

**A-A WELDING SERVICE**

P. O. Box 1821  
Mt. Pleasant, Tx. 75455  
214-572-7262

7pgs

PM

B

8/14/84 EW

June 12, 1984

01-22-N11B-1703

Administrator

National Highway Traffic Safety Administration  
400 Seventh Street S.W.  
Washington, D.C. 20590

ORIGINAL

Attention VIN Coordinator:

Mr. Nelson Erickson

7pgs

I talked to you on the telephone Feb. 7, 1984.

You went over the 17 digit serial number.

with me. I am sending this letter as you requested.

our name and address is Clint R. Woods, Inc.  
DBA A-A Welding Service  
P.O. Box 1821  
Mt. Pleasant, Tx. 75455

1UF Reserved/Utility Trailer.  
Fsl627- F(Flatbed) S (Standard) 16 (length in feet)  
2 (Number of Axles) 7 (Check digit Number)  
ET000001 - E(1984 model) T (Plant Location Texas)  
00000(500 or More) 001 (Sequence Numbers.)

1UFFS1627ET000001 This is Correct by Mr. Nelson Erickson.  
The first letter I sent was an incorrect serial number.

Thank you,

*Joyce Woods*  
Joyce Woods  
Sec. Treas.

84 NOV 29 11:43

RECEIVED  
NHTSA DOCKET



**RULES AND REGULATIONS**

17499

**S4.5.3.1.** The first character of the third section shall represent the vehicle model year. The year shall be designated as indicated in Table II.

**TABLE II**

Year	Code
1980	A
1981	B
1982	C
1983	D
1984	E
1985	F
1986	G
1987	H
1988	J
1989	K
1990	L
1991	M
1992	N
1993	P
1994	R
1995	S
1996	T
1997	V
1998	W
1999	X
2000	Y
2001	1
2002	2
2003	3
2004	4
2005	5
2006	6
2007	7
2008	8
2009	9
2010	A
2011	B
2012	C

shall represent the number sequentially assigned by the manufacturer in the production process if the manufacturer produces 500 or more vehicles of its type annually. If the manufacturer produces less than 500 motor vehicles of its type annually, the third, fourth, and fifth characters of the third section, combined with the three characters of the first section, shall uniquely identify the manufacturer, make and type of the motor vehicle and the sixth, seventh, and eighth character of the third section shall represent the number sequentially assigned by the manufacturer in the production process.

**S4.6 Characters.** Each character used in a vehicle identification number shall be one of the arabic numbers or roman letters set forth in Table III.

**TABLE III**

Numbers:  
1234567890  
Letters:  
ABCDEFGHIJKLMNPRSTUVWXYZ

All spaces provided for in the vehicle identification number must be occupied by a character specified in table III.

**S5. Check digit**

**S5.1** A check digit shall be provided with each vehicle identification number. The check digit shall immediately follow the fifth character of the second section and appear with the vehicle identification number on the vehicle and on any transfer documents containing the vehicle identification number and prepared by the manufacturer to be given to the first owner for purposes other than resale.

**S5.2** The check digit is determined

by carrying out the mathematical computation specified in S5.2.1 - S5.2.4.

**S5.2.1** Assign to each number in the vehicle identification number its actual mathematical value and assign to each letter the value specified for it in Table IV.

**TABLE IV**

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

**S5.2.2** Multiply the assigned value for each character in the vehicle identification number by the weight factor specified for it in Table V. Multiply the check digit by 0.

**TABLE V**

*Character and Weight Factor*

1st	8
2d	7
3rd	6
4th	5
5th	4
6th	3
7th	2
8th	10
Check Digit	0
9th	9
10th	8
11th	7
12th	6
13th	5
14th	4
15th	3
16th	2

**S5.2.2** Add the resulting products and divide the total by 11.

**S5.2.4** The remainder is the check digit. If the remainder is 10, the check digit is X.

**S4.5.3.2** The second character of the third section shall represent the plant of manufacture.

**S4.5.3.3** The third through the eighth characters of the third section

**Example:**

Vehicle Identification Number  
Character 1 G 4 A H 5 9 H 4 5 G 1 1 8 3 4 1

Assigned Value 1 7 4 1 8 5 9 8 4 5 7 1 1 8 3 4 1

Multiply by Weight factor 8 7 6 5 4 3 2 10 0 9 8 7 6 5 4 3 2

Add Products 8+ 49+24+5+ 32+15+18+80+0. 45+56+7+ 6+ 40+12+12+2=411

Divide by 11 411/11 = 37 4/11

Check Digit 4 (compare to character in 9th position)

**Position 9**      **Axis Configurations**

REV.

The axle configurations that pertain to our trailers are coded as follows:

- 1) Semi trailer - single axle
- 2) Semi trailer - tandem axle
- 3) Semi trailer - tri-axle
- 4) Full trailer - one steerable and one trailing axle
- 5) Full trailer - one steerable and two trailing axles

**Position 9**      **Check Digit**

The Check digit is calculated as per Federal Standard 115.

**Position 10**      **Model Year**

The Model Year Code is taken from Table II of Federal Standard 115.

**Position 11**      **Plant of Manufacture**

List the name or city and state of the plant where the trailers are manufactured next to the number.

Plant Location

- |          |          |
|----------|----------|
| 1) _____ | 2) _____ |
| 3) _____ | 4) _____ |
| 5) _____ | 6) _____ |

**Position 12**

Position 12 indicates alternate tire and rim information, if such is to be indicated on the trailer certification plate, using the appropriate character established in Position 6. A Zero will indicate no alternate tire and rim information.

**Positions 13-17**

Number sequentially assigned in the production process, if 500 or more trailers are manufactured annually.

ALTERNATE SYSTEM REQUIRED

If less than 500 trailers are manufactured annually.

**Positions 13-14**

Repeat the information listed in Positions 4 and 5.

**Positions 15-17**

Number sequentially assigned in the production process.

**Position 6**      **GAWR, Tire and Rim Information**

REV. D

The following GAWR, tire and rim combinations are used on our trailers. The standard tires are indicated in Position 6. Optional tires, if used, are indicated in Position 12.

	<u>GAWR</u>	<u>TIRES</u>	<u>RIMS</u>	<u>PSI</u>
A	1680	530 x 12B	12 x 4.00	32
B	2090	530 x 12C	12 x 4.00	32
C	2090	B78-13B	13 x 4.50	32
D	2545	E78-14	14 x 5.50	32
E	2700	F78-14	14 x 5.50	32
F	2945	G78-15	15 x 5.00	32
G	3218	H78-15	15 x 5.00	32
H	3500	L78-15	15 x 6.00	32
J	4080	7.00-15D	15 x 6.00	60
K	4700	8.75-16.5D	16.5x6.75	60
L	5200	8.75-16.5E	16.5x6.75	60
M	3500	235-15B	15 x 6.00	32
N	3500	7.00-15D	15 x 6.00	50
P				
R				
S				
T				
U				
V				
W				
X				
Y				
Z				
1				
2				
3				
4				
5				
6				
7				
8				
9				

**Position 7**      **Length of Trailer**

Trailer lengths to the nearest foot are to be coded as follows:

A) - 6 Feet	M) - 17 Feet	Z) - 28 Feet
B) - 7 "	N) - 18 "	1) - "
C) - 8 "	P) - 19 "	2) - "
D) - 9 "	R) - 20 "	3) - "
E) - 10 "	S) - 21 "	4) - "
F) - 11 "	T) - 22 "	5) - "
G) - 12 "	U) - 23 "	6) - "
H) - 13 "	V) - 24 "	7) - "
J) - 14 "	W) - 25 "	8) - "
K) - 15 "	X) - 26 "	9) - "
L) - 16 "	Y) - 27 "	0) - "

<u>Mfgr's Model designation</u>	<u>Positions 4 and 5</u>
21-2900S	BZ
19-3100HD	CA
21-2250	CB
21-2450	CC
21-2650	CD
21-3400	CF
21T-3300	CG
21T-3700	CH
21T-4300	CJ
19-3400HD	CK
21-3200V	CL
23-2850	DA
23-3400	DB
23T-4600	DC
23T-5400	DD
21-3100	DE
25T-5300	EA
25T-6200	EB
25T-7400	EC
27T-6100	ED
27T-7300	EE
27T-8000	EF
30T-6100	EG
30T-7300	EH
30T-8000	EJ
17-1200	EL
17-1350	ET
17-1350V	EX

Year. The year shall be designated as indicated in Table VI.

TABLE VI

Year	Code	Year	Code
1980	A	1987	V
1981	B	1988	W
1982	C	1989	X
1983	D	1990	Y
1984	E	2000	1
1985	F	2001	2
1986	G	2002	3
1987	H	2003	4
1988	J	2004	5
1989	K	2005	6
1990	L	2006	7
1991	M	2007	8
1992	N	2008	9
1993	P	2009	A
1994	R	2010	B
1995	S	2011	C
1996	T	2012	D
		2013	D

(2) The second character of the fourth section shall represent the plant of manufacture.

(3) The third through the eighth characters of the fourth section shall represent the number sequentially assigned by the manufacturer in the production process if the manufacturer produces 500 or more vehicles of its type annually. If the manufacturer produces less than 500 motor vehicles of its type annually, the third, fourth, and fifth characters of the fourth section, combined with the three characters of the first section, shall uniquely identify the manufacturer, make and type of the motor vehicle and the sixth, seventh, and eighth characters of the fourth section shall represent the number sequentially assigned by the manufacturer in the production process.

§ 565.5 Reporting requirements.

(a) Information collection requirements contained in this regulation have been approved by the Office of Management and Budget under the provisions of the Paperwork Reduction Act (Pub. L. 96-511) and have been assigned OMB Control Number 2127-0051.

(b) Manufacturers of motor vehicles subject to this regulation shall submit, either directly or through an agent, the unique identifier for each make and type of vehicle it manufactures at least 60 days before affixing the first VIN using the identifier. Manufacturers whose unique identifier appears in the fourth section of the VIN shall also submit the three characters of the first section which constitutes a part of their identifier.

(c) The NHTSA has contracted with the Society of Automotive Engineers (SAE) to coordinate the assignment of manufacturer identifiers. Manufacturer identifiers will be supplied by SAE at no charge. All requests for assignments of

manufacturer identifiers should be forwarded directly to: Society of Automotive Engineers, 400 Commonwealth Avenue, Warrendale, Pennsylvania 15096, Attention: WMI Coordinator.

Any requests for identifiers submitted to NHTSA will be forwarded to SAE. Manufacturers may request a specific identifier or may request only assignment of an identifier(s). SAE will review requests for specific identifiers to determine that they do not conflict with an identifier already assigned or block of identifiers already reserved. SAE will confirm the assignments in writing to the requester. Once confirmed by SAE, the identifier need not be resubmitted to the NHTSA.

(d) Manufacturers of motor vehicles subject to the requirements of this regulation shall submit to the NHTSA the information necessary to decipher the characters contained in its VIN's. Amendments to this information shall be submitted to the agency for VIN's containing an amended coding. The agency will not routinely provide written approvals of these submissions, but will contact the manufacturer should any corrections to these submissions be necessary.

(e) The information required under paragraph (d) of this section shall be submitted at least 60 days prior to offering for sale the first vehicle identified by a VIN containing that information, or if information concerning vehicle characteristics sufficient to specify the VIN Code is unavailable to the manufacturer by that date, then within one week after that information first becomes available. The information shall be addressed to:

Automotive Highway Traffic Safety Administration, 400 Seventh Street, N.W., Washington, D.C. 20590, Attention: VIN Coordinator.

PART 571—FEDERAL MOTOR VEHICLE SAFETY STANDARD

2. Section 571.115 would be revised to read as follows:

Authority: Sec. 103, Pub. L. 89-563, 80 Stat. 718 (15 U.S.C. 1392); delegation of authority at 49 CFR 1.50.

§ 571.115 Standard No. 115; Vehicle identification number—basic requirements.

S1. Purpose and Scope.

This standard specifies general physical requirements for a vehicle identification number (VIN) and its installation to simplify vehicle information retrieval and to reduce the incidence of accidents by increasing the accuracy and efficiency of vehicle recall campaigns. Vehicles imported into the

United States under 19 CFR 12.80(b)(1)(iii) are exempt from the requirements of sections 4.1, 4.2, and 4.7 of this standard.

S2. Application.

This standard applies to passenger cars, multipurpose passenger vehicles, trucks, buses, trailers (including trailer kits), incomplete vehicles and motorcycles.

S3. Definitions.

"Check digit" means a single number or the letter X used to verify the accuracy of the transcription of the vehicle identification number.

"Incomplete vehicle" means an assemblage consisting, as a minimum, of frame and chassis structure, power train, steering system, suspension system, and braking system, to the extent that those systems are to be part of the completed vehicle, that requires further manufacturing operations, other than the addition of readily attachable components, such as mirrors or tire and rim assemblies, or minor finishing operations such as painting, to become a completed vehicle.

"Trailer kit" means a trailer which is fabricated and delivered in complete but unassembled form and which is designed to be assembled without special machinery or tools.

"Vehicle identification number" means a series of arabic numbers and roman letters which is assigned to a motor vehicle for identification purposes.

S4. Requirements.

S4.1 Each vehicle manufactured in one stage shall have a VIN that is assigned by the manufacturer. Each vehicle manufactured in more than one stage shall have a VIN assigned by the incomplete vehicle manufacturer.

Vehicle alterers, as specified in 49 CFR 567.7, shall utilize the VIN assigned by the original manufacturer of the vehicle.

S4.2 Each VIN shall consist of seventeen (17) characters.

S4.3 A check digit shall be part of each VIN. The check digit shall appear in position nine (9) of the VIN on the vehicle and on any transfer documents containing the VIN and prepared by the manufacturer to be given to the first owner for purposes other than resale.

S4.4 The VIN's of any two vehicles manufactured within a 30-year period shall not be identical.

S4.5 The VIN of each vehicle shall appear clearly and indelibly upon either a part of the vehicle other than the glazing that is not designed to be removed except for repair or upon a separate plate or label which is permanently affixed to such a part.