



Freightliner

Cab and Chassis Vocational Reference Guide

General Information



Freightliner VIN Coding - Summary Sheet

VIN Key

Example of VIN	2	F	W	P	E	C	Y	B	3	X	A	3	4	5	6	7	8
Position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Decoding Table	A			B	C		D		E	F	G	Serial Number					

Table A

World Manufacturer Identification - Positions 1, 2 and 3			
Code	Manufacturer	Make	Type
1FU	DTNA	Freightliner	Truck
1FV	DTNA	Freightliner	Incomplete Vehicle
3AK	Daimler Commercial Vehicles Mexico	Freightliner	Truck
3AL	Daimler Commercial Vehicles Mexico	Freightliner	Incomplete Vehicle

Table B

Chassis - Position 4		
Code	Config.	Chassis
A	4 X 2	Truck
B	4 X 2	Truck-Tractor
C	8 X 8	Truck
D	4 X 4	Truck
E	4 X 4	Truck-Tractor
F	6 X 2	Truck
G	6 X 2	Truck-Tractor
H	6 X 4	Truck
J	6 X 4	Truck-Tractor
K	6 X 6	Truck
L	6 X 6	Truck-Tractor
M	8 X 4	Truck
N	8 X 4	Truck-Tractor

Chassis - Position 4		
Code	Config.	Chassis
P	8 X 6	Truck
R	8 X 6	Truck-Tractor
S	10 X 4	Truck
T	10 X 4	Truck-Tractor
U	10 X 6	Truck
V	10 X 6	Truck-Tractor
W	12 X 4	Truck
X	Glider	Glider
Y	8 X 2	Truck
Z	14 X 4	Truck
1	12 X 6	Truck
2	10 X 8	Truck

Table C

Model, Cab, GVWR - Position 5, 6			
Code	Model	Cab	GVWR
B9	Sport Chassis	Conventional	19,500 - 26,000 LB • CLASS 6
B0	Sport Chassis	Conventional	26,001 - 33,000 LB • CLASS 7
CV	M2 106 Medium Duty	Conventional	16,001 - 19,500 LB • CLASS 5
CW	M2 106 Medium Duty	Conventional	19,501 - 26,000 LB • CLASS 6
CX	M2 106 Medium Duty	Conventional	26,001 - 33,000 LB • CLASS 7
CY	M2 106 Medium Duty	Conventional	33,001 LB And Over • CLASS 8
C4	M2 112 Medium Duty	Conventional	26,001 - 33,000 LB • CLASS 7
C5	M2 112 Medium Duty	Conventional	33,001 LB And Over • CLASS 8
C8	M2 106 Medium Duty	Conventional	14,001 - 16,000 LB • CLASS 4
C9	Sport Chassis	Conventional	16,001 - 19,500 LB • CLASS 5
F1	Sport Chassis 112	Conventional	19,501 - 26,000 LB • CLASS 6
F3	Sport Chassis 112	Conventional	26,001 - 33,000 LB • CLASS 7
FC	M2 106 Sport Chassis	Conventional	16,001 - 19,500 LB • CLASS 5
FD	M2 106 Sport Chassis	Conventional	19,501 - 26,000 LB • CLASS 6
FE	M2 106 Sport Chassis	Conventional	26,001 - 33,000 LB • CLASS 7
FF	M2 112 Sport Chassis	Conventional	16,001 - 19,500 LB • CLASS 5
FG	M2 112 Sport Chassis	Conventional	19,501 - 26,000 LB • CLASS 6
FH	M2 112 Sport Chassis	Conventional	26,001 - 33,000 LB • CLASS 7
GA	Cascadia 113" Day cab	Conventional	26,001 - 33,000 LB • CLASS 7
GB	Cascadia 113" Day cab	Conventional	33,001 LB and over • CLASS 8
GC	Cascadia 113" Sleeper	Conventional	Glider
GD	Cascadia 125" Day cab	Conventional	26,001 - 33,000 LB • CLASS 7





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Table C

Model, Cab, GVWR - Position 5, 6			
Code	Model	Cab	GVWR
GE	Cascadia 125" Day	Conventional	33,501 LB and over • CLASS 8
GF	Cascadia 125" Sleeper	Conventional	Glider
GG	Cascadia 113" Sleeper	Conventional	26,001 - 33,000 LB • CLASS 7
GH	Cascadia 113" Sleeper	Conventional	33,001 LB and over • CLASS 8
GK	Cascadia 125" Sleeper	Conventional	26,001 - 33,000 LB • CLASS 7
GL	Cascadia 125" Sleeper	Conventional	33,001 LB And Over • CLASS 8
GN	SD122	Conventional	33,001 LB and over • CLASS 8
GP	Coronado 122	Conventional	33,001 LB And over • CLASS 8
GX	Coronado 132	Conventional	26,001 - 33,000 LB • CLASS 7
GY	SD122	Conventional	26,001 - 33,000 LB • CLASS 7
GZ	Coronado 122	Conventional	26,001 - 33,000 LB • CLASS 7
G2	MD109 Military	Conventional	33,001 LB and over • CLASS 8
G3	114SD	Conventional	33,001 LB and over • CLASS 8
G4	114SD	Conventional	Glider
G5	108SD	Conventional	33,001 LB and over • CLASS 8
G6	108SD	Conventional	Glider
G9	114SD	Conventional	26,001 - 33,000 LB • CLASS 7
G0	108SD	Conventional	26,001 - 33,000 LB • CLASS 7
HA	Cascadia 113" Day cab	Conventional	Glider
HB	Cascadia 125" Day cab	Conventional	Glider
HC	108SD	Conventional	19,501 - 26,000 LB • CLASS 6
HF	M2 112 Medium Duty	Conventional	19,501 - 26,000 LB • CLASS 6

Table C

Model, Cab, GVWR - Position 5, 6			
Code	Model	Cab	GVWR
HG	New Cascadia 126" Sleeper	Conventional	26,001 - 33,000 LB • CLASS 7
HH	New Cascadia 126" Sleeper	Conventional	33,001 LB And Over • CLASS 8
HJ	New Cascadia 126" Sleeper	Conventional	Glider
HK	New Cascadia 126" Day cab	Conventional	26,001 - 33,000 LB • CLASS 7
HL	New Cascadia 126" Day cab	Conventional	33,001 LB And Over • CLASS 8
HM	New Cascadia 126" Day cab	Conventional	Glider
HN	New Cascadia 116" Sleeper	Conventional	26,001 - 33,000 LB • CLASS 7
HP	New Cascadia 116" Sleeper	Conventional	33,001 LBS And Over • CLASS 8
HR	New Cascadia 116" Sleeper	Conventional	Glider
HS	Sport Chassis	Conventional	16,001 - 19,500 LB • CLASS 5
HT	New Cascadia 116" Day cab	Conventional	33,000 LB and over • CLASS 8
HU	New Cascadia 116" Day cab	Conventional	Glider
HV	M2 43N Ftl 116" Chassis	Conventional	26,001 - 33,000 LB • CLASS 7
HW	M2 43N Ftl 116" Chassis	Conventional	33,001 LB and over • CLASS 8
HX	M2 43N Ftl 126" Chassis	Conventional	26,001 - 33,000 LB • CLASS 7
HY	M2 43N Ftl 126" Chassis	Conventional	33,001 LB and over • CLASS 8
HZ	M2 43N Ftl 116" Glider	Conventional	Glider
H1	M2 43N Ftl 126" Glider	Conventional	Glider
H2	Electric 106" Day	Conventional	19,501 - 26,000 LB • CLASS 6
H3	Electric 106" Day	Conventional	26,001 - 33,000 LB • CLASS 7
H4	Electric 126" Day	Conventional	33,001 LBS and Over • CLASS 8



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Table D

Engine Brakes - Positions 7 and 8

Code	Engine	Fuel	Displacement	Config	Brakes
BN	Cummins B5.9	Diesel	5.9 liter	I-6	Air
BP	Cummins B5.9	Diesel	5.9 liter	I-6	Hydraulic
BR	Cummins B5.9	Diesel	5.9 liter	I-6	Air over Hyd
BS	Cummins ISC	Diesel	8.3 liter	I-6	Air
BT	Cummins ISC	Diesel	8.3 liter	I-6	Hydraulic
BU	Cummins ISC	Diesel	8.3 liter	I-6	Air Over Hyd.
BV	Cummins ISB	Diesel	5.9 liter	I-6	Air
BW	Cummins ISB	Diesel	5.9 liter	I-6	Hydraulic
BX	Cummins ISB	Diesel	5.9 liter	I-6	Air Over Hyd.
CY	Cummins ISL	Diesel	8.9 liter	I-6	Air
CZ	Cummins ISL	Diesel	8.9 liter	I-6	Hydraulic
C1	Cummins ISL	Diesel	8.9 liter	I-6	Air Over Hyd.
DG	Mercedes-Benz MBE-900	Diesel	4.8 liter	I-4	Air
DH	Mercedes-Benz MBE-900	Diesel	4.8 liter	I-4	Hydraulic
DJ	Mercedes-Benz MBE-900	Diesel	7.2 liter	I-6	Air
DK	Mercedes-Benz MBE-900	Diesel	7.2 liter	I-6	Hydraulic
CY	Cummins ISL	Diesel	8.3 liter	I-6	Air Over Hyd.
DR	Detroit Dd15 TCO	Diesel	14.8 liter	I-6	Air
DS	Detroit Dd15 TCO	Diesel	14.8 liter	I-6	Hydraulic
DT	Cummins ISB	Diesel	6.7 liter	I-6	Air
DU	Cummins ISB	Diesel	6.7 liter	I-6	Hydraulic
DV	Detroit DD13	Diesel	12.8 liter	I-6	Air
DW	Detroit DD13	Diesel	12.8 liter	I-6	Hydraulic
DX	Cummins ISL G	N. Gas	8.9 liter	I-6	Air
DY	Cummins ISL G	N. Gas	8.9 liter	I-6	Hydraulic
D1	Detroit DD16	Diesel	15.6 liter	I-6	Air
D2	Detroit DD8	Diesel	7.7 liter	I-6	Air
D3	Detroit DD8	Diesel	7.7 liter	I-6	Hydraulic
D4	Cummins ISX12	Diesel	11.9 liter	I-6	Air
D5	Detroit Dd15 EV	Diesel	14.8 liter	I-6	Air
D6	Detroit Dd15 TC	Diesel	14.8 liter	I-6	Air
D7	Detroit Dd15 EV	Diesel	14.8 liter	I-6	Hydraulic

Engine Brakes - Positions 7 and 8

Code	Engine	Fuel	Displacement	Config	Brakes
D8	Detroit Diesel Dd15 TC	Diesel	14.8 Liter	I-6	Hydraulic
D9	Cummins ISX12G	N. Gas	11.9 Liter	I-6	Air
FA	Detroit Diesel DD5	Diesel	5.1 Liter	I-4	Hydraulic
FB	Detroit Diesel DD5	Diesel	5.1 Liter	I-4	Air
FC	Cummins B6.7	Diesel	6.7 Liter	I-6	Air
FD	Cummins B6.7	Diesel	6.7 Liter	I-6	Hydraulic
FE	Cummins L9	Diesel	9 Liter	I-6	Air
FF	Cummins L9	Diesel	9 Liter	I-6	Hydraulic
FG	Cummins X15	Diesel	15 Liter	I-6	Air
FK	Cummins ISL G Near Zero NOX	N. Gas	9 Liter	I-6	Air
FL	Cummins ISL G Near Zero NOX	N. Gas	9 Liter	I-6	Hydraulic
FM	Cummins X12	Diesel	11.9 Liter	I-6	Air
FN	Mercedes Benz-MBE 924	Diesel	4.3 Liter	I-4	Air
FP	Mercedes Benz-MBE 924	Diesel	4.3 Liter	I-4	Hydraulic
FR	Mercedes Benz-MBE 926	Diesel	6.4 Liter	I-6	Air
FS	Mercedes Benz-MBE 926	Diesel	6.4 Liter	I-6	Hydraulic
FT	Cummins L9N	N. Gas	9 Liter	I-6	Air
FV	Cummins L9N	N. Gas	9 Liter	I-6	Hydraulic
FW	Cummins ISX12N	N. Gas	11.9 Liter	I-6	Air
F1	Mercedes Benz MBE 924	Diesel	4.8 liter	I-4	Air
F2	Mercedes Benz MBE 924	Diesel	4.8 liter	I-4	Hydraulic
F3	Mercedes Benz MBE 926	Diesel	7.2 liter	I-6	Air
F4	Mercedes Benz MBE 926	Diesel	7.2 liter	I-6	Hydraulic
F5	Cummins B6.7N	Nat. Gas	6.7 liter	I-6	Air
F6	Cummins B6.7N	Nat. Gas	6.7 liter	I-6	Hydraulic
00	No Engine				



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Table E

Check Digit - Position 9
Calculated from a Mathematical Computation of All Other VIN Characters

Table F

Model Year - Position 10	
Code	Model Year
Y	2000
1	2001
2	2002
3	2003
4	2004
5	2005
6	2006
7	2007
8	2008
9	2009
A	2010
B	2011
C	2012
D	2013
E	2014
F	2015
G	2016
H	2017
J	2018
K	2019
L	2020
M	2021

Table G

Build Location - Position 11	
Code	Build Location
H	Mount Holly, NC
D	M-B Mexico, Santiago
L	Cleveland, NC
P	Portland, OR
S	Saltillo, Coahuila Mexico

Table H

Serial Number - Position 12-17
Sequentially Assigned Vehicle Serial Number