GENE TAYLOR
5TH DISTRICT, MISSISSIPPI

01-22-N11B-4147

B9151.90 pdy

323 LONGWORTH BUILDING
WASHINGTON, DC 20515-2405
(202) 225-5772

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Congress of the United States
House of Representatives
Washington, DC 20515

279

ORIGINAL

FAX COVER SHEET

CONGRESSMAN GENE TAYLOR

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NHTSA DOCKET
91 JUN 5 PM 2:47

DATE: 31 August 90

FAX TO: Patty Gardner

FAX FROM: Jesse White

PAGES BEING FAXED INCLUDING COVER: 7

NOTES: I will send I.D. #'s on trailers that I have at a later date

OUR FAX NUMBER IN WASHINGTON: 202-225-7074
OUR FAX NUMBER IN HATTIESBURG: 601-582-3452
OUR FAX NUMBER IN GULFPORT: 601-864-3099
OUR FAX NUMBER IN PASCAGOULA: 601-762-7957

Check digit should be a 8. per Jessie Ray White Sept. 5, 1990

Inshop and Portable Welder
WHITE'S WELDING & FABRICATION

Free Estimates
Custom Built Trailers • All Types Trailer Repairs
JESSIE RAY WHITE, JR.
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Vancleave, MS 39564
(601) 826-4908

VIN manufacturer and address calculation and explanation are on the next page.

** TOTAL PAGE.002 **

CHECK DIGIT CALCULATIONS

WMI | Utility Standard | Length | Axles | Check Digit Should Be an 8 | WMI | Sequence No.

CHECK DIGIT

CHARACTER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
ACTUAL VIN	1	W	9	U	S	1	6	2	9	L	V	1	5	2	0	0	1
CONVERTED VALUES, from TABLE A (below)	1	6	9	4	2	1	6	2	0	3	5	1	5	2	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	42	54	20	8	3	12	20	0	27	40	7	30	10	0	0	2

= 283 SUM OF PRODUCTS

283 SUM OF PRODUCTS / DIVIDED BY 11 = WHOLE NUMBER 25 . DECIMAL 73 ⟺

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

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

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

EXAMPLE.

ABC Trailers, Inc. builds a flat bed standard series trailer with a 16 foot bed length on two axles 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 axles 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 axles—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.

CHECK DIGIT

CHARACTER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
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

302 SUM OF PRODUCTS / DIVIDED BY 11 = WHOLE NUMBER 27 . DECIMAL 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.