



415 East Dundee Street • Ottawa, Kansas 66067 • (913) 242-2200 • Telex 42-0457

B 1/2/86

01-22-NIIB-2145

ORIGINAL

December 16, 1985

598

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

ATTN: VIN Coordinator

Dear Sir:

Ottawa Brimont Corporation is submitting the enclosed Vehicle Identification Number (VIN) system in accordance with 49 CFR 565.5. We have been assigned World Manufacturer Identifier Code 024 by the Society of Automotive Engineers.

The vehicles to be manufactured are all terrain, multi-purpose, heavy duty truck chassis. The trucks will mainly be sold as incomplete vehicles, however, a few will be sold as complete vehicles by Ottawa Brimont Corporation.

We project sales to be less than 500 units per year for many years. Most, if not all, vehicles will be driven on public streets and highways and will meet all applicable USA Federal Motor Vehicle Safety Standards.

An Incomplete Vehicle Document has been prepared and will be submitted to intermediate and final stage manufacturers to aid them in conformity to applicable Federal Motor Vehicle Safety Standards pursuant to 49 CFR 568.4.

Ottawa Brimont Corporation will affix the 17 digit VIN per the enclosed describing the system in 60 days unless otherwise notified by the NHTSA.

We anticipate receipt of the first order in the first half of January '86, with delivery 120 days thereafter, therefore your immediate attention is requested.

Sincerely,

H. Dewey Fry
Acting Manager of Engineering

HDF;dm



POLICY AND PROCEDURE

EFFECTIVE DATE:
February 14, 1985

DATE ISSUED:
December 16, 1985

SUPERSEDES:

NUMBER:
E5.0

PAGE 1 OF 4

PROCEDURE TITLE:
Vehicle Identification Numbers (VIN)

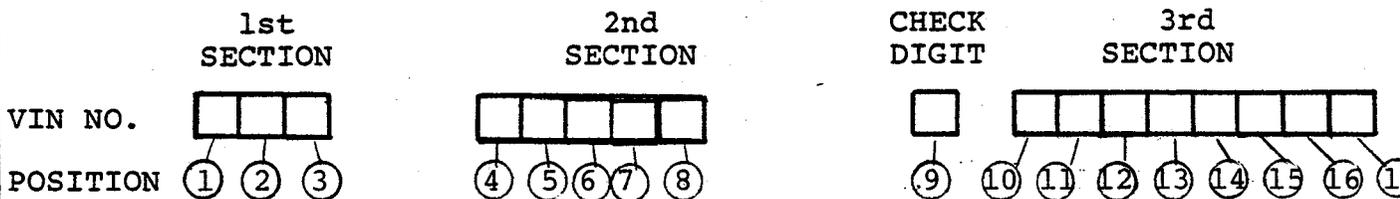
POLICY:

This Ottawa Brimont Corporation Standard is to be used for the creation of Vehicle Identification Numbers in accordance with 49 CFR 565 and as required by 49 CFR 571.115 which is standard no. 115 of the Federal Motor Vehicle Safety Standards.

The required label which includes the VIN is to be created for and affixed to only those tractors manufactured for ON-HIGHWAY service and meeting all applicable Federal Motor Vehicle Safety Standards.

All VIN's are to be logged into the VIN Journal. All labels are to be issued to Final Assembly for affixing to the tractor.

PROCEDURE:



POSITIONS 1, 2, & 3

- ① 1 = U.S.A. Manufactured
- ② 0 = Ottawa Brimont Corporation
- ③ 9 = Less Than 500 Annually

POSITIONS 4, 5, 6, 7, & 8

- ④ MODEL LINE/SERIES
- A = COMMANDO - Incomplete Vehicle
- B = COMMANDO - Rapid Intervention Wildfire Vehicle
- C = COMMANDO - Utility Vehicle
- D = COMMANDO - Construction Vehicle

ISSUED BY:
Dewey Fry

APPROVED BY:



TITLE	DATE ISSUED	EFFECTIVE DATE	SUPERSEDES	REVISED	NUMBER	PAGE	OF
Vehicle Identification NO.	12/16/85	02/14/85			E5.0	2	4

⑤ GROSS VEHICLE WEIGHT RATING & BRAKE SYSTEM TYPE

A = 10,001 - 14,000 lbs.	brake system-air over hydraulic
B = 14,001 - 16,000 lbs.	" " " " "
C = 16,001 - 19,500 lbs.	" " " " "
D = 19,501 - 23,500 lbs.	" " " " "
E = 23,501 - 26,000 lbs.	" " " " "
F = 26,001 - 33,000 lbs.	" " " " "
G = 33,000 lbs. and over	" " " " "

⑥ CAB TYPE

- 1 - Two Man Tilt Carbon Steel
- 2 - Four Man Tilt Carbon Steel
- 3 - Six Man Tilt Carbon Steel

⑦ CHASSIS

- 1 - 116" Wheelbase - Two Steering Axles - Manual Trans.
- 2 - 124" Wheelbase - Two Steering Axles - Automatic Trans.
- 3 - 116" Wheelbase - One Steering Axles - Manual Trans.
- 4 - 124" Wheelbase - One Steering Axle - Automatic Trans.
- 5
- 6
- 7
- 8
- 9 - Glider

⑧ ENGINE TYPE

- A - Detroit Diesel 8.2T Diesel
- B - Detroit Diesel 8.2N Diesel
- C - Mack MIDR 06-02-12 Diesel
- D - Caterpillar 3208T-175 Diesel
- E - Caterpillar 3208T-210 Diesel
- F - Cummins 6 BTA 5.9 Diesel
- G - Cummins 6 C 8.3 Diesel
- H - Cummins 6 CT 8.3 Diesel

I
J
K
L
M
N
O
P
Q
R
S
T
U



TITLE	DATE ISSUED	EFFECTIVE DATE	SUPERSEDES	REVISED	NUMBER	PAGE	OF
Vehicle Identification NO.	12/16/85	2/14/85			E5.0	3	4

- V
- W
- X
- Y
- Z

POSITION 9 - CHECK DIGIT

The check digit is to be computed for each VIN in accordance with 49 CFR 565.4 utilizing Tables III and IV, therein and creating the equivalent of Table V. Tables III and IV are reproduced below for reference.

TABLE III - ASSIGNED VALUES

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	
I=9		

TABLE IV VIN POSITION AND WEIGHT FACTORS

1st. . . . .	.8	10th. . . . .	.9
2nd. . . . .	.7	11th. . . . .	.8
3rd. . . . .	.6	12th. . . . .	.7
4th. . . . .	.5	13th. . . . .	.6
5th. . . . .	.4	14th. . . . .	.5
6th. . . . .	.3	15th. . . . .	.4
7th. . . . .	.2	16th. . . . .	.3
8th. . . . .	.10	17th. . . . .	.2
9th(check digit)	.0		

Example Calculations of Check Digit Configuration:

COMMANDO - Incomplete Vehicle with a GVWR of 27,500 lbs., 2 man cab, 116" W.B. with two steering axles and manual transmiision and Mack MIDR 06-02-12 enigne, manufactured as the 9th vehicle of 1987, at the Ottawa, Kansas plant.

POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
VIN	1	0	9	A	F	1	1	C		H	A	0	2	4	0	0	9
ASSIGNED VALUE	1	0	9	1	6	1	1	3		8	1	0	2	4	0	0	9
WEIGHT FACTOR	8	7	6	5	4	3	2	100		9	8	7	6	5	4	3	2
PRODUCTS	8+0+54+5+24+3+2+30+0+72+8+0+12+20+0+0+18 = 256																

Divide sum by 11 $\frac{256}{11} = 23 + 3/11$ remainder is the check digit

Check Digit is 3

4



TITLE	DATE ISSUED	EFFECTIVE DATE	SUPERSEDES	REVISED	NUMBER	PAGE	OF
Vehicle Identification NO.	12/16/85	2/14/85			E5.0	4	4

Alternate Determination

$$\frac{256}{11} = 23.27$$

Decimal Value	Check Digit	Decimal Value	Check Digit
.09 =	1	.55	6
.18 =	2	.64	7
.27 =	3	.73	8
.36 =	4	.82	9
.45 =	5	.91	X

POSITIONS 10 thru 17

POSITION (10) - Vehicle Model Year per Table VI 49 CFR 565.4

POSITION (11) - Plant of Manufacture
 A - Ottawa, Kansas
 B -

POSITIONS 12, 13, 14

024 = World Manufacturer Identifier Code

POSITIONS 15, 16, 17

Numerical Sequence of Unit Production 001 thru 499.