

01-22-N11B-2541

187

HECO MFG.
6362 BLACKTOP ROAD
RIO LINDA, CA 95673

FEBRUARY 27, 1987

STANLEY R. SCHEINER
OVSS/NHTSA
400 SEVENTH STREET, S.W.
WASHINGTON, D.C. 20590

ORIGINAL

5 pp.

RE: YOUR LETTER OF 12/4/86

DEAR MR. SCHEINER:

WHEN I RECALCULATED THE CHECK DIGIT FOR THE SAMPLE SUBMISSION, I FOUND MY RESULTS CONFIRMED YOURS. A COPY OF MY WORKSHEET APPEARS BELOW. IT APPEARS THERE WAS A SIMPLE CALCULATION ERROR ON THE ORIGINAL SUBMISSION, NOT AN ERROR OF METHOD.

A CORRECTED COPY OF OUR VIN KEY IS ENCLOSED AS YOU REQUESTED.

THE CORRECT PHONE NUMBER HERE IS (916)991-5528. PLEASE CALL IF YOU NEED OTHER INFORMATION.

YOURS TRULY,

Kathleen Coffman

KATHLEEN COFFMAN
HECO MFG.

ENCL (2)
CC: FILE

CHECK DIGIT CALCULATIONS

CHECK DIGIT

CHARACTER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
ACTUAL VIN	I	H	9	F	B	3	0	2	1	6	R	1	1	3	0	1	1
CONVERTED VALUES from TABLE A (below)	1	8	9	6	2	3	0	2	7	9	1	1	3	0	1	1	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	56	54	30	8	9	0	20		63	72	7	6	15	0	3	2
	= 353																

SUM OF PRODUCTS

$\frac{353}{11} = 32 \text{ R } 09$
 DIVIDED BY 11 = WHOLE NUMBER 32 . DECIMAL 09
 SUM OF PRODUCTS =

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



U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

400 Seventh St., S.W.
Washington, D.C. 20590

DEC - 4 1983

Ms. Kathleen Coffman
Heavy Equipment Manufacturing
P.O. Box 127
Fremont, CA 94536

Dear Ms. Coffman:

This is in response to the submission (enclosed) you sent to the Vehicle Identification Number Coordinator at the National Highway Traffic Safety Administration (NHTSA).

After reviewing your submission for the trailers you manufacture, a check digit error was found in the ninth position for the following sample VIN: 1H9FB3023GR113011. You listed the check digit as a three, and it should have been a one.

After failing in several attempts to reach you by telephone, we are writing to notify you that it appears that your method of calculating the check digit is incorrect. Please review your method and provide us with an updated description of your VIN. This additional information is needed before your submission can be entered into NHTSA's public docket. When this additional information is received, your submission will be complete and it can be referenced by anyone needing information about the document.

Should you have any questions, please contact Mrs. Patti Gardner at (202) 366-5269.

Sincerely,

Stanley R. Scheiner, Chief
Crash Avoidance Division
Office of Vehicle Safety Standards

Enclosure

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HECO MFG.

VEHICLE ID NUMBER (VIN) KEY

EACH VIN CONSISTS OF 17 DIGITS. THE POSITION OF EACH DIGIT IS NUMBERED ABOVE THE SAMPLE VIN ON THIS SHEET. THE EXPLANATION FOR EACH DIGIT IS LISTED FOLLOWING THE NUMBER THAT REPRESENTS ITS POSITION IN THE VIN.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17			
SAMPLE ONLY :	1	H	9	-	F	B	3	0	2	-	1	-	G	R	1	1	3	0	1	1

1-3 & 12-14) WORLD MANUFACTURER ID NUMBER (WMI#) 1H9...113. THESE STAY THE SAME FOR ALL OUR VIN.

4) BODY TYPE CODES

- B - FLATBED WITH BEAVERTAIL
- F - FLATBED
- S - SPECIAL
- T - TILTBED
- U - UTILITY
- G - TAGALONG

MODEL YEAR CODES

- F - 1985
- G - 1986
- H - 1987
- J - 1988
- K - 1989
- L - 1990
- M - 1991
- N - 1992
- P - 1993
- R - 1994
- S - 1995
- T - 1996
- V - 1997
- W - 1998
- X - 1999
- Y - 2000
- 1 - 2001
- 2 - 2002
- 3 - 2003
- 4 - 2004
- 5 - 2005
- 6 - 2006
- 7 - 2007
- 8 - 2008
- 9 - 2009
- A - 2010
- B - 2011
- C - 2012
- D - 2013
- ETC.

5) SERIES CODE - GVW

- A - 0-6,000 LBS.
- B - 6,001-12,000 LBS.
- C - 12,001-19,999 LBS.
- D - 20,000-26,000 LBS.
- E - 26,001-33,000 LBS.
- F - 33,001 AND UP LBS.

6 & 7) LENGTH OF BED TO CLOSEST FOOT (BEAVERTAIL INCLUDED, IF ANY)

8) NUMBER OF AXLES

9) CHECK DIGIT

10) MODEL YEAR, PER STANDARD CODE

11) PLANT CODE: R = RIO LONDA

12-14) PART 2 OF WMI#, AS ASSIGNED BY SAE

15-17) SEQUENTIAL NUMBERING

HEAVY EQUIPMENT

HECO MFG.

(415) 796-9651

(916) 661-6635

MAY 12, 1986

ADMINISTRATOR
NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION
400 SEVENTH STREET S.W.
WASHINGTON, D.C. 20590
ATTN: VIN COORDINATOR

DEAR SIR OR MADAME:

A COPY OF OUR KEY TO VEHICLE ID NUMBER CODES IS ENCLOSED, AS
REQUIRED OF A NEW MANUFACTURER UNDER THE FEDERAL SAFETY STANDARDS
MVSS-115, SECTION S6 - REPORTING REQUIREMENTS.

PLEASE NOTE THAT THIS IS OUR FIRST SUBMISSION, NOT AN ADDITION TO
OR REVISION OF EARLIER CODES.

WE WILL APPRECIATE PROMPT RECORDING BY YOUR AGENCY.

VERY TRULY YOURS,

HECO MFG.

Kathleen Coffman

KATHLEEN COFFMAN

KC
ENCL (1)
CC: FILE

P.O. Box 127
Fremont, CA 94536

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