

01-022-N11B-8197

PIERCE MANUFACTURING INC.

AN OSHKOSH TRUCK CORPORATION COMPANY • ISO 9001 CERTIFIED

2600 AMERICAN DRIVE

POST OFFICE BOX 2017

APPLETON, WISCONSIN 54913-2017

920-832-3000 • FAX 920-832-3208

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ORIGINAL

January 11, 2001

Administrator
Attention: VIN Coordinator
National Highway Traffic Safety Administration
400 Seventh Street SW
Room 6115
Washington, DC 20590

7 pg

To Whom it May Concern:

Per 49 CFR 565, Section 7, paragraph (c), please find enclosed Pierce Manufacturing, Inc. amended Standard Operating Procedure for Vehicle Identification Numbering (VIN) System.

The fields for character 4 and 8 have been updated to include new options available on our chassis.

If there are any questions or concerns, please call me at 920-832-3454. Thank you.

Sincerely,

Steve Roehl Vask

Steve Roehl
Chief Engineer

SR:ajk

Enclosure

Cc: file
Rich Demski

0001

 STANDARD OPERATING PROCEDURE	Document No. 96-1183
Title: Vehicle Identification Number Assignment	Effective Date: 2/01/01 Date Originated: 6/1/99
Source Library (Work Area Responsible): Manufacturing Written By: Steve Roehl Approved By: Jim Michal	Page 1 of 6

UNCONTROLLED

1 Purpose

- 1.1 The purpose of this procedure is to outline the process for maintaining the Vehicle Identification Number, VIN. It also outlines the process of assigning the number to a Pierce custom truck.

2 Scope

- 2.1 This procedure will cover the VIN table and **VIN** program for assigning the vehicle identification number.

3 Vehicle Identification Number Field Descriptions

- 3.1 The structure of the Vehicle Identification Number is based on the Federal Motor Vehicle Safety Standard Part 565, Vehicle Identification Number Requirements.
- 3.2 Section 7 of this SOP describes the positions of the number.

4 Number Maintenance

- 4.1 Maintenance of the VIN will be the responsibility of Chassis Engineering.
- 4.2 Changes shall be reported as described in part 565.7 of the standard.

5 VIN Assignment to Customer Trucks

- 5.1 The assignment of a number to a customer truck is the responsibility of the Industrial Park Plant Manufacturing Secretary.
- 5.2 The number is created using the **VIN** program.

6 Procedure

- 6.1 Print an ENGB/CRB/APP/CA Report #R5648002, once per week.
 - 6.1.1 Fire Schedule Inquiry
Report – ENGD/CRB/APP/CA – R5648002
Version title Select – Order Release
Select Data Selection and Data Sequencing and Submit
Under Column Right - Operand 3rd Line
Enter BC Date Request; add 7 days to existing date
Select Batch – which is now being sent to PMI 1 for processing
- 6.2 Under forms, select submit jobs and select Q - batch.
When done under description, highlight and under row select view jobs and print out.

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6.2.1. To determine which jobs are valid, under header #1 on Area Schedule Report there will not be a number 9. All Chassis types expect COM's will receive VIN Number's.

6.2.2. To Print Vin Creation Report #R5632001 enter in all Valid Job Number's from Area Schedule Report. Under forms, select submit jobs and select Q - batch. When done under description, highlight and under row select view jobs and print out. Under BC job number in right operand.

6.2.3 This will create a report specifying the job number, description, truck type, and engine type.

6.3 Now to Enter VIN Generation – P5630001

6.3.1 Using the details from the VIN Creation Report – enter the following:

- Truck # (i.e. – 10158TR)
- Vehicle # (i.e. – 01 or 02 or 03)
- Brakes/GWR
- Model
- Cab type
- Engine family
- Model year
- Plant
- Type

After all is entered for a Job Number select 26 Pick. The assigned VIN # will appear on bottom of screen.

This is then highlighted and copied onto an Excel spreadsheet to be forwarded to Graphics, Accounting, and Oshkosh Truck Corporation.

6.3.2 When all job numbers receive a VIN # they must be coded in FS Workbench with in the SFC – Fire Schedule Inquiry **put * in Branch/Plant**. Using the “Order Number” off of the Area Schedule Report (R5648002). Enter the Order Number in WO number field (i.e. 606860) select find. Highlight line and under row select WO Routing and select – enter a “9” in the first row with description of VIN Number Creation.

This will show that the VIN Number has been assigned.

6.4 Now fax VIN Number and Job Number on Excel worksheet to the following:
Accounting – 832-3058

0003

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Graphics – 832-3605
Oshkosh Truck Corporation – 920-233-9537

6.5 Chassis receiving department receives in the commercial chassis and records the VIN from the Vehicle onto the Vehicle Spec. Doc (QSD126).

The receiving department gives a copy to the Assembly Plant Secretary, who then enters this information into the One World under the Truck History Maintenance screen (P00092).

7 Definitions of the Number Positions

VIN Position 1,2,3: Manufacturers Identification Number

<u>Description</u>	<u>Code</u>
Pierce Manufacturing, Inc. 2600 American Drive Appleton, WI 54913	4P1

VIN Position 4

<u>Description</u>	<u>Code</u>
Air Brakes and Class 6 (19,501-26000 lbs.)	A
Air Brakes and Class 7 (26,001-33,000 lbs.)	B
Air Brakes and Class 8 (33,000 lbs. and over)	C
Hydraulic Brakes and Class 6 (19,501-26,000 lbs)	D

VIN Position 5: Model

<u>Description</u>	<u>Code</u>
Fixed Cab (Cab Forward, pre July, 1998)	A
Tilt Cab	B

VIN Position 6,7: Cab Type

<u>Description</u>	<u>Code</u>
Crew Cab Open (pre July, 1998)	01
Crew Cab Enclosed	02
Non- Crew Cab	03

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VIN Position 8: Engine Family- DieselDescription

<u>Liter</u>	<u>CID</u>	<u>Cyl</u>	<u>Model Mfgr.</u>	<u>Code</u>
8.9	540	6	ISL Cummins	A (pre Jan. 1998, 6V-53 DDC)
Open				B (pre July, 1998, 6-71 DDC)
Open				C (pre July, 1998, 8.2L DDC)
9.0	552	6	6V-92 DDC	D
11.0	671	6	ISM Cummins	E (pre July, 1998, L10 Cummins); (pre Oct., 1998, M11 Cummins)
Open				F (pre July, 1998, 3208 CAT)
12.1	736	8	8V-92DDC	G
Open				H (pre July, 1998, NTC Cummins)
Discontinued				I (pre July, 1998, C12 CAT)
14.6	839	6	3406 CAT	J
	3			
6.6	403	6	3116 CAT	K
10.3	629	6	3176 CAT	L
8.3	505	6	ISC Cummins	M (pre July, 1998, C Series Cummins)
5.9	359	6	ISB Cummins	N (pre July, 1998, B Series Cummins)
11.1	677	6	S60 DDC	P
Discontinued				Q (pre July, 1998, ISC-350 Cummins)
7.6	466	6	DT 466	R
			Navistar	
12.7	774	6	S60 DDC	S
Open				T (pre July, 1998m 8V-71 DDC)
8.7	531	6	S440 DDC	U
14.0	855	6	N14 Cummins	V
12.0		6	C12 CAT	W
8.5	519	4	S50 DDC	X
7.2	439	6	3126 CAT	Y
10.3	629	6	C10 CAT	Z (pre July, 1998, ISC-300 Cummins)

VIN Position 9: Check Digit

Calculated in accordance with 49 CFR 565.6(c)

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VIN Position 10: Vehicle Model Year

Year	Code	Year	Code	Year	Code
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	2013	D
2014	E	2015	F	2016	G
2017	H	2018	J	2019	K
2020	L	2021	M	2022	N
2023	P	2024	R	2025	S

VIN Position 11: Plant of Manufacture

<u>Description</u>	<u>Code</u>
Appleton, WI	A

VIN Position 12: Type of Vehicle

<u>Description</u>	<u>Code</u>
Pierce Incomplete Vehicle	9
Pierce Truck	0

VIN Position 13,14,15,16,17: Serial Number

<u>Description</u>	<u>Code</u>
Sequentially Assigned Number	00001-99999

Alpha Value Chart

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



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Vehicle Identification Number Layout

VIN Position	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Assigned VIN	4	P	1														
	Manufacture ID																
				Brakes/GVWR	Model	Cab Type		Engine	Check Digit	Year	Plant	Type	Serial Number				
Values(x)	4	7	1														
	4(8)	7(7)	1(6)	x(5)+	x(4)+	x(3)+	x(2)+	x(10)+		x(9)+	x(8)+	x(7)+	x(6)+	x(5)+	x(4)+	x(3)+	x(2)= sum

Check Digit Calculation

sum/11=xx._____
Sum-xx(11)=check digit