anaheim welding & fabrication, inc.

**1321 south simpson circle
anaheim, california 92806
(714) 991-9300**

ORIGINAL

01-22-WIIB- 1849

March 25, 1985

Att'n: "VIN" Coordinator
        Mail Code:NRM-11
National Highway Traffic Safety Administration
400 7th Street S.W.
Washington, D.C. 20590

Enclosed you will find the chart for the trailer description we
use in determining the "VIN" numbers used on our trailers.

Please notify me immediately if the enclosed information is not
what you require.

Very truly,

June R. Pressel,
Secretary-Treasurer

Enclosures

anaheim welding & fabrication, inc.

TRAILER DESCRIPTION
FOR VEHICLE IDENTIFICATION NUMBER (VIN)

Space #4 Body Style	Space #5 Model Number & Description		Space #6 & 7 Trailer Length	Space #8 Number Axels
D=Display Tr'lr.	1	4' X 8'	8'	1
	2	6' X 12'	12'	1
	3	8' X 20'	20'	1
F=Flatbed Transp.	1	3' X 5'	5'	1
	2	5' X 10'	10'	1
	3	6' X 15'	15'	2
	4	6' X 20'	20'	2
U=Utility Box	1	4' X 6'	6'	1
	2	5' X 8'	8'	1
	3	5' X 10'	10'	1
	4	5' X 12'	12'	1
	5	5' X 14'	14'	1
	6	5' X 14'	14'	2

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17 NUMBER VEHICLE IDENTIFICATION NUMBER (VIN)

1 A 9 _ _ _ _ _ _ _ A 0 5 5 _ _ _

Space 1 is always 1
Space 2 is always A
Space 3 is always 9
Spaces 4, 5, 6, 7, 8, see below
Space 9 is check digit (see instructions)
Space 10 is year (see chart, F=1985, G=1986, H=1987, etc)
Space 11 is A (plant location in Anaheim, could change if we move)
Space 12 is always 0
Space 13 is always 5
Space 14 is always 5
Space 15, 16, 17 are production number for year, (001, 002, 003, etc.)
      Start with 001 the beginning of each year

Space #4	Space #5		Space #6 & 7	Space #8
Body Style	Model Number & Description		Trailer Length	Number Axels
D=Display Tr'lr.	1	4' X 8'	8'	1
	2	6' X 12'	12'	1
	3	8' X 20'	20'	1
F=Flatbed Transp.	1	3' X 5'	5'	1
	2	5' X 10'	10'	1
	3	6' X 15'	15'	2
	4	6' X 20'	20'	2
U=Utility Box	1	4' X 6'	6'	1
	2	5' X 8'	8'	1
	3	5' X 10'	10'	1
	4	5' X 12'	12'	1
	5	5' X 14'	14'	1
	6	5' X 14'	14'	2

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CHECK DIGIT DECODER

Motor vehicles now have a 17 character VIN with a "CHECK DIGIT" included. The first 3 characters identify the nation of origin, manufacturer, make and type of vehicle. The second section consists of 5 characters and indentifies the "vehicle attributes" (model, body, engine type, restraint system). The ninth character is the "CHECK DIGIT" and is intended to verify the accuracy of the VIN as to sequence and format. The third part of the VIN is 8 characters in length and identifies the model year, plant and sequential production number. The following table will enable you to decode the VIN'S "CHECK DIGIT".

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
A																	
B																	
C	8	7	6	5	4	3	2	10	0	9	8	7	6	5	4	3	2
D																	

final sum

11

On line "A" enter the 17 digit VIN. On line "B" enter the "assigned value" of each character of the VIN, utilizing table "B", shown below. * Multiply the numbers in line "B" with the numbers in line "C", for each of the 17 digits in the VIN. Record the product of each of these separate computations in the appropriate boxes in line "D". * Add together all of the numbers recorded in line "D" and enter the final sum in the space provided. * Divide the final sum by the number "11". The remainder of this division is the "CHECK DIGIT" (the 9th character of the 17 digit VIN). If the remainder of this division is a single digit number, then it should match the "CHECK DIGIT" in the VIN exactly, if the remainder is the number "10" then the "CHECK DIGIT" is the letter "X".

TABLE "B"

A=1	J=1	T=3	1=1	6=6
B=2	K=2	U=4	2=2	7=7
C=3	L=3	V=5	3=3	8=8
D=4	M=4	W=6	4=4	9=9
E=5	N=5	X=7	5=5	0=0
F=6	P=7	Y=8		
G=7	R=9	Z=9		
H=8	S=2			

Assign to each number in the VIN its actual value and record that value in the appropriate box in line "B".

The letters of "I", "O" & "Q" are never used in the new 17 digit VIN'S.

To determine the year of manufacture from the 17 digit VIN (character #10 of the VIN) use the following -

1980=A	1982=C	1984=E	1986=G
1981=B	1983=D	1985=F	1987=H Etc.

Example: 1981 Ford Mustang VIN - 1FABP12A4BR101093   Final Sum = 246

```
        22
    11) 246
        22
        ‾‾
        26
        22
        ‾‾
        4
```

CHECK DIGIT - -

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