01-22-NIB-1391 REV. C

VIN SYSTEM FOR

LOAD RITE TRAILERS (DIVISION of PENNSBURY MFG., Inc.)
(COMPANY NAME)

10/4/83 M.E.

Address 265 Lincoln Highway

City Fairless Hills State PA Zip Code 19030

Telephone Number (215)638-0272

ORIGINAL

Company VIN Coordinator Faye Keaten

The following is the VIN System that will be used on our trailers after

April 15 1982.

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

Positions 4-5

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 pole 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	A A	21-2250	C B
17-2000	A B	21-2450	C C
18-1650	A C	21-2650	C D
18-2000	A D	21-3000	C E
18-2250	A H	21-3400	C F
18-2450	A J	21-3100T	C G
18W-2250	A E	21-3600T	C H
18W-2450	A F	21-4200T	C J
18-2650	A G	23-2850	D A
19-2250	B A	23-3400	D B
19-2450	B B	23-4600T	D C
19-2650	B C	23-5400T	D D
19-2650HD	B D	19-3000HD	C A

NOTE:

If necessary, attach a second sheet for additional models.

Revision A

Mfgr's Model designation	Positions 4 and 5
17-1200	E L
17-1350	E T
19-3400	C K
25T-5200S	B H
25T-5300	E A
25T-6200	E B
25T-7400	E C
27T-6100	E D
27T-7300	E E
27T-8000	E F
30T-6100	E G
30T-7300	E H
30T-8000	E J

Position 6 GAWR, Tire and Rim Information

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	2165	B78-13B	13 x 4.50	32
B	2530	E78-14B	14 x 5.50	32
C	2175	B78-13B	13 x 4.50	32
D	2540	E78-14B	14 x 5.50	32
E	2810	G78-15B	15 x 6.00	32
F	3050	H78-15B	15 x 6.00	32
G	3300	L78-15B	15 x 6.00	32
H	2860	G78-15B	15 X 6.00	32
J	3100	H78-15B	15 x 6.00	32
K	3350	L78-15B	15 x 6.00	32
L	4025	7.00-15D	15 x 6.00	60
M	2910	G78-15B	15 x 6.00	32
N	3175	H78-15B	15 x 6.00	32
P	3450	L78-15B	15 x 6.00	32
R				
S	4450	8.75-16.50D	16.5 x 6.75	60
T	2125	E78-14B	14 x 5.50	32
U	2400	G78-15B	15 x 6.00	32
V	2725	H78-15B	15 x 6.00	32
W	4080	7.00-15D	15 x 6.00	60
X	4700	8.75-16.50D	16.5 x 6.75	60
Y	3000	H78-15B	15 x 6.00	32
Z	3500	7.00-15D	15 x 6.00	60
1	3375	L78-15B	15 x 6.00	32
2	1550	480 X 12B	12 x 4.00	60
3	1665	530 x 12B	12 x 4.00	60
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) - ___ "

Position 8 Axle Configurations

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 13-14

Repeat the information listed in Positions 4 and 5.

Positions 15-17

Number sequentially assigned in the production process.

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

S5.2.2 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.

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)

Revision A 5