

Updated on 10/05/2021



Vehicle Identification Number (VIN) Summary

***Western Star Trucks built on or after
07/11/2001***

VIN

<i>Position</i>	<i>Content</i>	<i>Page</i>
1-3	World Manufacturer Identification	2
4	Chassis Configuration	2
5-6	Model, Cab, GVWR	3
7-8	Engine, Brakes	4
9	Check Digit	5
10	Model Year	5
11	Build Location	5
12-17	sequentially assigned vehicle serial number	5

World Manufacturer Identification – Positions 1, 2, & 3

Code	Manufacturer	Make	Type
2WL	Western Star	Western Star	Incomplete Vehicle
2WK	Western Star	Western Star	Tractor
2WM	Western Star	Western Star	Glider
5KK	Daimler Trucks North America	Western Star	Incomplete Vehicle
5KJ	Daimler Trucks North America	Western Star	Tractor

Chassis – Position 4

Code	Configuration	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
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	10x8	Truck

Model, Cab, GVWR – Position 5 & 6

Code	Western Star Model	Cab	GVWR
AA	4900 EX	Conventional	26,001 to 33,000 pounds Class 7
AB	4900 EX	Conventional	33,001 Pounds and over Class 8
AC	4900 EX	Conventional	Glider
AD	4900 Set Forward Axle	Conventional	26,001 to 33,000 pounds Class 7
AE	4900 Set Forward Axle	Conventional	33,001 Pounds and over Class 8
AF	4900 Set Forward Axle	Conventional	Glider
AG	4900	Conventional	26,001 to 33,000 pounds Class 7
AH	4900	Conventional	33,001 Pounds and over Class 8
AJ	4900	Conventional	Glider
AK	4900 Set Back Axle	Conventional	26,001 to 33,000 pounds Class 7
AL	4900 Set Back Axle	Conventional	33,001 Pounds and over Class 8
AM	4900 Set Back Axle	Conventional	Glider
AN	5900	Conventional	26,001 to 33,000 pounds Class 7
AP	5900	Conventional	33,001 Pounds and over Class 8
AR	5900	Conventional	Glider
AS	6900 XD	Conventional	33,001 Pounds and over Class 8
AT	6900XD	Conventional	Glider
AU	4700 Set Forward Axle	Conventional	26,001 to 33,000 pounds Class 7
AV	4700 Set Forward Axle	Conventional	33,001 Pounds and over Class 8
AW	4700 Set Back Axle	Conventional	26,001 to 33,000 pounds Class 7
AX	4700 Set Back Axle	Conventional	33,001 Pounds and over Class 8
AY	4700 Set Forward Axle	Conventional	Glider
AZ	4700 Set Back Axle	Conventional	Glider
BA	4800 Set Back Axle	Conventional	26,001 to 33,000 pounds Class 7
BB	4800 Set Back Axle	Conventional	33,001 Pounds and over Class 8
BC	4800 Set Back Axle	Conventional	Glider
BD	4800 Set Forward Axle	Conventional	26,001 to 33,000 pounds Class 7
BE	4800 Set Forward Axle	Conventional	33,001 Pounds and over Class 8
BF	4800 Set Forward Axle	Conventional	Glider
BG	5700 XE Set Back Axle w/Sleeper	Conventional	26,001 to 33,000 pounds Class 7
BH	5700 XE Set Back Axle w/Sleeper	Conventional	33,001 Pounds and over Class 8
BJ	5700 XE Set Back Axle w/Sleeper	Conventional	Glider
BK	5700 XE Set Back Axle Day Cab	Conventional	26,001 to 33,000 pounds Class 7
BL	5700 XE Set Back Axle Day Cab	Conventional	33,001 Pounds and over Class 8
BM	5700 XE Set Back Axle Day Cab	Conventional	Glider
BN	47X Chassis	Conventional	26,001 to 33,000 pounds Class 7
BP	47X Chassis	Conventional	33,001 Pounds and over Class 8
BR	47X Chassis	Conventional	Glider
BV	49X Chassis	Conventional	26,001 to 33,000 pounds Class 7
BW	49X Chassis	Conventional	33,001 Pounds and over Class 8
BX	49X Chassis	Conventional	Glider
BY	57X Chassis	Conventional	26,001 to 33,000 pounds Class 7
BZ	57X Chassis	Conventional	33,001 Pounds and over Class 8
B1	57X Chassis	Conventional	Glider
B2	47X RHD Chassis	Conventional	33,001 Pounds and over Class 8
B3	48X RHD Glider Chassis	Conventional	Glider

Code	Western Star Model	Cab	GVWR
B4	49X RHD Chassis	Conventional	33,001 Pounds and over Class 8
B5	48X RHD Chassis	Conventional	33,001 Pounds and over Class 8
B6	45X Western Star 57X Sleeper Cab	Conventional	33,001 Pounds and over Class 8
B7	45X Western Star 57X Day Cab	Conventional	33,001 Pounds and over Class 8

Engine, Brakes – Position 7 & 8

Code	Engine	Fuel	Displacement	Config	Brakes
AA	Cat 3176	Diesel	10.3 Liter	I-6	Air
AD	Cat 3406	Diesel	14.6 Liter	I-6	Air
AG	Cat 3406E	Diesel	15.8 Liter	I-6	Air
AK	Cat 3126 CFE	Diesel	7.2 Liter	I-6	Air
AN	Cat C10	Diesel	10.3 Liter	I-6	Air
AS	Cat C12	Diesel	12.0 Liter	I-6	Air
AV	Cat C15	Diesel	14.6 Liter PRE 2008/15.2 Liter	I-6	Air
AY	Cat C16	Diesel	15.8 Liter	I-6	Air
A2	Cummins L10	Diesel	10.8 Liter	I-6	Air
A8	Cummins ISM	Diesel	10.8 Liter	I-6	Air
BA	Cummins NTC	Diesel	14 Liter	I-6	Air
BD	Cummins N14	Diesel	14 Liter	I-6	Air
BG	Cummins ISX Signature	Diesel	14.9 Liter	I-6	Air
BS	Cummins ISC	Diesel	8.3 Liter	I-6	Air
CD	Detroit Series 60	Diesel	11.1 Liter	I-6	Air
CG	Detroit Series 60	Diesel	12.7 Liter	I-6	Air
CK	Detroit Series 60	Diesel	14.0 Liter	I-6	Air
CV	MBE 4000	Diesel	12.8 Liter	I-6	Air
CY	Cummins ISL	Diesel	8.9 Liter	I-6	Air
DC	Cat C7	Diesel	7.2 Liter	I-6	Air
DL	Cat C11	Diesel	11.1 Liter	I-6	Air
DR	Detroit Diesel DD15	Diesel	14.8 Liter	I-6	Air
DV	Detroit Diesel DD13	Diesel	12.8 Liter	I-6	Air
D1	Detroit Diesel DD16	Diesel	15.6 Liter	I-6	Air
D5	Detroit Diesel DD15 EV	Diesel	14.8 Liter	I-6	Air
D6	Detroit Diesel DD15 TC	Diesel	14.8 Liter	I-6	Air
FE	Cummins L9	Diesel	9 Liter	I-6	Air
FG	Cummins X15	Diesel	15 Liter	I-6	Air
FM	Cummins X12	Diesel	11.9 Liter	I-6	Air
00	NO ENGINE				

Check Digit - Position 9

Calculated from a mathematical computation of all other VIN characters

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
N	2022
P	2023
R	2024

Build Location – Position 11

Code	Build Location
K	Kelowna, British Columbia
P	Portland, Oregon
L	Cleveland, North Carolina
S	Charleston , South Carolina

Serial number – *Position 12 -17*

Sequentially assigned vehicle serial number
