5-16-90

B. 7/25/90 pds

CHECK DIGIT CALCULATIONS

ORIGINAL

01-22-N11B-3671

CHECK DIGIT

CHARACTER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
VIN #	1	R	9	B	H	4	0	3	0	L	L	1	6	8	0	0	1
Converted VALUES (TABLE A)	1	9	9	2	8	4	0	3	0	3	3	1	6	8	0	0	1
MULTIPLIER (x)	8	7	6	5	4	3	2	10	0	4	8	7	6	5	4	3	2
PRODUCT	8	63	54	10	32	12	0	30	0	12	24	7	36	40	0	0	2

= 330

2 pg

30 JUL 25 P 3:18

RECEIVED NHTSA DOCKET OF PRODUCTS

330 (SUM OF PRODUCTS) DIVIDED BY 11 = WHOLE NUMBER 30 . DECIMAL 00 =

IF DECIMAL is	CHECK DIGIT is	IF DECIMAL is	CHECK DIGIT is
.09 =	1	.54 =	6
.18 =	2	.63 =	7
.27 =	3	.72 =	8
.36 =	4	.91 =	9
.45 =	5	.90 =	X
		.00 =	0

TABLE B

ALPHABETIC TO NUMERIC CONVERSION

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

TABLE A

Since R-WAY manufactures less than 500 units per year, SAE assigned R-WAY a six digit number as follows 1R9/168 (1R9 goes in columns 1-3 and 168 goes in columns 12-14) R-WAY has elected to code body type in column 4, Series in column 5, length in columns 6 and 7, and number of axels in column 8. R-WAY's coding for type of trailers is type F=flatbed, E=end dump, B=bellydump, L=Lowboy, P=pup, U=utility. Series/body type - S=standard H=heavyduty, P=special length. Actual overall bed length in feet is used (38, 40, 42 etc.) and number of axels - 1=single, 2=tandem, 3=tridem, 4=quad. The letter L designates the 1990 model year and R-WAY uses the letter L for the location of their only plant in Long Prairie.

R-WAY Corperation
PO Box 67
Long Prairie MN 56347
612-732-2065

BellyDump VIN #'s Example

Section	1			2					3	4							
Section Title	World Manf. Number			Vehicle Description Section					Check Digit	Model Year	Plant	Manf. Identifier			Sequential production Number		
Character	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
VIN #	1	R	9	B	H	4	0	3	0	L	L	1	6	8	0	0	1

This Number wont change

Type of trailer

Series/Body type

Length (in feet)

Number of axels

See check digit Calculation sheet

Production Sequence

this # will not change

Plant location

Model Year

Type of trailer

- F = FLATBED
- E = END DUMP
- B = Belly Dump
- L = Lowboy
- P = pup
- U = utility

Series/Body type

- S = Standard
- H = heavy duty
- P = Special length

Length actual

38', 40', 42'

# of axels

- 1 = Single
- 2 = tandem
- 3 = tridem
- 4 = Quad

Plant Location

L = Long Prairie

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