004
	Y	Fargo, ND	Inactive	1996 only	2004
12	Numeric 0-9	Build Sequence Number	Active		1985
13	Numeric 0-9	Build Sequence Number	Active		1985
14	Numeric 0-9	Build Sequence Number	Active		1985
15	Numeric 0-9	Build Sequence Number	Active		1985
16	Numeric 0-9	Build Sequence Number	Active		1985
17	Numeric 0-9	Build Sequence Number	Active		1985

NOTES:	Model Year/Model	Description
Position 7	2007-2008 E40LFR	For VIN Sequence numbers 031311, 032805 – 032831 and 033603 – 033612, position 7 was represented as an "A" and should have been "J".