ORIGINAL

8 1/17/86 ray RM-01

Harley-Davidson Motor Co., Inc., 3700 W. Juneau Ave., P.O. Box 653, Milwaukee, WI 53201 414/342-4680

01-22-NHB-12157, 1985

March 12, 1985

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

Attention: V.I.N. Coordinator
Subject: Harley-Davidson Motor Co., Inc.
Coding for FMVSS No. 115

Dear Sir:

In compliance with Section 56.3 of the FMVSS No. 115 Reporting Requirements, attached is a matrix listing the model names and their corresponding V.I.N. codes for our 1984, 1985, and 1986 models.

If you have any questions, or require any additional data, do not hesitate to contact me.

Sincerely,

Erv Menzel

Erv Menzel
Supervisor, E.D.S.

rn
Attach.

cc: J. Moorman
W. Schalk
J. Schmidt

*Revised 3/13/85

1984, 1985, 1985½, 1986 VIN TABLE

MODEL NAME	1984 VIN	1985 AND 1985½ VIN	1986 VIN
FLTC-Shrine	---	---	* 1DKL1*G
FLTC-Chrome	---	1DBL2*F	---
FLTC	1DBL3*E	1DBL1*F	1DBL1*G
FLTC-w/Sidecar	1DHL3*E	1DHL1*F	1DHL1*G
FLHTC	1DDL3*E	1DDL1*F	1DJL1*G
FLHTC-Chrome	---	1DDL2*F	---
FLHTC-w/Sidecar	1DEL3*E	1DEL1*F	* 1DEL1*G
FLHTC-Liberty	---	---	---
FLHT	---	---	1DDL1*G
FLHTP (Police)	1DFL3*E	1DFL1*F	1DFL1*G
FLHT (Shrine)	1DGL3*E	---	---
FLHTC (Shrine)	---	1DGL1*F	* 1DGL1*G
FLH	1AAK3*E	---	---
FLH (Police-Belt)	1AHK3*E	---	---
FLH (Shrine-Belt)	1ALK3*E	---	---
FLHX	1AEK3*E	---	---
FLHS	1AKK3*E	---	---
FLHST	---	---	1BJL1*G
FXEF	---	1BBL1*F	---
FXE-Single Tank	1BAK3*E	---	---
FXE-Twin Tank	1BBK3*e	---	---
FXST	1BHL3*e	1BHL1*F	1BHL1*G
FXSTC	---	---	1BKL1*G
FXSB	1BKF3*E	1BFL1*F	---
FXWG	1BEK3*E	1BEL1*F	1BEL1*G
FXWG-California	---	---	* 1BEL2*G
FXR	1EAL3*E	---	1EAL1*G
FXRS	1EBL3*E	1EBL1*F	1EBL1*G
FXRT	1ECL3*E	1ECL1*F	1ECL1*G
FXRP	1EDL3*E	1EDL1*F	1EDL1*G
FXRDG	1EEL3*E	---	---
FXRP (Chips)	1EFL2*E	---	---
FXRP (Chips)	---	1EKL1*F	---
FXRP (Fairing)	---	1EFL1*F	1EFL1*G
FXRS (High Perf)	---	1EGL1*F	1EGL1*G
FXRC	---	1EJL2*F	---
FXRS (Chrome)	---	1EBL2*F	---
FXRD	---	---	1EHL1*G
XLH	1CAH3*E	1CAH1*F	---
XLH-1100	---	---	1CAN1*G
XLH-1100 (Liberty)	---	---	1CAN4*G
XLS	1CBH3*E	1CBH1*F	---
XLX	1CCH3*E	1CCH1*F	---
XLH-883	---	---	4CAM1*G
XR-1000	1CDH3*E	---	---
CLE	8SEX1*E	---	---
TLE (w/mtcycle)	8SFX1*E	8SFX1*F	* 8SFX1*G
TLE	8SGX1*E	8SGX1*F	8SGX1*G
RLE	---	8SHX1*F	8SHX1*G
CLE (w/FLHX)	8SHX1*E	---	---

Harley-Davidson Motor Co., Inc., 3700 W. Juneau Ave., P.O. Box 653, Milwaukee, WI 53201 414/342-4680

October 31, 1985

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

Attention Patti Gardner
V.I.N. Coordinator

Dear Patti:

Subject: Harley-Davidson Motor Co., Inc.
Coding for FMVSS No. 115

Per our telephone conversation of 10/30/85 I am forwarding to you a complete copy of our General Engineering Standard 05911 explaining our method of assigning V.I.N. numbers.

Request that you submit this to Dockett 1-22-11. I have highlighted those pages that explain the coding of each of the 17 positions of the V.I.N.

If I can be of further assistance, please contact me at:

Harley-Davidson Motor Co.
3700 W. Juneau Avenue
Milwaukee, WI 53208
(414) 935-4212

Sincerely,

Ervin W. Menzel

Ervin W. Menzel
Supervisor-Eng. Documentation & Stds.

/jv

enclosure

3

1. SCOPE

This procedure establishes the VIN coding and marking requirements necessary to comply with Federal Motor Vehicle Safety Standard (FMVSS) No. 115. (Effectivity date 9-1-1980).

2. APPLICABLE DOCUMENTS

The following documents form a part of this procedure to the extent specified herein. The latest issue in effect shall apply.

National Highway Traffic Safety Administration -

FMVSS No. 115 - Vehicle Identification Number

49CFR Part 567 - Certification

3. REQUIREMENTS

FMVSS No. 115 applies to street-legal motorcycles only; but, racing motorcycles and sidecars shall use an abbreviated version of the Standard No. 115 VIN. All 17 characters, including the check digit, shall be used on the aforementioned products; but, zeros shall be used to indicate unused digit positions and X's to indicate unused alpha positions.

3.1. VIN COMPOSITION

The FMVSS No. 115 VIN, hereafter referred to as "VIN", consists of 17 characters, divided into three sections as shown in Figure 1.

1HD |AAJ1 1 BY010000

BY010000--------Section 3 - Vehicle Indicator

1----------Check Digit

|AAJ1----------Section 2 - Model Identifier

1HD----------Section 1 - Manufacturer Identifier

Figure 1 - VIN

3.1.1 Format Requirements

The permissible VIN characters are as follows:

Numbers - 0 thru 9
Letters - All; except, I, O and Q (23 letters)

(Specific alpha or numeric character assignment is specified Sections 3.1.2 thru 3.1.5).

3.1.1.1 Character Type, Size and Spacing

The minimum height, width, depth and space between the characters shall be as follows:

Type: Capital sans serif characters (Posident characters, see Figure 2, are satisfactory).

Height: 4mm (0.1575 in.)

Width: 75% of height or 0.1185 in.

Space between characters: 22% of height or 0.035 in.

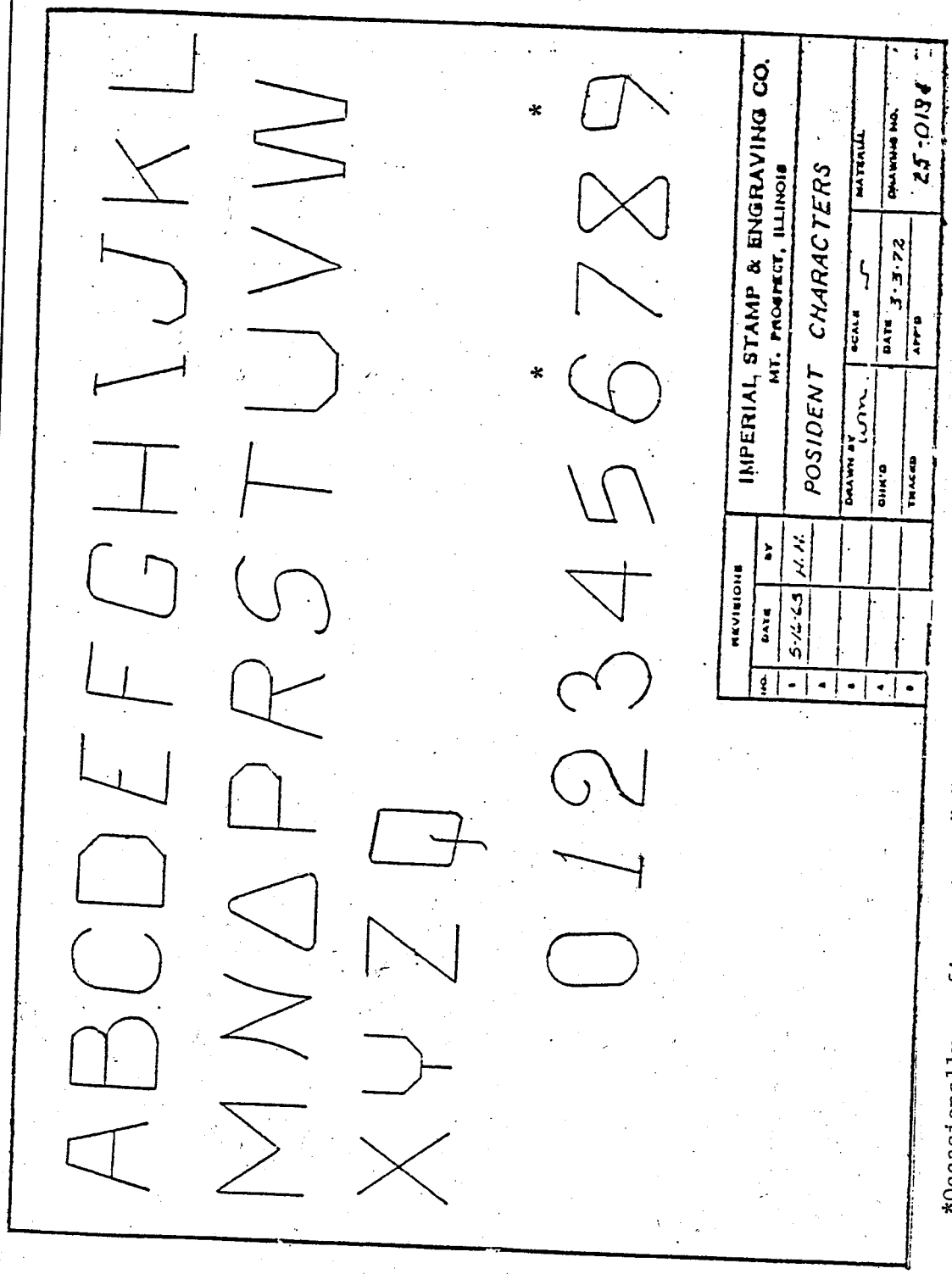
Depth: 0.005 in.

Space between Sections: Same as between characters

3.1.1.2 Stamping Surface

The VIN shall be impression stamped on an unmachined surface. This will allow detection in the case of alteration in the field. Altering of incorrect stampings in the plant for street legal motorcycle frames and engines (crankcases) is not permitted. See Section 6.

5



*Occasionally configurations "6" and "9" have been erroneously interchanged. Such numbers are considered legitimate numbers in answer to inquiries from law enforcement agencies. This policy decision is recorded in the March 17, 1981 Meeting Minutes on this subject.

Figure 2

3.1.1.3 York Stamping Machine Capability

The frame stamping machines at the York facility have character barrels or wheels usually with 10 character capacity; i.e., 10 variable characters are available for each of 14 variable VIN character positions. The planned character contents of the wheels is shown in TABLE I. Coding for future models shall utilize characters available on the frame stamping machines.

TABLE I

CONTENTS OF WHEELS ON YORK FRAME STAMPING MACHINES

VIN Section	VIN Positions		Characters
1	1-3	= Plate containing a constant of "1HD"	
2	4	= Ten Characters -	1,1,1,2,3,4,5,6,7, and 8
2	5	= Ten Characters -	A,B,C,D,E,F,G,R,S, and blank
2	6	= Twelve Characters -	A,B,C,D,E,F,G,H,J,K,L and blank
2	7	= Ten Characters -	H,J,K.L,M,N,P,R,S, and blank
2	8	= Ten Characters -	1,1,1,2,2,2,3,3,3, and 4
Check Digit	9	= Twelve Characters -	0,1,2,3,4,5,6,7,8,9,X, and blank
3	10	= Ten Characters -	E,F,G,H,J,E,F,G,H,J
3	11	= Ten Character -	Y,Y,Y,Y,Y,Y,Y,Y,T,J
3	12-17	= Ten Characters (incrementing by 1 after each usage)-	1,2,3,4,5,6,7,8,9 and 0

NOTES:

(1) Blank positions allow hand stamping if the desired character broke or became unusable.

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3.1.2 Section 1 of VIN - Manufacturer Identifier (Position 1-3)

The first section shall consist of three characters to identify the manufacturer, make and type of motor vehicle. Coding for Section 1 is shown in Figure 3 below.

1 H D

D----------Make - Harely-Davidson

H----------Manufacturer - Harley-Davidson

1------Type of motor vehicle - Motorcycle (Motor Vehicle made in U.S.A.)

Figure 3 - Coding for Section 1

3.1.3 Section 2 of VIN - Model Identifier (Position 4-8)

The second section shall consist of five characters to identify specific model and its characteristics. The information decipherable from Section 2 shall be as follows:

a. Type of motorcycle
b. Line
c. Engine type
d. Net brake horsepower ±10%

(See Section S3 of FMVSS No. 115 for definitions of above terms b., c. and d. Term a. is not defined.)

See Figure 4 for sample Section 2 and TABLE II for coding of models.

1 A A K 1

1---Regular introduction date

K---------Engine type and net brake horsepower (1340)

A----------Series (H)

A----------Line (FL)

1----------Motorcycle type (Heavyweight)

Figure 4 - Section 2 Coding

8

TABLE II

Coding for Section 2

4TH position of 17.

CODING FOR FIRST CHARACTER OF SECTION 2
"TYPE OF MOTORCYCLE" OR OTHER PRODUCT

Character		Signifies
1	=	Heavyweight Motorcycle (901cc and larger)
2	=	Reserved for future use
3	=	Reserved for future use
4	=	Middleweight Motorcycle (351 - 900cc)
5	=	Reserved for future use
6	=	Lightweight Motorcycle (0 - 350cc)
7	=	Other (Racing or off-road motorcycles)
8	=	Sidecar

CODING FOR SECOND CHARACTER OF
SECTION 2 "LINE"

see Table II

Character		Signifies
A	=	OPEN
B	=	FX line
C	=	XL line
D	=	FLT line
E	=	FXR line
F	=	OPEN
G	=	OPEN
R	=	Racing Motorcycle line
S	=	Sidecar

TABLE II (Continued)

Coding for Third Character of Section 2 "Series"

(POS. 5) FAMILY LINE	(POS. 6) MODEL LINE	MODEL NAME
A	A	FLH
A	B	FLH-Police (Std)
A	C	FLH-Shrine Chain
A	D	FLH-Classic
A	E	FLT-1981 Only & FLHX-1984
A	F	FLTC-1981 Only & FLHX w/sidecar-1984
A	G	FLH-Classic w/sidecar
A	H	FLH-Police (Deluxe)
A	J	FLH-Heritage
A	K	FLHS
A	L	FLH-Shrine Belt
B	A	FXE
B	B	FXEF-80 thru 1981 model & FXE mid 1984 w 3-½ gallon FXEF style twin tanks
B	C	FXS
B	D	FXB
B	E	FXWG
B	F	FXSB
B	G	FXDG
B	H	FXST
B	J	FLST
B	K	OPEN
B	L	OPEN
C	A	XLH
C	B	XLS
C	C	XLX
C	D	XR-1000
C	E	OPEN
C	F	OPEN
C	G	OPEN
C	H	OPEN
C	J	OPEN
C	K	OPEN
C	L	OPEN
D	A	FLT thru 1983 & FLHTP-windshield 1986 & Later
D	B	FLT Classic
D	C	FLT-Police thru 1983 & FLHT-1984 & Later
D	D	FLT-Shrine thru 1983 & FLHTC-1984 & 1985, FLHT-86 & Later
D	E	FLHTC w/sidecar
D	F	FLHT-Police Fairing
D	G	FLHT-Shrine thru 1984 & FLHTC-Shrine 1985 & Later
D	H	FLTC w/sidecar
D	J	FLHTC
D	K	FLTC-Shrine
D	L	FLHT-Shrine 1985 & Later
E	A	FXR
E	B	FXRS
E	C	FXRT
E	D	FXRP (1985 w/windshield)
E	E	FXRDG
E	F	FXRP (1984-CHIPS & 1985 w/fairing)
E	G	FXR-Custom
E	H	FXRT-Dresser
E	J	FXRC
E	K	FXRP (CHIPS)
E	L	FXLR
F	OPEN	
G	OPEN	
R	A	XR-750
R	B	OPEN
R	C	OPEN
R	D	OPEN
R	E	OPEN
R	F	OPEN
R	G	OPEN
R	H	OPEN
R	J	OPEN
R	K	OPEN
R	L	OPEN
S	A	CLE w/FLH thru 1983
S	B	TLE w/FLT thru 1983
S	C	LE alone
S	D	CLE w/FLH-Classic
S	E	CLE alone
S	F	TLE w/FLTC, FLHTC
S	G	TLE alone
S	H	OPEN
S	J	OPEN
S	K	OPEN
S	L	OPEN

This is a character not required by Standard 115; but is required to identify a specific model; i.e., the combination of the 2nd, 3rd and sometimes 4th character will identify a specific model.

TABLE II (Continued)

CODING FOR FOURTH CHARACTER OF SECTION 2
"ENGINE TYPE AND NET BRAKE HORSEPOWER"

7th position of 17.

(Combining these two attributes under one character has been approved by NHTSA.)

Character		Signifies
H	=	4-cycle, V-2 (cylinders), displacement - 1000 cc, fuel-gasoline, manufacturer - Harley-Davidson, net brake horsepower - 55 HP
J	=	Same as H above; except, displacement - 1200 cc, net brake horsepower - 60 HP
K	=	Same as H above; except, displacement - 1340cc, net brake horsepower - 64 HP
L	=	Evolution Engine - same as K above; except, 70 HP
M	=	Evolution Engine - same as H above; except, 883 cc and 51 HP
N	=	Evolution Engine - same as H above; except, 1100 cc and 62 HP
X	=	Sidecar

Racing engine information is not required. The accuracy of the horsepower figures shall be ± 10%. (See Federal Register 45 F.R. 12255 dated 2-25-80.)

CODING FOR FIFTH CHARACTER OF SECTION 2
"IDENTIFICATION OF MID-YEAR OR
SPECIAL INTRODUCTORY DATE MODELS"

8TH position of 17.

Character		Signifies
1	=	Regular introduction date
2	=	Mid-year or special introduction date
3	=	Special usage for start of 1984 model-12-31-83 for California identification
4	=	Used for vehicles introduced with cosmetic changes only, i.e. color, chrome, etc.

3.1.4 Check Digit (Position 9)

The check digit is a single number (0 thru 9) or the letter X used to verify the accuracy of the transcription of the VIN. Section S5 of FMVSS No. 115 contains the procedure for calculating the check digit and this section has been reproduced directly below:

(Excerpt from FMVSS No. 115)

"S5. Check digit.
(2)
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 III.

Example:

Vehicle Identification Number Character	1	G	4	A	H	5	9	H	4	5	G	1	1	8	3	4	1
Assigned 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)

TABLE III

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=9	Z=9
H=8	S=2	

Note: York has Computer Program for calculating check digits.

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

TABLE IV
Character and Weight Factor

1st	
2nd	8
3rd	7
4th	6
5th	5
6th	4
7th	3
8th	2
9th...Check Digit	10
10th	0
11th	9
12th	8
13th	7
14th	6
15th	5
16th	4
17th	3
	2

S5.2.3 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.

3.1.5 Section 3 of VIN (Position 10-17)

The third section shall consist of 8 characters. See Figure 5 for sample Section 3 and TABLES V and VI for coding.

C Y 000000

000000----------Sequential Number
Y----------Plant of manufacture (York)
C----------Model year (1982)

Figure 5 - Sample Section 3

TABLE V

Model Year Codes (First Character of Section 3)

10TH position of 17

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

TABLE VI

11TH position of 17.

Plant of Manufacture Codes (Second Character of Section 3)

Plant	Product	Code
York	Motorcycle	Y
Tomahawk	Sidecars	T
Juneau	Racing Motorcycles	J

3.1.5.1 Sequential Number

The last six characters of Section 3 contain the sequential serial number. The beginning sequential number for the stamping machines at York is as follows:

12TH thru 17TH positions

Forged Frames FL & FX	010000 thru 109999
Tubular Frames XL & FXR	110000 thru 499999
Dealer Stock Engines (See Note Below)	900000 thru 999999
FLT Model	500000 thru 899999

Sequential numbers for Racing Motorcycles and Sidecars shall begin each model year at 10,000 and proceed sequentially through the model year.

NOTE: The Parts & Accessories Division assign and stamp dealer stock engines before shipment to dealers and keep a log of assignments.

4. REQUIRED VIN LOCATIONS

4.1 STREET LEGAL MOTORCYCLES

FMVSS 115 requires that the VIN, including check digit, --- "shall appear clearly and indelibly upon either a part of the vehicle other than the glazing that is not designed to be removed except for repair or upon a separate plate or label which is permanently affixed to such a part". (Preceding requirement contained in S4.3 of FMVSS 115.)

To provide theft protection, the full VIN shall be stamped on the frame (steering head) and an abbreviated portion on the engine. The VIN stamped on the engine shall be abbreviated as shown in Figure 6 below. To prevent engine VIN alteration, stamped "stars" shall precede and follow engine VIN.

4/9/86

4.1. STREET LEGAL MOTORCYCLES (continued)

Check digit should be a 0. Please hand correct. Richard Frone pdg

1 HD 1 A A J 1 X C Y 010000

Please hand correct

010000----Serial Number
Y---------York
C---------1982
X---------Check Digit
1---------Regular Introduction Time
J---------1200
A---------H(FLH)
A---------FL line
1-------Heavyweight motorcycle
HD------Manufacturer & make (both Harley-Davidson)
1-------Type of motor vehicle - motorcycle

Positions 5,6,7,10,&12 thru 17 are Stamped on Engine

Figure 6 - Abbreviated VIN for Engine

The complete 17-character VIN shall also be stamped on the Certification or ID label to comply with 49CFR Part 567. Character height for the label VIN is 3/32 in. minimum.

4.2. SIDECARS

The Sidecar VIN shall be stamped on the Main Tube Assembly of the Sidecar Frame. See Figure 7 for sample Sidecar VIN.

1HD 8 S A X1 1 B T 010001

Check digit should be a 4 pdg

010001---Sequential Number
T----Plant of manufacture-Tomahawk
B----Model Year, 1981
1-----Check Digit
X1----Regular Introduction Date
└----Not used
A-----CLE
S------Sidecar line
8---------Type-Sidecar
1HD------Manufacturer Identification

Figure 7 - 1981 CLE Sidecar VIN

4.3. RACING/OFF-ROAD MOTORCYCLES

VIN number assignment is mandatory for Racing motorcycles; but, the stamping and location of VIN are optional. A sample VIN for the XR-750 is shown in Figure 8:

1HD 7 R A X1 1 B J 010000

Check digit should be a 9. See Page 13.

010000---Sequential Number
J---Plant of manufacture-Juneau
B---Model year, 1981
1---Check Digit
X1---Regular Introduction Date
└---Not used
A---XR-750
R---Racing motorcycle line
7----Racing motorcycle
1HD----Manufacturer identification

Figure 8 - Sample 1981 XR-750

4.4 ASSIGNMENT OF VIN

Complete VIN's for all applicable models are tabulated in Appendix I. Prior to each model year, a tabulation of the models and VIN's will be added to Appendix I.

Requests for assignments of VIN's are to be requested through and approved by the Engineering Program Manager.

5. VIN REVISIONS

Changes to the VIN coding or order shall be submitted to NHTSA 60 days prior to use of the revised VIN. This requirement also applies to added coding for new models. The above requirements apply only to street-legal motorcycles.

All such changes incuding VIN codes for the next model year shall be processed through the Engineering Documentation & Standards Section.

6. VIN STAMPING ERRORS

Stamping errors on street-legal motorcycle frames or engines (crankcases) shall not be altered or corrected. The frame or crankcase having the incorrect VIN shall be scrapped.

7. VIN RECORD-KEEPING

VIN record-keeping procedures, i.e. transmittal of production lists of VIN numbers from York to Milwaukee, time of retention of such records, etc., are not considered part of this standard. For information contact the MIS Department.

APPENDIX I

1984, 1985, 1985½ 1986 VIN TABLE

MODEL NAME	1984 VIN	1985 AND 1985½ VIN	1986 VIN	1987 VIN
FLTC-Shrine	---	---	1DKL1*G	
FLTC-Chrome	---	1DBL2*F	---	
FLTC (Special)			1DBL2*G	
FLTC	1DBL3*E	1DBL1*F	1DBL1*G	
FLTC (Liberty)	---	---	1DBL4*G	
FLTC-w/sidecar	1DHL3*E	1DHL1*F	1DHL1*G	
FLHTC	1DDL3*E	1DDL1*F	1DJL1*G	
FLHTC (Special)	---	---	1DJL2*G	
FLHTC-Chrome	---	1DDL2*F	---	
FLHTC-w/sidecar	1DEL3*E	1DEL1*F	1DEL1*G	
FLHTC-Liberty	---	---	1DJL4*G	
FLHT	---	---	1DDL1*G	
FLHTP (Fairing)	1DFL3*E	1DFL1*F	1DFL1*G	
FLHTP (Windshield)	---	---	1DAL1*G	
FLHT (Shrine)	1DGL3*E	---	1DLL1*G	
FLHTC (Shrine)	---	1DGL1*F	1DGL1*G	
FLH	1AAK3*E	---	---	
FLH (Police-Belt)	1AHK3*E	---	---	
FLH (Shrine-Belt)	1ALK3*E	---	---	
FLHX	1AEK3*E	---	---	
FLHS	1AKK3*E	---	---	
FLST	---	---	---	
FXEF	---	1BBL1*F	1BJL1*G	
FXE-Single Tank	1BAK3*E	---	---	
FXE-Twin Tank	1BBK3*E	---	---	
FXST	1BHL3*E	1BHL1*F	1BHL1*G	
FXSTC	---	---	1BKL1*G	
FXSB	1BKF3*E	1BFL1*F	---	
FXWG	1BEK3*E	1BEL1*F	1BEL1*G	
FXWG-California	---	---	1BEL2*G	
FXR	1EAL3*E	---	1EAL1*G	
FXRS	1EBL3*E	1EBL1*F	1EBL1*G	
FXRS (Special)	---	---	1EBL2*G	
FXRS (Liberty)	---	---	1EBL4*G	
FXRT	1ECL3*E	1ECL1*F	1ECL1*G	
FXRP (Windshield)	1EDL3*E	1EDL1*F	1EDL1*G	
FXRDG	1EEL3*E	---	---	
FXRP (Chips)	1EFL2*E	---	---	
FXRP (Chips)	---	1EKL1*F	---	
FXRP (Fairing)	---	1EFL1*F	1EFL1*G	
FXRS (High Perf)	---	1EGL1*F	1EGL1*G	
FXRC	---	1EJL2*F	---	
FXRS (Chrome)	---	1EBL2*F	---	
FXRD	---	---	1EHL1*G	
FXLR	---	---	---	1ELL1*H
XLH	1CAH3*E	1CAH1*F	---	
XLH-1100	---	---	1CAN1*G	1CAN1*H
XLH-1100 (Liberty)	---	---	1CAN4*G	
XLS	1CBH3*E	1CBH1*F	---	
XLX	1CCH3*E	1CCH1*F	---	
XLH-883	---	---	4CAM1*G	4CAM1*H
XLH-883 (Upgrade)	---	---	4CAM4*G	4CAM4*H
XR-1000	1 CDH3*E	---	---	
CLE	8SEX1*E	---	---	
TLE (w/motorcycle)	8SFX1*E	8SFX1*F	8SFX1*G	
TLE	8SGX1*E	8SGX1*F	8SGX1*G	
RLE	---	8SHX1*F	8SHX1*G	
CLE (w/ FLHX)	8SHX1*E	---	---	

NOTE - POSITIONS 1,2,3 ARE CONSTANT = 1 HD