



MARMON
MOTOR COMPANY

A Subsidiary of TIC UNITED CORP.

ORIGINAL

B
7/18/85
KWR

Shiloh Rd. and Fairdale
Garland, Texas
P. O. Box 462009, Garland, Tx. 75046
Phone 214-3121

01-22-NIIB-1985

June 25, 1985

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

Attention: VIN Coordinator

Subject: Vehicle Identification Number (VIN)

Gentlemen:

Because our projected production rate for model year 1986 (beginning August 1, 1985) is greater than 500 trucks per year, our Vehicle Identification Number (VIN) format changes according to Federal Motor Vehicle Safety Standard No. 115 (MVSS 115). The first section or "World Manufacturer Identifier Code (WMI)" has been assigned by S.A.E. as "1JU".

This format change is effective with 1986 or "G"-model vehicles. "G"-models with VIN's already assigned by the previous format (1M9XXX180F1004XXX) will be changed. No "G" model units have been manufactured.

Drawing SKMM-456 shows all information required to decipher our VIN.

Sincerely,

MARMON MOTOR COMPANY

Robert B. Pirtle
Vice President, Engineering
Automotive Products

RP:gh

Encl: SKMM-456

7/8/85
With
BLUE
PRINT

MEMO

☐ URGENT - REPLY IMMEDIATELY
☐ NO REPLY REQUIRED

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

DATE: 7-19-85

SUBJECT:

TO

Attn: Ken Rutland
Mail Code NRM-11

MESSAGE

Dear Ken,

Attached you will find copies of the
worksheets which I use to generate VIN
for MARMON Trucks. These may be more
suitable for your purposes.

SIGNED

Craig Hilson

REPLY

SIGNED

DATE

RECIPIENT - RETAIN WHITE COPY - RETURN PINK COPY - TO MAIL IN WINDOW ENVELOPE - USE FOLD MARKS

S/N

VEHICLE IDENTIFICATION NUMBER

	ITEM	VIN	ASSIGNED VALUE TABLE	MULTIPLY BY WEIGHT FACTOR	EQUALS ADD COLUMN
SECTION I	1	1	1	8	8
	2	J	1	7	7
	3	U	4	6	24
SECTION II	4			5	
	5			4	
	6			3	
	7	1	1	2	2
	8	8	8	10	80
SECTION III	9		0	0	0
	10	6	7	9	63
	11	1	1	8	8
	12	0	0	7	0
	13	0	0	6	0
	14	0	0	5	0
	15			4	
	16			3	
	17			2	

IF REMAINDER IS 10
THEN CHECK DIGIT
MUST BE X

← DIVIDE BY 11 = 11

CHECK DIGIT IS

MARION MOTOR CO.

GARLAND, TEXAS

}

ITEM 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

1 J U [] [] [] 1 8 [] [] 1 0 0 [] [] [] []

MFG'R

MAKE

TYPE

BRAKE SYSTEM

GVW RATING

CHECK DIGIT

PLANT OF MFG'R

MFG'R

MAKE

SERIAL NO

ITEM 4

CODE	MODEL
H	C.O.E
C	CONV FIBER
B	CONV BUTTER
K	GLIDER KITS

ITEM 10

CODE	MODEL	YEAR
A	1980	
B	1981	
C	1982	
D	1983	
E	1984	
F	1985	
G	1986	
H	1987	

ITEM 5

CODE	CAR TYPE
A	86
B	110
C	54
D	60
E	57

ITEM 6

CODE	ENGINE TYPE			
	8V	6V	IN LINE 6	
A	X			
B			X	CUM.
C	X			
D		X		D.D.
E	X			
F			X	CAT
ZEED				
ZEED				KITS

ASSIGNED VALUES		
CHARACTER	NO.	VALUE
A		1
B		2
C		3
D		4
E	U	5
F	LU	6
G	Y	7
H	Y	8
J	L	1
K	AL	2
L	EL	3
M	EL	4
N		5
P		7
R	AL	9
S		2
T		3
U		4
V		5
W		6
X		7
Y		8
Z		9

SEE SKMM-191

4

MEMO

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S/N VEHICLE IDENTIFICATION NUMBER

	ITEM	VIN	ASSIGNED VALUE TABLE	MULTIPLY By WEIGHT FACTOR	EQUALS ADD COLUMN
SECTION I	1	1	1	8	8
	2	J	1	7	7
	3	U	4	6	24
SECTION II	4			5	
	5			4	
	6			3	
	7	1	1	2	2
	8	8	8	10	80
SECTION III	9		0	0	0
	10	6	7	9	63
	11	1	1	8	8
	12	0	0	7	0
	13	0	0	6	0
	14	0	0	5	0
	15			4	
	16			3	
	17			2	

IF REMAINDER IS 10
THEN CHECK DIGIT
MUST BE X

← DIVIDE By 11 = π

CHECK DIGIT IS

MARMON MOTOR CO.

GARLAND, TEXAS

ITEM. 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

1 J U [] [] [] 1 8 [] [] 1 0 0 [] [] [] []

MFG'R

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BRAKE SYSTEM

GVW RATING

CHECK DIGIT

PLANT OF MFG'R

MFG'R

MAKE

SERIAL NO

ITEM 4

CODE	MODEL
H	C.O.E
C	CONV FIBER
B	CONV BUTTER
K	GLIDER KITS

ITEM 10

CODE	MODEL YEAR
A	1980
B	1981
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F	1985
G	1986
H	1987

ITEM 5

CODE	LAST TYPE
A	86
B	110
C	54
D	60
E	57

ITEM 6

CODE	ENGINE TYPE			
	8V	6V	IN LINE 6	
A	X			CUM.
B			X	
C	X			D.D.
D		X		
E	X			CAT
F			X	
Zero				KITS
Zero				

ASSIGNED VALUES		
CHARACTER	NO.	VALUE
A		1
B		2
C		3
D		4
E	U	5
F	U	6
G	U	7
H	Y	8
J		1
K	U	2
L	U	3
M	U	4
N		5
P	U	7
R	U	9
S	U	2
T	U	3
U	U	4
V	U	5
W	U	6
X		7
Y		8
Z		9

SEE SKMM-191

VEHICLE IDENTIFICATION NO

SECTION II

VEHICLE ATTRIBUTES SECTION

SEC

CHECK

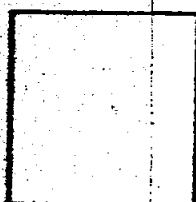
A

A

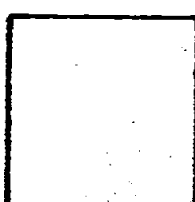
A OR N

N

A OR N



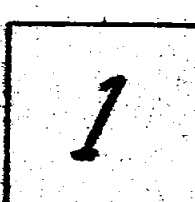
MODEL



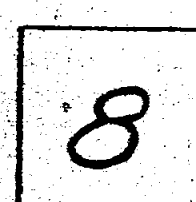
CAB
TYPE



ENGINE
TYPE



BRAKE
SYSTEM



GVW
RATING



CHECK

REFER TO F.R. MARCH
22, 1979, PAGE 1749B,
PARA 54.5.2, TABLE I

CODE	CAB TYPE
A	FOR 86
B	" 110
C	" 54
D	" 60
E	" 57

REFER TO F.R. MARCH 22,
1979, PAGE 1749B,
PARA 54.5.2, TABLE I

CLASS 8: 33,001 # OVER

USE CODE 8 -
WILL NOT CHANGE.

REFER TO F.R. MARCH 22, 1979,
PAGE 1749B, PARA 54.5.2,
TABLE I.

FOR TRUCK: BRAKE SYSTEM
USE NUMERAL 1 FOR "AIR".
WILL NOT CHANGE.

TO. F.R. MARCH 22,
PAGE 1749B, PARA
54.5.2, TABLE I.

REFER TO F.R. MARCH 22, 1979, PAGE
1749D

SECTION I
VEHICLE IDENTIFICATION SECTION

VEHICLE

N	A	A	A
1	J	U	
MFG'R	MAKE	TYPE	MODEL

ASSIGNED BY SAE -
WILL ALWAYS BE 1JLL AS
SHOWN

REF
22, 1
PART
COL
A
B
C
D
E

REFER TO F.R. MARC
1979, PAGE 17498, P
S 4.5.2, TABLE I.

CODE	MODEL
H	FOR HDT
C	FOR CHDT FIBERGLASS
B	FOR CHDT BUTTERFLY
K	FOR GLIDER
L	FOR LIGHT WEIGHT

CUM
DETR
CATE
NON
GLI

1. WELD SYMBOLS PER AWS A2.0-68
 2. POSITIONAL TOL. SYMBOLS PER BOAS Y14.5
 3. SURFACE TEXTURE SYMBOLS PER ASA B46.1
 4. BREAK ALL SHARP EDGES & CORNERS MAX. .015
 5. ALL SURFACES TO HAVE MAX 250 FINISH
 6. FINISH ALL PARTS

REFER TO F.R. FEB. 25, 1980, PAGE 12257

12257
REF 10 F.R. FEB. 25, 1980, PAGE

12257
REF 10 F.R. FEB. 25, 1980, PAGE

CODE IN ACCORDANCE WITH TABLE B

CODE IN ACCORDANCE WITH TABLE B

CODE IN ACCORDANCE WITH TABLE B

CODE IN ACCORDANCE WITH TABLE B

CODE IN ACCORDANCE WITH TABLE B

CODE IN ACCORDANCE WITH TABLE B

CODE IN ACCORDANCE WITH TABLE B

CODE IN ACCORDANCE WITH TABLE B

MAKE		ENGINE TYPE					
CUMMINS	8V	6V	IN-LINE 6	A	B	C	D
DETROIT DIESEL	X						
CATERPILLAR	X	X					
NONE - GLIDER KIT				X			
							ZERO
							ZERO

SEE
THE
THE
COM
CHEN

COM

1035

1235

CHEN

SECRET

90
91
92
93
94
95

L
M
N
P
R
S

(CONT'D IN F.R.)

CHECK DIGIT IS THE PRODUCT OF A MATHEMATICAL
COMPUTATION UTILIZING CHARACTER VALUES OF
VIN. IF A TRANSCRIPT ERROR IS MADE,
CHECK DIGIT VALUE WILL NOT BE COMPATABLE.

F.R. MARCH 22, 1979, PAGE 17499, PARA. 55
NOTE AS FOLLOWS:

	VIN CHARACTER	ASSIGNED VALUE SEE TABLE A	MULTIPLY BY WEIGHT FACT.	EQUALS ADD COLUMN
TION	1	1	8	8
	J	1	7	7
	U	4	6	24
TION			5	
			4	
			3	
TION	1	1	2	2
	8	8	10	80
		0	0	0
DIGIT				
TION			9	
	1	1	8	8
	0	0	7	0
	0	0	6	0
			5	
			4	
			3	
			2	
TOTAL				

IF REMAINDER IS 10
THEN CHECK DIGIT
MUST BE X

← DIVIDE BY 11, EQUALS →

CHECK DIGIT IS

11

NEVER CHANGES

REF LAYOUT DRAWING

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE
FRACTIONS DECIMALS ANGLES
± ± ±
TOLERANCE ON HOLE
LOCATIONS ± 1/32
TOLERANCE ON HOLE
SIZES +.015
-.000

DWN BY

SINGER, MA

DATE

6-25-85

NOM

VE

CKD BY

APPROVED BY

6/24/85

DO NOT SCALE DRAWING

SCALE

4

3

TABLE A		
ASSIGNED VALUES		
CHARACTER		VALUE
LTR.	NO.	
A		1
B		2
C		3
D		4
E		5
F		6
G		7
H		8
J		1
K		2
L		3
M		4
N		5
P		7
R		9
S		2
T		3
U		4
V		5
W		6
X		7
Y		8
Z		9

DRAWING NUMBER

SHEET

REV

A PART OF EPS-28-2

OWN BY
SINGER, MA

DATE

6-25-05

NOMENCLATURE

VEHICLE IDENTIFICATION

NUMBER

(VIN)

MARMON MOTOR CO.



DALLAS

GARLAND

TEXAS

APPROVED BY

6/24/05

DRAWING NUMBER

SKMM-456

DRAWING

SCALE

CAB MODEL

SHEET

2

1

2118-

NUMBER (VIN)

FEDERAL MOTOR VEHICLE

SECTION III

SECTION IV

DIGIT

VEHICLE IDENTIFIER SECTION

N

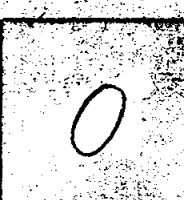
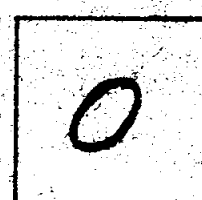
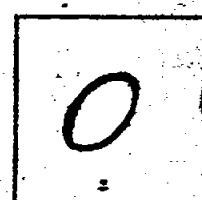
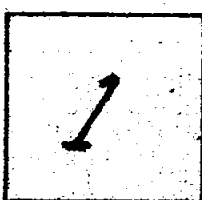
A

A OR N

N

N

N



K DIGIT

MODEL
YEARPLANT
OF MFR.USE NUMERAL 1 TO
DESIGNATE GARLAND,
TEXAS. WILL NOT CHANGE.REFER TO F.R. MARCH 22, 1979,
PAGE 17499, PARA 54.5.3.1MODEL YEARCODE1986
87
88
89G
H
J
KNO
FOR
TO

2

END DRAWING
RELEASE NO.

REVISIONS

SYN ZONE

DESCRIPTION

VEHICLE SAFETY STANDARD NO. 191

IV

SECTION

0 0 0 0 1

SEQUENCE NUMBER

THIS IS SERIAL NUMBER
BEGINNING WITH 001 FOR
EACH MODEL YEAR.

NOTE:

FOR MODELS 1985 AND BELOW, REFER
TO DRAWING SKMM 191.

E

D