

ORG 7814

Updated on 02/28/12



## *Vehicle Identification Number (VIN) Summary*

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

<i>VIN 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	Truck
2WM	Western Star	Western Star	Glider
5KK	Daimler Trucks North America	Western Star	Incomplete Vehicle
5KJ	Daimler Trucks North America	Western Star	Truck

**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

## 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 Set Back Axle w/Sleeper	Conventional	26,001 to 33,000 pounds Class 7
BH	5700 Set Back Axle w/Sleeper	Conventional	33,001 Pounds and over Class 8
BJ	5700 Set Back Axle w/Sleeper	Conventional	Glider
BK	5700 Set Back Axle Day Cab	Conventional	26,001 to 33,000 pounds Class 7
BL	5700 Set Back Axle Day Cab	Conventional	33,001 Pounds and over Class 8
BM	5700 Set Back Axle Day Cab	Conventional	Glider

### 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 Per 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
D1	Detroit Diesel DD16	Diesel	15.6 Liter	I-6	Air
DV	Detroit Diesel DD13	Diesel	12.8 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	2012
E	2014

### Build Location – Position 11

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

### Serial number – Position 12 -17

Sequentially assigned vehicle serial number