

B-10/16/90
rdy



E.D. ETNYRE & CO., Oregon, Illinois 61061-9705

1333 South Daysville Road • Phone 815/732-2116 • Fax 815-732-7400 • Cable "EDECO"
Telex: Western Union 257-353, RCA 249-415

ESTABLISHED 1898
INCORPORATED 1917

23-90

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Attn: ... VEM Coordinator

4 pgs

Gentlemen

In accordance with the reporting requirements of section 6
of ETRAC 115. In particular, section 6.3, we are attaching an
amendment to the information necessary to decipher the characters
in our vehicle identification numbers. Our amendment changes the
model year from a calendar year to the year period from October
1st to September 30th.

Please advise if we have satisfied the notification
requirements.

Sincerely,
Richard A. Killen
Richard A. Killen
Manager of Engineering
E.D. Etnyre & Co.
1333 Daysville Road
Oregon, Illinois 61061

Enc. Three

Best copy available [6-5-98 JGB]

The establishment of vehicle identification numbers (VIN) to include products manufactured by E.D. Etnyre & Co. is promulgated under 49CFR 571.115.

The result of this regulation is the use of the VIN on vehicle labels and may intrude itself into other areas of documentation.

As a convenience to our operations, the vehicle identification numbers on the FMVSS label will now be the VIN required by this regulation. A separate location outside of the body of the certification label statement but on the label itself will be reserved for the Etnyre Serial Number.

The VIN is composed of seventeen characters and will be assigned at the time the normal certification label is complete.

The vehicle model year will be the period from 12:01 a.m. October 1st, to 12:00 p.m. September 30th, and will be designated as the new year following October 1st.

EXAMPLE: October 1, 1989 to September 30, 1990 = model year 1990.

1	E	9	X	X	X	X	X	X	X	X	0	0	7	X	X	X
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Space 1,2,3, - MANUFACTURER IDENTIFIER (EDECO)
1. USA
2. SAE ASSIGNED CODE
3. 9 = PRODUCTION UNDER 500/YEAR

Space 4,5,6,7,8 VEHICLE DESCRIPTOR
4. T = TANK TYPE
5&6. LENGTH = NEAREST FOOT
E.G. 3,6, = 36 FT.
7. NUMBER OF AXLES
E.G. 2 = 2 AXLES
8. 0 = NOT USED

Space 9 - CHECK DIGIT, PER S5, FMVSS 115
- MODEL YEAR. PER S4.5.3.1, FMVSS 115
- PLANT OF MANUFACTURE
E = OREGON, IL.
W = EL RENO, OK.

Space 12,13,14 - MANUFACTURE IDENTIFIER (EDECO)

Space 15,16,17 - PRODUCTION SEQUENCE
001 THRU 499

ENGINEERING INSTRUCTIONS

ROUTE TO

PRODUCTION		UNIT(S) FILE	
PROD. CONTROL		DRAFTING	
PARTS DEPT.			
PLT. "A" SUPT.			
PLT. "B" SUPT.			

PRODUCT ALL TRAILERS
 S/N _____
 PAGE 2 OF 3
 ISSUED BY J. DECKER
 DATE May 1, 1980

S4.5.3.1. The first character of the third section shall represent the vehicle model year. The year shall be designated as indicated in Table II.

TABLE II

Year	Code
1980	A
1981	B
1982	C
1983	D
1984	E
1985	F
1986	G
1987	H
1988	J
1989	K
1990	L
1991	M
1992	N
1993	P
1994	R
1995	S
1996	T
1997	V
1998	W
1999	X
2000	Y
2001	1
2002	2
2003	3
2004	4
2005	5
2006	6
2007	7
2008	8
2009	9
2010	A
2011	B
2012	C

SYM	REVISION	SYM	REVISION	REMARKS

ENGINEERING INSTRUCTIONS

3100249

ROUTE TO

PRODUCTION		UNIT(S) FILE	
PROD. CONTROL		DRAFTING	
PARTS DEPT.			
PLT. "A" SUPT.			
PLT. "B" SUPT.			

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 PAGE 3 OF 3
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S5. Check digit.

S5.1 A check digit shall be provided with each vehicle identification number. The check digit shall immediately follow the fifth character of the second section and appear with the vehicle identification number on the vehicle and on any transfer documents containing the vehicle identification number and prepared by the manufacturer to be given to the first owner for purposes other than resale.

S5.2 The check digit is determined by carrying out the mathematical computation specified in S5.2.1 - S5.2.4.

S5.2.1 Assign to each number in the vehicle identification number its actual mathematical value and assign to each letter the value specified for it in Table IV.

TABLE IV

A=1	J=1	T=3
B=2	K=2	U=4
C=3	L=3	V=5
D=4	M=4	W=6
E=5	N=5	X=7
F=6	P=7	Y=8
G=7	R=8	Z=9
H=8	S=2	

S5.2.2 Multiply the assigned value for each character in the vehicle identification number by the weight factor specified for it in Table V. Multiply the check digit by 0.

TABLE V

Character and Weight Factor

1st.....	8
2d.....	7
3rd.....	6
4th.....	5
5th.....	4
6th.....	3
7th.....	2
8th.....	10
Check Digit.....	0
9th.....	9
10th.....	8
11th.....	7
12th.....	6
13th.....	5
14th.....	4
15th.....	3
16th.....	2

S5.2.2 Add the resulting products and divide the total by 11.

S5.2.4 The remainder is the check digit. If the remainder is 10, the check digit is X.

Example:

Vehicle Identification Number

Character 1 G 4 A H 5 9 H 4 5 G 1 1 8 3 4 1

Assigned Value

Value 1 7 4 1 8 5 9 8 4 5 7 1 1 8 3 4 1

Multiply by Weight factor

8 7 6 5 4 3 2 10 0 9 8 7 6 5 4 3 2

Add Products

8+ 49+24+5+ 32+15+18+80+0 45+56+7+ 6+ 40+12+12+2=411

Divide by 11

411/11 = 37 4/11

Check Digit

4 (compare to character in 9th position)

SYM	REVISION	SYM	REVISION	REMARKS