

ORIGINAL

B 1/2/86 pdey

INTERNATIONAL TRAILER CORPORATION

2896 STATE ROUTE 232

BETHEL, OHIO 45106

513-734-4317

December 10, 1985

01-22-NIIB-

2150

Administrator
N H T S A
400 Seventh St. S.W.
Washington, D.C. 20590

ATTN: VIN Coordinator

Gentlemen:

Enclosed you will find VIN constructed for use by International Trailer Corp. This VIN was constructed in accordance with the specifications and example.

ITC will manufacture three basic types of trailers "F" flat bed, "U" utility, "H" horse trailer, the series body type will be "S" standard. The length of these trailers will be minimum 06 feet to 20 feet. The axles configuration will be 1, 2 or 3. We will start to manufacture in February 1986, the manufacturing facility will be located in Bethel, Ohio "B". We will manufacture in excess of 500 units per type.

The check digit will differ on each issue based on the alphabetical to numerical conversion, and arithmetical calculation.

If any of the above information does not comply with your regulations, please advise. If we do not hear from you by 1-15-86, we will assume that all is correct and order our certificate of origin forms.

Respectfully,

Terry R. Grein

CHECK DIGIT CALCULATIONS

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
CHARACTER																	
ACTUAL VIN	1	Z	F	U	S	1	6	2	9	G	B	0	0	0	0	0	1
CONVERTED VALUES from TABLE A (below)	1	9	6	4	2	1	6	2	9	7	2	0	0	0	0	0	1
MULTIPLIER (X)	8	7	6	5	4	3	2	10	0	9	8	7	6	5	4	3	2
PRODUCT (Value x multiplier)	8	63	36	20	8	3	12	200	0	63	160	0	0	0	0	0	2

251 = SUM OF PRODUCTS

SUM OF PRODUCTS = **251**

DIVIDED BY 11 = **22** . **81**

ALPHABETIC TO NUMERIC CONVERSION VALUES

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

NOTE: Numerical characters from actual VIN are used in check digit calculation. Alphabetical characters are converted to numerical, according to TABLE A values.

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		.81 = 9	
.45 = 5		.90 = X	
		.00 = 0	

TABLE B

EXAMPLE:

ABC Trailers, Inc. builds a flat bed standard series trailer with a 16 foot bed length on two axes at a plant in Cleveland, Ohio. What is the VIN coding for this trailer?

Since ABC manufactures less than 500 units per year, SAE assigned ABC a six digit number as follows: 1A9/347. (1A9 goes in columns 1-3 and 347 goes in columns 12-14). ABC has elected to code body type in column 4, series in column 5, length in columns 6 and 7 and number of axes in column 8. (The characters utilized and their placement are determined by the manufacturer, but must include all required attributes for vehicle type). ABC's coding for vehicle attributes are: Type—F=flatbed, U=utility; Series/body type—S=standard, P=special; Length—actual overall bed length in feet (08, 12, 16, etc.) and number of axes—1=single, 2=tandem, etc. The letter F designates the 1985 model year and ABC uses the letter C for the location of their only plant, in Cleveland.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
CHARACTER																	
ACTUAL VIN	1	A	9	F	S	1	6	2	5	F	C	3	4	7	0	0	1
CONVERTED VALUES from TABLE A	1	1	9	6	2	1	6	2	0	6	3	3	4	7	0	0	1
MULTIPLIER (X)	8	7	6	5	4	3	2	10	0	9	8	7	6	5	4	3	2
PRODUCT (Value x multiplier)	8	7	54	30	8	3	12	20	0	54	24	21	24	35	0	0	2

302 = SUM OF PRODUCTS

SUM OF PRODUCTS = **302**

DIVIDED BY 11 = **27** . **45**

Since the check digit calculation for ABC Trailers resulted in a decimal value of .45, Table B shows that the check digit is 5. The value 5, placed in position 9 of the actual VIN, completes the 17 digit VIN requirements.