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ORIGINAL

1123 S.E. MILITARY DRIVE • P. O. BOX 14147 • SAN ANTONIO, TEXAS 78214 • TELEPHONE (512) 923-4317 • TELEX 76-7429

March 13, 1985

4/85

01-22-N11B-1848

Administrator
National Highway Traffic Safety Administration
400 Seventh Street, S.W.
Washington, D. C. 20590

ATTN: VIN Coordinator

Dear Sir:

Pursuant to the directive set forth in CFR 49 Part 565.5D Vehicle Identification Number (VIN), you will find enclosed information necessary to decipher the characters contained in the VIN identifiers affixed to trailers manufactured by:

PAK-MOR Manufacturing Company
1123 S.E. Military Drive
San Antonio, Texas 78214

Sincerely,
George W. Palmer
George W. Palmer
Chief Engineer

GWP:ch
Encs:Ltr from SAE dtd Mar 5, 1985
ENG 385026, Vehicle Identification Number

400 COMMONWEALTH DRIVE, WARRENDALE, PA. 15096-0001 U.S.A.
(412) 776-4841 FAX NO. (412) 776-5760

CABLE ADDRESS: SOCAUTOENG, PA.
TELEX NO. 866-355

March 5, 1985

Mr. George Palmer
Pak-Mor Manufacturing Co.
1123 Southeast Military Drive
San Antonio, TX 78214

Dear Mr. Palmer:

This letter confirms our telephone conversation of March 1, 1985 regarding the assignment of a World Manufacturer (Maker) Identifier (WMI) Code. As the agent of the NHTSA for the assignment of manufacturer identifiers pursuant to CFR 49 Part 565.5C Vehicle Identification Number (VIN), we hereby confirm the following code:

Pak-Mor Manufacturing Co.
1123 Southeast Military Drive
San Antonio, TX 78214
United States

1 P 9

with the 3rd, 4th, and 5th
characters of the Vehicle
Indicator Section to be
0 9 2

Reserved/Trailers

Sincerely,

Debbie Bisch

Debbie Bisch
WMI Coordinator

/db

Enclosure

cc: M. W. Dixon
A. Burgett
B. P. Hickey

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VEHICLE IDENTIFICATION NUMBER
CALCULATIONS - INSTRUCTIONS

The following procedure must be used to determine, assign and affix a Vehicle Identification Number (VIN) on each trailer (Transfer type and Lo-Boye) manufactured by the PAK-MOR Manufacturing Co.

Refer to ENG 385026, Sheet 2 of 2, to work-up sheet for the VIN Identifier.

- Step 1 - Enter the appropriate Order ID Number.
- Step 2 - Using the Sales Order and the information contained on the upper portion of the Work Sheet, enter the appropriate designations for the following:
- A. Trailer Type
 - B. Size
 - C. Rear Axle Ratings
 - D. Hydraulic Power Source
 - E. Type of Loading
 - F. Plant of Manufacturer
 - G. Model Year

Entries to be made in the row labeled * VIN.

- Step 3 - Enter the sequential number designation of the particular trailer unit. Start number sequence on January 1, each year.
- Step 4 - Value Designation. Transfer the numerical value for each number previously entered in the VIN row to the VALUE row. Select from the VALUE table, in the lower left corner of the worksheet, the numerical value for each alphabetic character previously entered on the VIN row, and enter that number on the VALUE row.
- Step 5 - Multiply each number entered in the VALUE row by the multiplier directly below it. Enter the product on the PRODUCT row. (Note any number multiplied by 0 = 0)
- Step 6 - Add all the numbers in the PRODUCT row to obtain a sum. Enter that sum in the space provided at the right end of the product row, and in the space provided at the left of the form.
- Step 7 - Divide the sum arrived at in Step 5 by eleven (11), and enter the whole number in the space provided and the first two digits of the remainder in the space titled DECIMAL.
- Step 8 - Compare and match the decimal remainder with the numerical values noted in the lower right corner of the worksheet. The number or letter "X" that corresponds is the CHECK DIGIT.

Note--The VIN identifier must be located on a permanent structure of the trailer, and be affixed in a manner such that it will be difficult to remove, replace or alter without detection. The VIN identifier digits must be legible and have a minimum height of 4.750 mm (3/16").

Characters 1, 2, 3, 12, 13, and 14 have been assigned to PAK-MOR by the Society of Automotive Engineers (SAE).

VEHICLE IDENTIFICATION NUMBER CALCULATION SHEET

PAK-MOR

WMI	VEHICLE DISRIPTOR SECTION							CHECK DIGIT	MODEL YEAR	PLANT	ASSIGNED BY SAE				SEQUEN-TIAL NUMBER		
	1	2	3	4	5	6	7				8	9	10	11	12	13	14
1	P	9	-	-	-	-	-	-	-	-	-	0	9	2	-	-	-

- PLANT OF MANUFACTURE
- 1 - SAN ANTONIO
 - 2 - DUFFIELD
- MODEL YEAR
- F - 1985
 - G - 1986
 - H - 1987
 - J - 1988
 - K - 1989
 - L - 1990

CHARACTER —
VIN - BASIC
 TRAILER TYPE

- T - TRANSFER TRAILER
- L - LOBOYE TRAILER

- SIZE
- 1 - 75 CU YD
 - 2 - 65 CU YD
 - 3 - 60 CU YD
 - 4 - 50 CU YD
 - 5 - 45 CU YD
 - 6 - 38 CU YD
 - 7 - 32 CU YD
 - 8 - 28 CU YD

- REAR AXLE RATING
- 1 - 50,000 LBS
 - 2 - 44,000 LBS
 - 3 - 38,000 LBS
 - 4 - 20,000 LBS

HYDRAULIC POWER SOURCE

- 1 - SELF-CONTAINED ENGINE
- 2 - WETLINE
- 3 - S/C ENGINE W/ WETLINE
- 4 - WETLINE W/ VALVE ON TRACTOR

TYPE OF LOADING

- SEE BELOW
- R - REAR
 - T - TOP
 - B - TOP AND REAR
 - S - SIDE
 - X - RETREIVER

WMI = WORLD MANUFACTURER IDENTIFIER
 SAE = SOCIETY OF AUTOMOTIVE ENGINEERS

CHECK DIGIT CALCULATIONS

CHECK DIGIT

CHARACTER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
VIN	1	P	9									0	9	2			
VALUE	1	7	9									0	9	2			
MULTIPLIER (X)	8	7	6	5	4	3	2	10	0	9	8	7	6	5	4	3	2
PRODUCT (ADD →)	8	49	54									0	54	10			

SEE BELOW = SUM

 SUM = WHOLE NUMBER . DECIMAL

11

VALUE			
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	

<p>IF DECIMAL IS</p> <p>.09 =</p> <p>.18 =</p> <p>.27 =</p> <p>.36 =</p> <p>.45 =</p>	CHECK DIGIT	1 2 3 4 5	<p>IF DECIMAL IS</p> <p>.54 =</p> <p>.63 =</p> <p>.72 =</p> <p>.81 =</p> <p>.90 =</p>	CHECK DIGIT	6 7 8 9 X
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