



B 10/12/90 pdg  
**ORIGINAL**

644 West McKellips Road  
Mesa, Arizona 85201  
602-464-8034  
(Toll Free) 1-800-783-6924  
(FAX) 602-464-4634

01-22-N11B-3924

September 13, 1990

National Highway Traffic Safety Administration  
400 7th St. S.W. Room 5320  
Washington, D.C. 20590

Attn: Patty Gardner

Dear Ms. Gardner:

In reference to the State of California, Dept. of Motor Vehicles  
VR Procedural Memo P-90-15, we are reporting an incorrectly  
computed VIN number.

This involves a 1990 Crossroads Clubhouse Recreational Vehicle  
sold to Stier's RV Sales, located at 500 S. Union Ave, Bakersfield,  
CA. 93307.

The incorrect VIN number was: 47TFB7629LM001269.  
The correct VIN number is: 47TFB7621LM001269.

Corrections have been made with the Dealer.

We are sorry for any inconvenience that this may have caused.

Yours truly,

Jack Frisk, President

JF/sm

Enclosures

cc: Stier's RV Sales  
Becky Parker, Title Clerk

30 OCT 25 AM 1:06

RECEIVED  
NHTSA DOCKET

6 pgs

1269  
28F

	CROSSROADS INDUSTRIES	WORLD MANUFACTURER IDENTIFIER (WMI) FROM SAE	TYPE	WIDTH	BATH	LENGTH	AXLE	CHECK DIGIT	MODEL YEAR	PLANT LOCATION (MESA)	PRODUCTION SEQUENCE NUMBER BEGINNING WITH 1101	
VIN	4	7 T	F	B	7	6	2	<del>8</del> <sup>S/B 1</sup>	L	M	0 0 1 2 6 9	
VAL		3	6	<del>4</del> <sup>S/B 2</sup>				3	4			
ASSMT	8	7	6	5	4	3	2	10	0	9	8 7 6 5 4 3 2	
CALC	32	49	18	30	<del>16</del> <sup>S/B 8</sup>	21	12	20	0	27	32 0 0 5 8 18 18 = 298	
	1	2	3	4	5	6	7	8	9	10	11 12 13 14 15 16 17	
	Section 1			Section 2				CK	Section 3			

#### CALCULATION:

1. Add all numbers on Calc. line.
2. Divide total of Calc. line by 11.
3. Check digit is numerator of fractional remainder before adding any additional zeros to division problem.
4. If the remainder is 10, the check digit is X.

#### EXAMPLE:

VIN	4	7	T	P	D	7	9	2	(6)	K	M	0	0	1	1	0	1																
VAL			3	7	4					2	4																						
ASSMT	8	7	6	5	4	3	2	10	0	9	8	7	6	5	4	3	2																
CALC	32	+	49	+	18	+	35	+	16	+	21	+	18	+	20	+	0	+	18	+	32	+	0	+	0	+	5	+	4	+	0	+	2

$$\begin{array}{r}
 24 \\
 11 \overline{) 270} \\
 \underline{22} \phantom{0} \\
 50 \\
 \underline{44} \\
 6
 \end{array}$$

"6" is the check digit

CORRECTED →

$$\begin{array}{r}
 27 \\
 11 \overline{) 298} \\
 \underline{22} \phantom{0} \\
 78 \\
 \underline{77} \\
 1
 \end{array}$$

(1)

# Stier's RV Sales

AUGUST 15, 1990

CROSSROADS INDUSTRIES  
644 W. MC KELLIPS ROAD  
MESA, ARIZONA 85201

RE: 1990 CROSSROADS CLUBHOUSE ID# 47TFB7629LM001269

DEAR MR. FRISK:

THE FEDERAL GOVERNMENT WILL NO LONGER ALLOW CALIFORNIA DEPARTMENT OF MOTOR VEHICLES TO REGISTER A VEHICLE THAT WILL NOT PASS THE CHECK DIGIT IN THE VIN NUMBER.

THEY ARE TO REFUSE THE APPLICATION FOR REGISTRATION AND RETURN IT TO THE DEALER.

THIS HAS HAPPENED ON THE ABOVE MENTIONED VEHICLE. I AM REQUESTING A COPY OF THE LETTER THAT YOU MUST MAIL TO THE NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION. THIS IS REQUIRED BY DMV BEFORE THEY WILL ISSUE A TITLE.

I HAVE ATTACHED A COPY OF THE DMV MEMO THAT OUTLINES THE PROCEDURE TO CORRECT THE VIN NUMBER. I HAVE ALSO ATTACHED A COPY OF YOUR INVOICE NO. 1296.

I YOU HAVE ANY QUESTIONS PLEASE CALL ME HERE AT THIS DEALERSHIP. THIS VEHICLE HAS BEEN SOLD AND YOUR PROMPT ATTENTION TO THIS MATTER IS APPRECIATED.

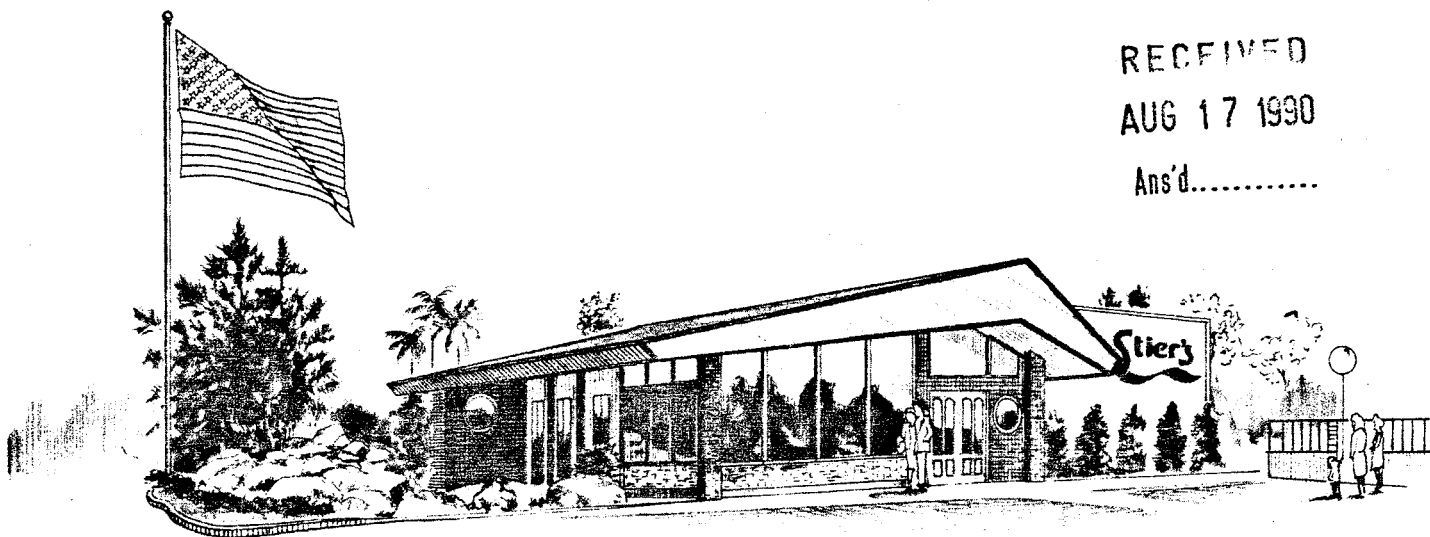
STIER'S LEISURE VEHICLES

BECKY PARKER  
TITLE CLERK

RECEIVED

AUG 17 1990

Ans'd.....



500 S. UNION AVE. • BAKERSFIELD, CA 93307 • (805) 328-7000

CROSSROADS INDUSTRIES  
MOTOR VEHICLE SAFETY STANDARD NO. 115  
VEHICLE IDENTIFICATION NUMBER (VIN)

TRAILER TYPE CODE

Travel Trailer = T= 3  
Fifth Wheel = F= 6  
Park Model = P= 7

TRAILER SERIES (WIDTH) CODE

7' = A = 1  
8' = B = 2  
10' = C = 3  
12' = D = 4  
14' = E = 5

TRAILER BODY TYPE (BATH) CODE

No Bath = 6  
Center Bath = 7  
Rear Bath = 8

TRAILER AXLE CONFIGURATION

Single = 1  
Tandom = 2  
Triple = 3

TRAILER LENGTH CODE

12' to 15' = 1  
16' to 18' = 2  
19' to 21' = 3  
22' to 24' = 4  
25' to 27' = 5  
28' to 30' = 6  
31' to 33' = 7  
34' to 36' = 8  
37' to 40' = 9

MODEL YEAR CODE

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



**STATE OF CALIFORNIA  
DEPARTMENT OF MOTOR VEHICLES**

**DMV**

**VR PROCEDURAL MEMO P-90-15**

**DATE** : July 12, 1990

**JUL 26 1990**

**TO** : All Region, Field Office and Headquarters Operations Managers, Auto Clubs, Dealers and Manufacturers and All Holders of the Manual of Registration Procedures

**SUBJECT** : New Vehicles Not Passing Check Digit

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**Purpose** This memo clarifies information received on Procedural Memo P-90-12 and informs you of:

- procedures for processing new vehicles not passing check digit
- requirements and contacts for manufacturers and dealers

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**Background** The Federal Motor Vehicle Safety Standard Number Act of 1983 requires manufacturers to assign a vehicle identification number (VIN) that passes check digit to each of its vehicles. In order for a VIN to meet Federal standards and to pass check digit, the manufacturer must compute the VIN by using a mathematical formula obtained from the Society of Automotive Engineers.

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**Problem** Some small volume manufacturers compute their VIN's manually and have made errors resulting in VIN's not passing check digit.

DMV is required by Federal statute to refuse registration for new vehicles not passing check digit. However, Federal law forbids a VIN once placed on a vehicle to be removed.

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**When a New Vehicle Does Not Pass Check Digit** **DMV or Auto Club**  
When an application is received for new vehicle and the VIN does not pass digit check, the technician should:

- cancel the transaction (Do not by-pass and RDF the application)
- line date stamp the application the date it was received
- return the application to the dealer.

**Note:** If the application is being processed in a bundle or multiple, the fees submitted for the application will become excess fees. Refund or credit as appropriate.

**Vehicle Dealer**

When an application is returned because the VIN does not pass check digit, the dealer should:

- verify that the number on the application matches the number assigned to the vehicle
- contact the manufacturer if the number on the vehicle is the same
- correct and resubmit the application if the number on the application was incorrect.

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continued on next page

**continued - New Vehicles Not Passing Check Digit**

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**Vehicle Manufacturer**

If the manufacturer has incorrectly computed a VIN and assigned it to a vehicle, he/she must send:

- a statement (letter) to the following Federal agency:

National Highway Traffic Safety Administration (NHTSA)  
400 7th St. SW Rm 5320  
Washington, DC 20590  
Att: Patty Gardner  
(202) 366-5269

- a copy of the statement to the dealer.

**Note:** The statement must include the incorrect VIN assigned and what the correct VIN should have been. NHTSA will file the statement in their public VIN files.

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**Questions  
About  
Check Digit**

Manufacturers or Dealers having questions about the check digit program should be referred to NHTSA. If they have questions about the formula to compute the VIN's, they should be referred to:

WMI Coordinator  
Society of Automotive Engineers, INC.  
400 Commonwealth Dr.  
Warrendale, PA 15096  
(412) 776-4841

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**Procedures  
For Returned  
Applications**

Technicians will process resubmitted applications using the appropriate TTC if:

- the VIN on the Report of Sale has been corrected and now passes check digit.  
or
- the application is submitted with a copy of the manufacturer's letter to NHTSA. The actual VIN on the vehicle must be shown on the Report of Sale and keyed on the transaction.

**Note:** ASF fees and registration penalties should be waived if the application was originally received within 20 days.

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**Retention**

Retain until superseded or incorporated into the Manual of Registration Procedures.

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CAROLE WAGGONER, Chief  
Program and Policy Administration Division