B 8/5/87 nds

ORIGINAL

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

01-22-N11B-2680

July 1, 1987

Ms. Patti Gardner, Program Analyst
National Highway Traffic Administration
400 Seventh Street S.W.
Washington, D.C. 20590

13 pgs.

Dear Ms. Gardner:

Enclosed please find a corrected copy of Page 3 of our Vehicle Identification Number Policy and Procedure. Due to clerical errors, the items were inadvertantly omitted from the document.

If you have any questions concerning this policy, please feel free to contact us. Sorry for the inconvenience.

Sincerely,

Cathy Parsons

Cathy Parsons
Engineering Clerk

CP

Enc.

cc: Dewey Fry

—CANADIAN OFFICE—
37 Main Street N. • Suite 200 • Markham, Ontario • Canada L3P1X4
Telephone (416) 471-7177 FAX (416) 471-5225 TELEX 06-986804MKHM

P - CUMMINS 6CT 8.3 DIESEL
R - INTERNATIONAL HARVESTER DT466 DIESEL
S - CUMMINS 6BT5.9 DIESEL
T - CUMMINS 6CTA8.3
U - DUMMINS L10
V - CUMMINS N14
W - CATERPILLAR 3208T
X - CATERPILLAR 3306B
Y - DETROIT DIESEL 6-71T
Z - DETROIT DIESEL 6-71TA
1 - DETROIT DIESEL 6V92T
2 - DETROIT DIESEL 8V92T
3 - CATERPILLAR 3406

POSITION 9 - CHECK DIGIT

The check digit is to be computed for each VIN in accordance with 49CFR565.4 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~~ Dewey Frye 8/5/87 pds		

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		

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

June 24, 1987

Ms. Patti Gardner, Program Analyst
National Highway Traffic Administration
400 Seventh Street S.W.
Washington, D.C. 20590

Dear Ms. Gardner:

Enclosed is a revised VIN assignment procedure for Ottawa Truck Corporation. The system was changed on October 28, 1986 per our telephone conversation of that date.

Following is a listing of all Vehicle Identification Numbers issued to date:

OTTAWA TRUCK S/N	INCORRECTLY ISSUED VIN	CORRECT VIN
60671	----	11VEC15A6FA000002
61311	1T9AA12B2GA11V011	11VAA12B3GA000011
61308	1T9EC15E2GA11V012	11VEC15E3GA000012
61315	1T9AA12K6GA11V013	11VAA12K7GA000013
61447	1T9BB12E3GA11V014	11VBB12E4GA000014
61404	1T9AA11B8GA11V015	11VAA11B9GA000015
61517	1T9AA11E7GA11V016	11VAA11E8GA000016
61415	1T9EC15W0GA11V017	11VEC15W1GA000017
61530	1T9AA12A6GA11V018	11VAA12A7GA000018
61545	1T9AA12C6GA11V019	11VAA12C7GA000019
61552	1T9AA12D1GA11V020	11VAA12D2GA000020
61626	1T9AA12A6GA11V021	11VAA12A7GA000021
61642	1T9AA12K7GA11V022	11VAA12K8GA000022
61664	----	11VAA12S9HA000001
61763	----	11VAA12B0HA000002
61908	----	11VAA12D9HA000003
61909	----	11VAA12D2HA000004
61901	----	11VAA12M4HA000005
61902	----	11VAA12M6HA000006
61903	----	11VAA12M8HA000007
61904	----	11VAA12MXHA000008
61905	----	11VAA12M1HA000009
61853	----	11VEC15W7HA000010
62054	----	11VAA12DXHA000011
61988	----	11VAA12D1HA000012
62041	----	11VAA12D3HA000013
61989	----	11VAA12B7HA000014

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OTTAWA TRUCK S/N	INCORRECTLY ISSUED VIN	CORRECT VIN
61968	----	11VEC15A0HA000015
61969	----	11VEC15A2HA000016
61970	----	11VEC15A4HA000017
61971	----	11VEC15A6HA000018
61972	----	11VEC15A8HA000019
61973	----	11VEC15A4HA000020
61974	----	11VEC15A6HA000021
61975	----	11VEC15A8HA000022
61976	----	11VEC15AXHA000023
61977	----	11VEC15A1HA000024
62106	----	11VAA12S1HA000025
62156	----	11VAA12L2HA000026
62157	----	11VAA12L4HA000027
62158	----	11VAA12L6HA000028
62046	----	11VAA12S9HA000029
62154	----	11VAA12E2HA000030
80001	1T9LE26T2GA11V001	11VPE28X1GA000001
80002	1T9PE28U4GA11V002	11VPE28U6GA000002
80003	1T9PC26W4GA11V003	11VPC66W6GA000003
80004	1T9PC26W6GA11V004	11VPC66W8GA000004
80006	1T9PD26U3GA11V005	11VPD26U4GA000005
80007	1T9PD26U5GA11V006	11VPD26U6GA000006
80008	1T9PD26U7GA11V007	11VPD26U8GA000007
80009	1T9PD26U9GA11V008	11VPD26UXGA000008
80010	1T9PE28U8GA11V009	11VPE28U9GA000009
80011	----	11VPE28U2HA000001
80005	----	11VPD26U7HA000002
80014	----	11VPE28U6HA000003
80023	----	11VPE28U8HA000004
80013	----	11VPE28UXHA000005
80015	----	11VPD26U4HA000006
80016	----	11VPD26U6HA000007
80012	----	11VPC66W3HA000008
80017	----	11VPD26UXHA000009
80018	----	11VPD26U6HA000010
80019	----	11VPD26U8HA000011
80020	----	11VPD26UXHA000012
80021	----	11VPD26U1HA000013
80022	----	11VPD26U3HA000014
80026	----	11VSD20W9HA000015
90001	----	11VVB8645HA000001
90000	----	11VVB8647HA000002
90006	----	11VVB8658HA000003
90004	----	11VVB8640HA000004
90005	----	11VVB8642HA000005
90002	----	11VVB8653HA000006

I apologize for the extreme delay in responding in writing which was caused by turnover of personnel resulting neglect of certain responsibilites.

Sincerely,

H. Dewey Fry

H. Dewey Fry
Director of Engineering

HDF:cp

OTTAWA TRUCK CORPORATION

EFFECTIVE DATE: OCTOBER 28, 1986	
DATE ISSUED: OCTOBER 28, 1986	
SUPERSEDES: AUGUST 1, 1986	
NUMBER: E4.0	PAGE 1 OF 4

POLICY AND PROCEDURE

PROCEDURE TITLE:

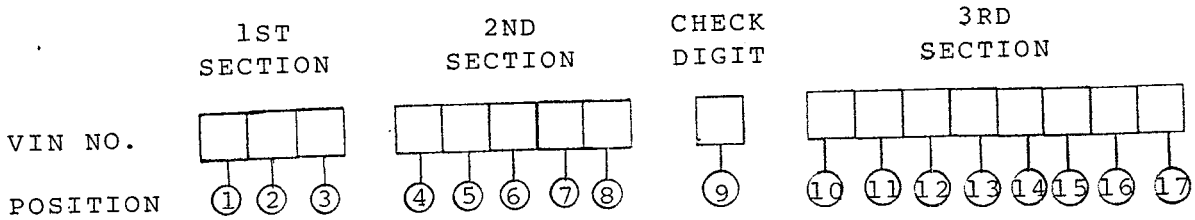
VEHICLE IDENTIFICATION NUMBERS (VIN) E4.0

POLICY:
This Ottawa Truck Corporation Standard is to be used for the creation of Vehicle Identification Numbers in accordance with 49CFR565 and as required by 49CFR571.115 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) 1 = Ottawa Truck Corporation

(3) V = Less Than 500 Annually

POSITIONS 4, 5, 6, 7 & 8

(4) MODEL LINE/SERIES

A = YT 30
B = YT 50
C = YT RAMPER
D = YT 50 ROLOC
E = YT 60T
F = YT RORO
G = YT RAILER

ISSUED BY: Dewey Fry	APPROVED BY:

6

H = MODEL 30
J = MODEL 50
K = COMMANDO 30
L = LOW ENTRY
M = OX (4-Wheel Drive)

P = ROGUE - LERL
R = ROGUE - LEFL
S = ROGUE - LESL
T = ROGUE - LECD
U = ROGUE - LESA

V = OFC FIRE CHASSIS-CAB

(5) GROSS VEHICLE WEIGHT RATING & BRAKE SYSTEM TYPE

A = 20,000 - 29,999 LBS.	BRAKE SYSTEM - AIR
B = 30,000 - 39,999 LBS.	" " "
C = 40,000 - 49,999 LBS.	" " "
D = 50,000 - 59,999 LBS.	" " "
E = 60,000 - 69,999 LBS.	" " "
F = 70,000 - 79,999 LBS.	" " "
G - 80,000 & ABOVE	" " "

(6) CAB TYPE

1 - ONE MAN TILT CARBON STEEL
2 - TWO MAN TILT CARBON STEEL
3 - REVERSE-'N-DRIVE CARBON STEEL
4 - ONE MAN TILT STAINLESS STEEL
5 - ONE MAN TILT FIBERGLASS
6 - THREE MAN CARBON STEEL
7 - FOUR MAN CARBON STEEL
8 - FIVE OR MORE MAN CARBON STEEL
9 - FOUR MAN ALUMINUM
0 - FIVE OR MORE MAN ALUMINUM

(7) CHASSIS

1 - 104" WHEELBASE
2 - 110" WHEELBASE
3 - 116" WHEELBASE
4 - 128" WHEELBASE
5 - SPECIAL WHEELBASE YARD TRACTOR
6 - 4 x 2 CHASSIS - CAB
7 - 4 x 4 CHASSIS - CAB
8 - 6 x 4 CHASSIS - CAB
9 - 6 x 6 CHASSIS - CAB
0 - SPECIAL DRIVE - CHASSIS - CAB

(8) ENGINE TYPE

A - DETROIT DIESEL 8.2T DIESEL
B - DETROIT DIESEL 8.2N DIESEL
C - CUMMINS 8V555 DIESEL
D - CATERPILLAR 3208-175
E - CATERPILLAR 3208-210 DIESEL
F - DETROIT DIESEL 6V53 DIESEL
G - DETROIT DIESEL 6V53T DIESEL
H - DETROIT DIESEL 4-53T DIESEL
J - DETROIT DIESEL 6V-92TTA DIESEL
K - FORD 370 GASOLINE
L - FORD 370 L.P. GAS
M - CUMMINS 6BT5.9 DIESEL
N - CUMMINS 6C 8.3 DIESEL

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Example Calculation of Check Digit Configuration:

YT 30 with a Detroit Diesel 8.2T Engine and 104" Wheelbase made as the 41st vehicle of 1985

POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
VIN	1	1	V	A	B	1	1	A		F	A	0	0	0	0	4	1
ASSIGNED VALUE	1	1	5	1	2	1	1	1		6	1	0	0	0	0	4	1
WEIGHT FACTOR	8	7	6	5	4	3	2	100		9	8	7	6	5	4	3	2
PRODUCTS	8+7+30+5+8+3+2+10+0+34+8+0+0+0+0+12+2 : = 129																

Divide sum by 11 $\frac{129}{11}$ = 11 + 8/11 Remainder is the check digit

Check Digit is 8

Alternate Determination

$\frac{129}{11}$ = 11.73

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 - 49CFR565.4

POSITION 11 - PLANT OF MANUFACTURE
A - Ottawa, Kansas
B -

POSITIONS 12, 13 & 14

000

POSITIONS 15, 16 & 17

Numerical Sequence of Unit Production 001 thru 499, per product line.

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

August 6, 1986

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

ATTN: VIN Coordinator

Dear Sir;

Ottawa Truck Corporation will begin manufacturing chassis-cab incomplete vehicles for primarily custom pumper fire fighting emergency vehicles.

These chassis-cabs are of a special configuration which when combined with yard tractors and refuse truck chassis-cab we produce for on-highway use will still result in sales of less than 500 per year. Therefore, we submit a revised Vehicle Identification Number System.

The first vehicle will not be available for sale until late September to early October 1986 after having been tested to assure meeting the USA Federal Motor Vehicle Safety Standards. The prototype vehicles will be ready for testing in mid-September 1986. After completion of all tests to varify meeting the MFVSS we will affix a VIN and begin endurance testing in actual working conditions on streets and highways.

In order that we may meet our goals please review the revised system and alert us of any concerns as promptly as possible.

We will interpret no response to be an approval and implement the revised system on October 1, 1986.

Sincerely,

H. Dewey Fry

H. Dewey Fry
Manager of Engineering

enclosure

HDF;dm

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OTTAWA TRUCK CORPORATION

EFFECTIVE DATE: October 1, 1986	
DATE ISSUED: August 1, 1986	
SUPERSEDES: December 10, 1986	
NUMBER: E4.0	PAGE 1 OF 4

POLICY AND PROCEDURE

PROCEDURE TITLE:

Vehicle Identification Numbers (VIN) E4.0

POLICY:

This Ottawa Truck Corporation Standard is to be used for the creation of Vehicle Identification Numbers in accordance with 49CFR565 and as required by 49CFR571.115 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:

	1ST SECTION			2ND SECTION					CHECK DIGIT	3RD SECTION							
VIN NO.																	
POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

POSITIONS 1, 2, & 3

1 = U.S.A. Manufactured

2 T = Ottawa Truck Corporation

3 9 = Less Than 500 Annually

POSITIONS 4, 5, 6, 7, & 8

4 MODEL LINE/SERIES

A = YT 30
B = YT 50
C = YT RAMPER
D = YT 50 ROLOC
E = YT 60T
F = YT RORO
G = YT RAILER

ISSUED BY:	APPROVED BY:
Dewey Fry	

10

H = MODEL 30
J = MODEL 50
K = COMMANDO 30
L = LOW ENTRY
M = OX (4 Wheel Drive)

P = Rogue - LERL
R = Rogue - LEFL
S = Rogue - LESL
T = Rogue - LECD
U = Rogue - LESA

V = OFC Fire Chassis -Cab

(5) GROSS VEHICLE WEIGHT RATING & BRAKE SYSTEM TYPE

A = 20,000 - 29,999 lbs.	brake system-air
B = 30,000 - 39,999 "	" " "
C = 40,000 - 49,999 "	" " "
D = 50,000 - 59,999 "	" " "
E = 60,000 - 69,999 "	" " "
F = 70,000 - 79,999 "	" " "
G = 80,000 & ABOVE	

(6) CAB TYPE

1 - One Man Tilt Carbon Steel
2 - Two Man Tilt Carbon Steel
3 - Reverse-'N-Drive Carbon Steel
4 - One Man Tilt Stainless Steel
5 - One Man Tilt Fiberglass
6 - Three Man Carbon Steel
7 - Four Man Carbon Steel
8 - Five or more man Carbon Steel
9 - Four Man Aluminum
0 - Five or more man aluminum

(7) CHASSIS

1 - 104" Wheelbase
2 - 110" Wheelbase
3 - 116" Wheelbase
4 - 128" Wheelbase
5 - Special Wheelbase Yard Tractor
6 - 4 x 2 Chassis-Cab
7 - 4 x 4 Chassis-Cab
8 - 6 x 4 Chassis-Cab
9 - 6 x 6 Chassis-Cab
0 - Special Drive-Chassis-Cab

(8) ENGINE TYPE

A - Detroit Diesel 8.2T Diesel
B - Detroit Diesel 8.2N Diesel
C - Cummins 8V555 Diesel
D - Caterpillar 3208-175
E - Caterpillar 3208-210 Diesel
F - Detroit Diesel 6V53 Diesel
G - Detroit Diesel 6V53T Diesel
H - Detroit Diesel 4-53T Diesel
J - Detroit Diesel 6V-92TTA Diesel
K - Ford 370 Gasoline
L - Ford 370 L.P. Gas
M - Cummins 6BT5.9 Diesel
N - Cummins 6C 8.3 Diesel

11

P - Cummins 6CT 8.3 Diesel
R - International Harvester DT466 Diesel
S - Cummins 6BT5.9 Diesel
T - Cummins 6CTA8.3
U - Cummins L10
V - Cummins N14
W - Caterpillar 3208T
X - Caterpillar 3306B
Y - Detroit Diesel 6-71T
Z - Detroit Diesel 6-71TA
1 - Detroit Diesel 6V92T
2 - Detroit Diesel 8V92T
3 - Caterpillar 3406

POSITION 9 - CHECK DIGIT

The check digit is to be computed for each VIN in accordance with 49CFR565.4 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
5th. 4
6th. 3
7th. 2
8th. 10
9th(check digit) . .0

13th. 6
14th. 5
15th. 4
16th. 3
17th. 2

Example Calculations of Check Digit Configuration:
YT 30 with a Detroit Diesel 8.2T Engine and 104" Wheelbase made as the 41st vehicle of 1985

POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
VIN	1	T	9	A	B	1	1	A		F	A	1	1	V	0	4	1
ASSIGNED VALUE	1	3	9	1	2	1	1	1		6	1	1	1	5	0	4	1
WEIGHT FACTOR	8	7	6	5	4	3	2	100		9	8	7	6	5	4	3	2

PRODUCTS 8+21+54+5+8+3+2+10+0+34+8+7+6+25+0+12+2 = 225

Divide sum by 11 $\frac{225}{11} = 20 + 5/11$ remainder is the check digit

Check Digit is 5

Alternate Determination

$\frac{225}{11} = 20.45$

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

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

POSITIONS 12, 13, 14

11V = World Manufacturer Identifier Code

POSITIONS 15, 16, 17

Numerical Sequence of Unit Production 001 thru 499.