B 12/16/85 REV. E. RM

99

LOAD RITE TRAILERS (DIVISION OF PENNSBURY MFG., INC.)

(COMPANY NAME)

Address 265 Lincoln Highway

City Fairless Hills **State** PA **Zip Code** 19030

Telephone Number (215) 949-0500

Company VIN Coordinator Faye Keaten

The following is the VIN System that will be used on our trailers after August 1, 19 85.

Position 1-3 **Manufacturer ID** (Number assigned by SAE) 1PH ORIGINAL

Positions 4-5 01-22-NIB-2155

Use Positions 4 and 5 together to identify the type and specific model of each trailer. No two trailer models may have the same designation in Positions 4 and 5.

In Position 4, use letters A,B,C,D or E to identify a boat trailer. Use letters F,G,H,J, or K to identify a cargo/utility trailer. Use letters L,M or N to indicate a camper trailer. Use letters P or R to indicate a motorcycle trailer. Use letters S or T to indicate a snowmobile trailer. Use letters U or V to indicate a mobile equipment trailer. Use letter W to indicate a [illegible]ole trailer. Use letters X,Y or Z to indicate any other special purpose trailer.

In position 5, use any number or letter except letters I, O or Q.

Mfgr's Model designation	Positions 4 and 5	Mfgr's Model designation	Positions 4 and 5
17-1650	AA	19-2500V	AZ
17-2000S	AB	19-2300S	BA
18-1650	AC	19-2650HD	BD
18-2000	AD	19-2500S	BE
19-2500S80	AK	23T-4600V	BJ
19-2200S	AL	23T-5400V	BK
21-2250V	AR	25T-5300V	BL
21-2800V	AS	25T-6200V	BM
18-2200V	AT	17-2000V	BU
21-2500V	AU	19-2000RB	BY
21-3100V	AV	21-2900S	BZ
27-7400V	AX	21-2450	CC

NOTE:

If necessary, attach a second sheet for additional models.

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

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 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 indentify 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:
ABCDEFGHJKLMNPRSTUVWXYZ

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=9	Z=9
H=8	S=2	

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

S5.2.3 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.

Example:

Check Digit is in 9th Position
10th Position is Model Year
1 - Plant Location
Out dated example from book
Barbara Owen 12/16/85 nbg

Vehicle Identification Number Character	1	G	4	A	H	5	9	H	4	5	G	1	1	8	3	4	1*2
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)

2

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) FAIRLESS HILLS, PA
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 12-14

Unique characters assigned by SAE in addition to Positions 1-3.

Positions 15-17

Number sequentially assigned in the production process.

Mfgr's Model designation	Positions 4 and 5	Mfgr's Model designation	Positions 4 and 5
13-450L	CE		
21-3600S	CF		
21T-3400S	CG		
21T-3700	CH		
21T-4300	CJ		
14-600L	CM		
16-600L	CN		
16-800L	CP		
16-1200L	CR		
17-1350L	CS		
17-1650L	CT		
19-2650S	CU		
23-3000	DA		
23-3500	DB		
23T-4600	DC		
23T-5400	DD		
21-3200S	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		
18-1600V	EK		
17-1200	EL		
21T-3500V	EM		
17-1650V	EN		
21T-4000V	EP		
21T-4500V	ER		
19-1650RB	ES		
17-1650RB	EU		
17-1350RB	EW		
17-2000LR	EY		
17-2000RB	EZ		

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.

	GAWR	TIRES	RIMS	PSI
A	1680	530 x 12B	12 x 4.00	55
B	2090	530 x 12C	12 x 4.00	80
C	2090	B78-13B	13 x 4.50	32
D	2545	E78-14B	14 x 5.50	32
E	2700	F78-14B	14 x 5.50	32
F	2945	G78-15B	15 x 5.00	32
G	3218	H78-15B	15 x 5.00	32
H	3500	L78-15B	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	P235x75R15	15x6.00	35
N	3500	7.00-15D	15x6.00	60
P	780	4.80-8A	8 x 3.75	30
R	1180	4.80-8B	8 x 3.75	60
S	1560	4.80-12B	12 x 4.00	60
T	3690	P235x75R15	15x6.00	35
U				
V				
W				
X				
Y				
Z				
1				
2				
5				
6				
7				
8				
9				

REV. E.

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) - ___ "

5

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

TABLE VI

Year	Code	Year	Code
1980	A	1997	V
1981	B	1998	W
1982	C	1999	X
1983	D	2000	Y
1984	E	2001	1
1985	F	2002	2
1986	G	2003	3
1987	H	2004	4
1988	J	2005	5
1989	K	2006	6
1990	L	2007	7
1991	M	2008	8
1992	N	2009	9
1993	P	2010	A
1994	R	2011	B
1995	S	2012	C
1996	T	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: [redacted] Administration, 400 Seventh Street, SW., 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 mahinery 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.

6

POSITIONS 4 & 5

AA	17-1650	BA	19-2300S	CA		DA	23-3000	EA	25T-5300
AB	17-2000S	BB		CB		DB	23-3500	EB	25T-6200
AC	18-1650	BC		CC	21-2450	DC	23T-4600	EC	25T-7400
AD	18-2000	BD	19-2650HD	CD		DD	23T-5400	ED	27T-6100
AE		BE	19-2500S	CE	13-450L	DE	21-3200S	EE	27T-7300
AF		BF		CF	21-3600S	DF		EF	27T-8000
AG		BG		CG	21T-3400S	DG		EG	30T-6100
AH		BH		CH	21T-3700	DH		EH	30T-7300
AJ		BJ	23T-4600V	CJ	21T-4300	DJ		EJ	30T-8000
AK	19-2500S80	BK	23T-5400V	CK		DK		EK	18-1600V
AL	19-2200S	BL	25T-5300V	CL		DL		EL	17-1200
AM		BM	25T-6200V	CM	14-600L	DM		EM	21T-3500V
AN		BN		CN	16-600L	DN		EN	17-1650V
AP		BP		CP	16-800L	DP		EP	21T-4000V
AR	21-2250V	BR		CR	16-1200L	DR		ER	21T-4500V
AS	21-2800V	BS		CS	17-1350L	DS		ES	19-1650RB
AT	18-2200V	BT		CT	17-1650L	DT		ET	
AU	21-2500V	BU	17-2000V	CU	19-2650S	DU		EU	17-1650RB
AV	21-3100V	BV		CV		DV		EV	
AW		BW		CW		DW		EW	17-1350RB
AX	27-7400V	BX		CX		DX		EX	
AY		BY	19-2000RB	CY		DY		EY	17-2000LR
AZ	19-2500V	BZ	21-2900S	CZ		DZ		EZ	17-2000RB

GAWR		TIRE	RIM	PSI	
A	1680	530x12B	12x4.00	55	
B	2090	530x12C	12x4.00	80	
C	2090	B78-13B	13x4.50	32	
D	2545	E78-14B	14x5.50	32	
E	2700	F78-14B	14x5.50	32	2700# Axle
F	2945	G78-15B	15x5.00	32	
G	3218	H78-15B	15x5.00	32	
H	3500	L78-15B	15x6.00	32	3500# Axle
J	4080	7.00-15D	15x6.00	60	
K	4700	8.75-16.5D	16.5x6.75	60	
L	5200	8.75-16.5E	16.5x6.75	60	5200# Axle
M	3500	P235x75R15	15x6.00	35	3500# Axle
N	3500	7.00-15D	15x6.00	60	3500# Axle
P	780	4.80-8A	8x3.75	30	
R	1180	4.80-8B	8x3.75	60	
S	1560	4.80-12B	12x4.00	60	2000# Axle
T	3690	P235x75R15	15x6.00	35	5200# Axle