



## *Great Dane Trailers*

August 28, 2008

CERTIFIED MAIL-  
RETURN RECEIPT REQUESTED

Administrator  
National Highway Traffic Safety Administration  
1200 New Jersey Ave SE  
Washington, DC 20590

RE: Great Dane Limited Partnership VINs

Gentlemen:

This letter is being submitted in compliance with the requirements for updated information about manufacturer Vehicle Identification Numbers (VINs) set forth under 49 CFR Section 565.7 (c).

Great Dane Limited Partnership (GDLP) is a domestic manufacturer of truck trailers. Our revised scheme for assignment of VINs is set forth in GDLP Specification No. 69804901.01, Revision V, Sheets 1-7 (copy attached). The revisions to Great Dane's scheme have been made in response to 49 CFR Part 565 [Docket No. NHTSA 2008-022] Final Rule published in the Federal Register / Vol. 73, No. 84 / Wednesday, April 30, 2008 / Rules and Regulations.

Please direct any questions or requests for additional information about this matter to me. I can be reached by telephone at 912-644-2469 Monday through Friday 8:00 am to 4:30 pm EST.

Sincerely,

GREAT DANE TRAILERS

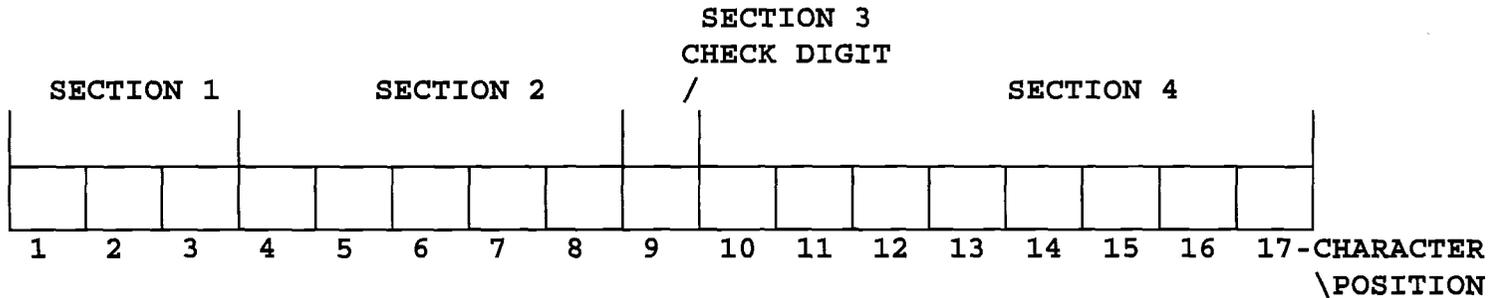
Daniel E. Carter  
Manager, Product Safety & Compliance

Enclosure

Cc: Tom Czapka                      Jim Petrarca  
     Tom Horan                        Ron Gordy  
     Rick Mullinix                     Barry Mitchell  
     Gary Nelson                        Larry Dickerson  
     Jim Hofstetter

Revisions: See Sheets 6 & 7

**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 and Class of Vehicle  
**Great Dane Limited Partnership - Trailer** = **GR**

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

**POSITION 4 -** Make and Type of Trailer

Make: **Great Dane Trailers**

Type:

- 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**

**SECTION 2 (POSITION 5) CONT'D**

Aluminum Open Top	=	A
Stainless Steel Straight Frame	=	A
Stainless Steel Drop Frame	=	A
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
Platwall	=	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.

**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:**

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

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

<b>Character &amp; Weight Factor</b>	
<b>1st</b>	<b>8</b>
<b>2nd</b>	<b>7</b>
<b>3rd</b>	<b>6</b>
<b>4th</b>	<b>5</b>
<b>5th</b>	<b>4</b>
<b>6th</b>	<b>3</b>
<b>7th</b>	<b>2</b>
<b>8th</b>	<b>10</b>
<b>Check Digit</b>	<b>0</b>
<b>10th</b>	<b>9</b>
<b>11th</b>	<b>8</b>
<b>12th</b>	<b>7</b>

**SECTION 3 (POSITION 9) CONT'D**

13th	6
14th	5
15th	4
16th	3
17th	2

Add the resulting products and divide the total by 11. The check digit is based on either the Fractional Remainder or the Decimal Equivalent Remainder as reflected in the table below. All Decimal Equivalent Remainders in the table are rounded to the nearest thousandth. The check digit, zero through nine (0-9) or the letter "X" shall appear in position nine (9). If the numerator is 10, the Check Digit is X.

Fractional Remainder	0	1/11	25/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11	10/11
Decimal Equivalent Remainder	0	0.091	0.182	0.273	0.364	0.455	0.545	0.634	0.727	0.818	0.909
Check Digit c	0	1	2	3	4	5	6	7	8	9	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+ 10 = 269

Divide by 11    269/11 = 24 5/11 or 24.4545

(If the fourth digit is 5 or greater round up. If the fourth digit is 4 or smaller, round down. In the example, the remainder is 5/11 or 0.455 when rounded up.)

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

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

**POSITION 10 - Vehicle Year Model**

<u>Year</u>	<u>Code</u>	<u>Year</u>	<u>Code</u>
1980	A	2013	D
1981	B	2014	E
1982	C	2015	F
1983	D	2016	G
1984	E	2017	H
1985	F	2018	J
1986	G	2019	K
1987	H	2020	L
1988	J	2021	M
1989	K	2022	N
1990	L	2023	P
1991	M	2024	R
1992	N	2025	S
1993	P	2026	T
1994	R	2027	V
1995	S	2028	W
1996	T	2029	X
1997	V	2030	Y
1998	W	2031	1
1999	X	2032	2
2000	Y	2033	3
2001	1	2034	4
2002	2	2035	5
2003	3	2036	6
2004	4	2037	7
2005	5	2038	8
2006	6	2039	9
2007	7		
2008	8		
2009	9		
2010	A		
2011	B		
2012	C		

**POSITION 11 - Plant Of Manufacture**

Brazil, Indiana	=	B
Danville, Pennsylvania	=	D (Effective 12/01/01)
Greenville, Mississippi	=	G (Effective 01/01/00)
Huntsville, Tennessee	=	H (Effective 04/01/05)
Jacksonville, Florida	=	J (Ended 02/1988)
Jonesboro, Arkansas	=	J (Effective 09/03/02)
Kewanee, Illinois	=	K (Effective 01/01/00)

**SECTION 4 (POSITION 11) CONT'D**

Memphis, Tennessee	=	M
Quinte West, Ontario	=	C
Savannah, Georgia	=	S
Terre Haute, Indiana	=	T (Effective 03/01/00)
Wayne, Nebraska	=	W

**PRODUCTION SEQUENCE**

**POSITIONS 12-17 - Unit Sequence Number**  
Examples: 213715 through 213746

**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.

**REFERENCES:**

1. 49 CFR 565
2. 49 CFR 566
3. 49CFR571.7
4. TTMA RP NO. 56-03

*Rev V: August 26, 2008. Added Class of Vehicle and Make to Sections 1 & 2. Revised manufacturer identification, Great Dane Limited Partnership was Great Dane. Revised Character positions (10<sup>th</sup>-17<sup>th</sup> was 9<sup>th</sup>-16<sup>th</sup>) in the character weight chart in Section 3. Added a Table and instructions for calculating the check digit using Decimal Equivalent Remainders as an option in Section 3. Added Vehicle Year Model codes for 2013-2039 Updated TTMA reference document number. D. Carter*

*Rev U: December 07, 2004 Added Huntsville, TN Plant to Section 4, Position 11 (Plant of Manufacture), J. Hofstetter/HP*

*Rev T: December 18, 2002. Changed pg 8 Terre Haute effective date from MY 2001 to 03/01/00; deleted a section in use of identification#; deleted item 4(FMVSS115) under references, pg6 changes made by J. Hofstetter/Distributed 12/19/02*

*Rev S: October 29, 2002. Deleted Positions 12-15 s & Positions 16 & 17; changes made by R. Mullinix/distributed 10/29/02HP*

*Rev R: July 17, 2002. Added Jonesboro, AR plant to section 4, Positions 11 (Plant of Manufacture), JH HP*

*Rev P: November 15, 2001. Added Danville, PA Plant to Section 4, Position 11 (Plant of Mnaufacture) VB*

*Rev O: August 1, 2000. Added Quinte West Plant to Section 4, Position 11 (Plant of Manufacture) VB*

*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, 6 & 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*