

01-022-N11B-8562

GREAT DANE LIMITED PARTNERSHIP DESIGN & PERFORMANCE

Revisions: See Sheet 6

GREAT DANE LIMITED PARTNERSHIP

49CFE< VEHICLE IDENTIFICATION NUMBER

ORIGINAL

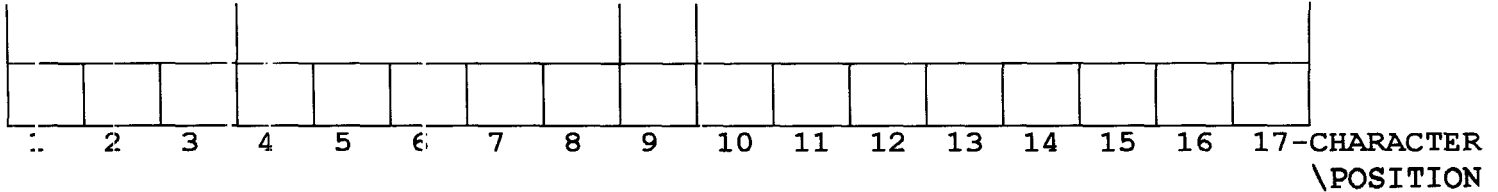
(VIN) CODE

SECTION 3 CHECK DIGIT

SECTION 1

SECTION 2

SECTION 4



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

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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.

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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

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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+ 10 = 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

<u>Year</u>	<u>Code</u>	<u>Year</u>	<u>Code</u>
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

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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
Danville, Pennsylvania	=	D (Effective 12/01/01)
Greenville, Mississippi	=	G (Effective 1/1/2000)
Jacksonville, Florida	=	J
Kewanee, Illinois	=	K (Effective 1/1/2000)
Memphis, Tennessee	=	M
Quinte West, Ontario	=	C
Savannah, Georgia	=	S
Terre Haute, Indiana	=	T (Effective MY 2001)
Wayne, Nebraska	=	W

PRODUCTION SEQUENCE

**POSITIONS 12-15 - Production Shop Order
(Great Dane Multi-Products
Division Only) Examples:**

0001
0014
0347
4825

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

Examples:

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

**POSITIONS 12 & 17 - Unit Sequence Number
(Great Dane Van
Division Only) Example: 227673 through 227697**

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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 Multi-Products Division only)

REFERENCES:

1. 49 CFR 565
2. 49 CFR 566
3. 49CFR571.7
4. FMVSS 115
5. TTMA RP NO. 56-51

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