

ORG7168

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4/27/2011

CHARACTER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Character type	B	B	B	B	B	B	B	B	B	B	B	B	B	N	N	N	N
EXAMPLE	4	S	9	S	1	F	F	1	9	B	B	2	6	0	0	0	1

The above example is for a flat trailer manufactured by SCHUH SHOP LLC in Browtown, WI. The trailer has 1 axle and is 16 foot long overall. The trailer is a ball type pull, built in the model and calendar year 2011. It is the first trailer built in 2011.

A=alphabetical
 N=numerical
 B=alphabetical or numerical

CHARACTER	EXAMPLE	DESCRIPTION
1	always a (4)	Part of WMI code assigned by SAE
2	always a (S)	Part of WMI code assigned by SAE
3	always a (9)	Part of WMI code assigned by SAE
4	always a (S)	SCHUH SHOP LLC only builds one make of trailer which will be referred to by an (S)
5		Field 5 is the Trailer Hitch Type: (see chart below)
6		Field 6 is the Body Type: (see chart below)
7		Field 7 is the Overall Length of the trailer including hitch: (see chart below)
8		Field 8 is the Number of axles on the trailer which will always be a numeric single digit number
9	calculated	field 9 is the check digit calculated per FMVSS and SAE
10		field 10 is the model and also calendar year per SAE J272 recommendation
11	always a (B)	field 11 is plant location of manufacture which will be (B) standing for Browtown, WI
12	always a (2)	Part of WMI code assigned by SAE
13	always a (6)	Part of WMI code assigned by SAE
14	always a (0)	Part of WMI code assigned by SAE
15		fields 15, 16, 17 represent production sequence starting with 001, 002, ..., 999
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How Example VIN was created:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
4S9S1FF19BB260001																	
actual vin	4	S	9	S	1	F	F	1	9	B	B	2	6	0	0	0	1
converted vir	4	2	9	2	1	6	6	1		2	2	2	6	0	0	0	1
multiplier	8	7	6	5	4	3	2	10		9	8	7	6	5	4	3	2
product	32	14	54	10	4	18	12	10	0	18	16	14	36	0	0	0	2
21.818 whole number and decimal																	

Field 5 is the Trailer Hitch Type

- 1= ball type pull 3= goose neck 5= fifth wheel
- 2= pintle hitch 4= straight semi 6= king pin

Field 6 is the Body Type:

- A= Animal/livestock trailer D= Dump trailer L= Lowboy trailer Z= Other Custom
- B= Boat trailer E= Enclosed trailer T= Tanker trailer
- C= Camper trailer F= Flatbed trailer U= Utility trailer

Field 7 is the Overall Length of the trailer including hitch

A= 6 FT	E= 14 FT	J= 22 FT	N= 30 FT	T= 38 FT	X= 46 FT	2= 54 FT
B= 8 FT	F= 16 FT	K= 24 FT	P= 32 FT	U= 40 FT	Y= 48 FT	3= 56 FT
C= 10 FT	G= 18 FT	L= 26 FT	R= 34 FT	V= 42 FT	Z= 50 FT	4= 58 FT
D= 12 FT	H= 20 FT	M= 28 FT	S= 36 FT	W= 44 FT	1= 52 FT	5= 60 FT

field 10 is the model and also calendar year per SAE J272 recommendation

2011=B	2014=E	2017=H	2020=L	2023=P	2026=T
2012=C	2015=F	2018=J	2021=M	2024=R	2027=V
2013=D	2016=G	2019=K	2022=N	2025=S	2028=W

Numeric Values assigned to VIN Letters for calculating check digit

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

9th Position check digit values

Decimal remainder	0	0.091	0.182	0.273	0.364	0.455	0.545	0.634	0.727	0.818	0.909
Check digit to use	0	1	2	3	4	5	6	7	8	9	X