NSA

Great Dane Trailers

01-22-N11B-7461

November 1, 1999

RECEIVED BY NSA-?? 1999 NOV -5

Administrator
National Highway Traffic Safety Administration
400 Seventh Street SW
Washington, DC 20590

7,08

Subject: Pines Trailer Division VIN

Gentlemen:

This letter is being submitted in compliance with the requirements for u dated information about manufacturer identification setforth under 49 CFR Section 565.6.

Great Dane Limited Partnership has two operating Divisions, Pines Trail r (PTD) and Great Dane Trailers (GDTD). Both are manufacturers of truck trailers. The World Manufacturer Identifier (WMI) assigned to PTD is "1PN" and to GDTD is "1GR". Begin ing with trailers to be manufactured after January 1, 2000, the Pines Division will change its WMI to "1GR", so that both Divisions utilize he same WMI.

The scheme for assignment of Vehicle Identification Numbers (VIN), applicable for both Divisions beginning January 1, 2000, is setforth in Great Dane Trailers Specification No. 69804901.01, Revision M, Sheets 1-6 (copy attached).

Please direct any questions or requests for additional information about this matter to me. I can be reached by telephone at 912-644-2341 during weekdays from 8:00 AM – 4:30 PM EST.

Sincerely,

GREAT DANE TRAILERS
A Division Of Great Dane Limited Partnership

James F. Hofstetter, P. E.
Vice President, Engineering

EXECUTIVE SECRETARIAT
1999 NOV -4 PM 3:40
NATIONAL HIGHWAY TRAFFIC SAFETY ADMIN.

JFH/vb

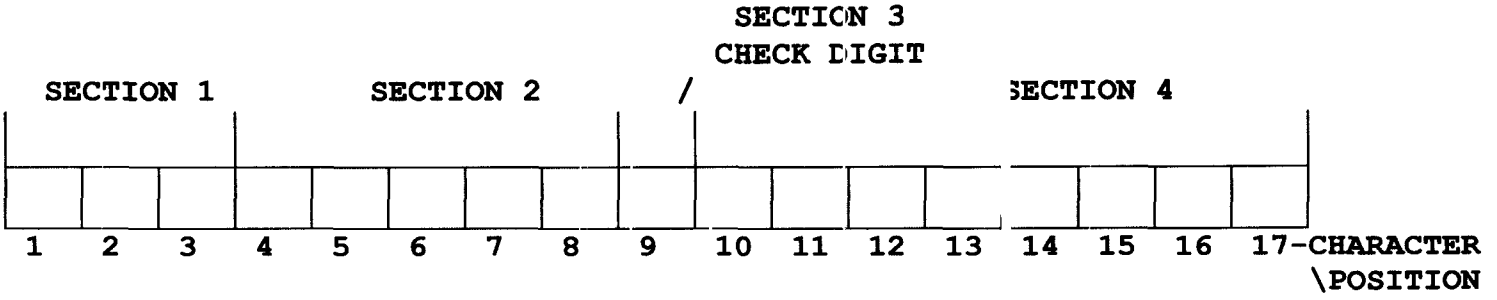
Attachment

Copy: Mr. Phill Pines (letter only)
Mr. Kit Hammond (letter only)
Mr. Jim Pines
Mr. Jerry McNeil
Mr. Don Smith
Mr. Gary Nelson
Mr. John DeFalco

001

Revisions: See Sheet 6

GREAT DANE LIMITED PARTNERSHIP VEHICLE IDENTIFICATION NUMBER (VIN) CODE



SECTION 1 - **WORLD MANUFACTURER IDENTIFIER (WMI) SECTION - 3 CHARACTERS**

POSITION 1 - **Country of Manufacture**

United States	=	1

POSITIONS 2 & 3 - **Manufacturer Identification assigned by S.A.E.**

Great Dane	=	GR

SECTION 2 - **VEHICLE DESCRIPTOR SECTION (VDS) - 5 CHARACTERS**

POSITION 4 - **Type of Trailer**

Semitrailer - Dry Freight Van	=	A
Semitrailer - Reefer Van	=	A
Semitrailer - Insulated Van	=	A
Semitrailer - Platform	=	D
Semitrailer – Converter Dolly and Other	=	E
Semitrailer - Low Boy	=	L
Semitrailer - Pulpwood Transport	=	L
Container	=	C

POSITION 5 - **Series or Body Type**

Aluminum Straight Frame	=	A
Aluminum Drop Frame	=	A
Aluminum Wedge	=	A
Aluminum Open Top	=	A
Stainless Steel Straight Frame	=	A
Stainless Steel Drop Frame	=	A

002

SECTION 2 (POSITION 5) CONT'D

Stainless Steel Wedge	=	A
FRP Straight Frame	=	A
FRP Drop Frame	=	A
FRP Wedge	=	A
FRP Open Top	=	A
Straight Deck	=	M
Drop Deck	=	M
Extendable	=	M
Chassis	=	R
Converter Dolly	=	R
Other	=	T
Gooseneck	=	V
Detachable Gooseneck	=	V
Side Panel Other Than Aluminum, Stainless Steel or FRP	=	X
Platewall	=	P

POSITIONS 6 & 7 - **Trailer Length Code**
Trailer Length X 2

Examples: (For codes =>100 only the last two digits are used.)

Length In Feet	Length Code	Length In Feet	Length Code
28.0'	56	46.5'	93
40.0'	80	48.0'	96
40.5'	81	50.0'	00
41.0'	82	51.5'	03
44.5'	89	53.0'	06
45.0'	90	57.0'	14

Notes:

1. The trailer length shall be rounded to the nearest 0.5 feet of length before multiplying by 2 to obtain the trailer length code.

2. When the trailer length is at the midpoint of a 0.5 foot increment, the length should be rounded up before multiplying by 2 to obtain the trailer length code.

   Examples: 40'-3" use 40'-6" with length code of 81.
   40'-9" use 41'-0" with length code of 82.

3. *Extendable trailer lengths shall be the length in the closed position (shortest length).*

4. A converter dolly length shall be the length from the center of the tow bar eye to the center of the lower coupler (fifth wheel) rounded to the nearest 0.5 feet before converting to a length code.

003

POSITION 8 - **Axle Configuration**

No Axle	=	0
One Axle	=	1
Two Axles	=	2
Three Axles	=	3
Four Axles	=	4
Five Axles	=	5 , and so on

SECTION 3 - CHECK DIGIT (CD) - 1 CHARACTER

POSITION 9 A Check Digit must be shown between Section 2 and Section 4. The Check Digit is determined by a mathematical computation.

Assign to each number in the vehicle identification number its actual mathematical value and assign to each letter the value specified:

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			

Multiply the assigned value for each character in the vehicle identification number by the weight factor specified below.

Character &	Weight Factor
1st	8
2nd	7
3rd	6
4th	5
5th	4
6th	3
7th	2
8th	10
Check Digit	0
9th	9
10th	8
11th	7

004

SECTION 3 (POSITION 9) CONT'D

12th	6
13th	5
14th	4
15th	3
16th	2

Add the resulting products and divide the total by 11. The numerator of the remainder is the Check Digit. If the numerator is 10, the Check Digit is X.

EXAMPLE:

Vehicle Identification Number Character	1	G	R	A	B	8	0	2	-	A	S	2	1	3	7	1	5
Assigned Value	1	7	9	1	2	8	0	2	-	1	2	2	1	3	7	1	5
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+ 54+ 5+ 8+ 24+ 0+ 20+ 0+ 9+ 16+ 14+ 6+ 15+ 28+ 3+ 1(= 269

Divide by 11 269/11 = 24 5/11

Check Digit 5 (this is character for 9th position)

SECTION 4 - VEHICLE INDICATOR SECTION (VIS) - 8 CHARACTERS

POSITION 10 - Vehicle Year Model

Year	Code	Year	Code
1980	A	1998	W
1981	B	1999	X
1982	C	2000	Y
1983	D	2001	1
1984	E	2002	2
1985	F	2003	3
1986	G	2004	4
1987	H	2005	5
1988	J	2006	6
1989	K	2007	7
1990	L	2008	8
1991	M	2009	9

005

SECTION 4 (POSITION 10) CONT'D

1992	N	2010	A
1993	P	2011	B
1994	R	2012	C
1995	S		
1996	T		
1997	V		

POSITION 11 - **Plant Of Manufacture**

Brazil, Indiana	=	B
Greenville, Mississippi	=	G (Effective 1/1/2000)
Jacksonville, Florida	=	J
Kewanee, Illinois	=	K (Effective 1/1/2000)
Memphis, Tennessee	=	M
Savannah, Georgia	=	S
Terre Haute, Indiana	=	T (Effective MY 2001)
Wayne, Nebraska	=	W

PRODUCTION SEQUENCE

POSITIONS 12-15 - (Great Dane Trailers Division Only) **Production Shop Order**

Examples:

0001
0014
0347
4825

POSITIONS 16 & 17 - (Great Dane Trailers Division Only) **Unit Sequence Number Within Each Shop Order (Up to 99 per shop order)**

Examples:

One Trailer	=	01
Three Trailers	=	01 thru 03
Twenty Trailers	=	01 thru 20

POSITIONS 12 & 17 - (Pines Trailer Division Only) **Unit Sequence Number**

Example: 227673 through 227697

006

USE OF IDENTIFICATION NUMBERS

1GRAB8025AS213715: Complete VIN - Used on all legal documents, such as MSOs and certification plates. (Note: Will not be used for "remanufactured" trailers which have used running gear assemblies and whose identities are continued from existing trailers.)

AS213715: Internal Sequence Number- Used on all internal documents, such as warranties and invoices, and for "Hidden" sequence numbers.

AS2137 : Shop Order Number - (Great Dane Trailers Division only)

REFERENCES:

1. **49 CFR 565**
2. **49 CFR 566**
3. **49CFR571.7**
4. **FMVSS 115**
5. **TTMA RP NO. 56-91**

Rev N: September 28, 1999. Added Pines Plants to Section 4, Position 11 (Plant of Manufacture) VB
Rev M: August 23, 1999. Added Terre Haute, Indiana to Section 4, Position 11 (Plant of Manufacture) VB
Rev L: October 13, 1998. Changed Great Dane Trailers, Inc. To Great Dane Trailers - Added 57.0' Trailer Length.
Rev K: September 1, 1993. Made corrections to typographical errors in Section 2, Positions 4, 5 & 7.
Rev J: April 12, 1993 Added "remanufactured" note on page 5, use of "Complete VIN". Added Item 3 under references, page 5.
Rev H: January 29, 1993. Added "length-notes" Section 2, Positions 6 & 7; added "Use of Identification Numbers" at end of document.
Rev G: December 17, 1992. Added "C" to Section 2, Position 4, for container; Added "0" for "no axle" to Section 2, Position 8 to be used with a container. (ECN G5-20)VK.
Rev F: October 1, 1988
Rev E: December 1, 1985
Rev D: December 1, 1984
Rev C: October 12, 1983
Rev B: January 10, 1983
Rev A: December 19, 1979

007