Friday October 3, 2003

Docket: 01-022N11-B

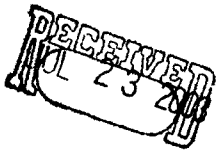
Comment Number	Date Received	Submitter/Firm/Subject	Pages	Date of Document
09605	08/29/2003	LOUIS J. CARLIN GENERAL MOTORS (GM)	42	07/23/2003
	USG 3770			
09606	08/29/2003	LOUIS J. CARLIN GENERAL MOTORS (GM)	44	04/14/2003
	USG 3756			
09607	08/29/2003	JAMES P. VONDALE FORD MOTOR CO.	38	07/24/2003
09608	08/29/2003	MICHAEL L. KUNZ AM GENERAL	1	03/06/2003
	NOTE: 1 PAGE LETTER WITH 2 BLUE PRINTS ATTACHED			
09609	08/29/2003	ROBERT R. SMITH VERMEER MFG. CO.	4	07/07/2003
09610	08/29/2003	GREG NELSON BUELL AMERICAN MOTORCYCLES	5	07/17/2003
09611	08/29/2003	LEONARD G. ROBINSON PETERSON INDUSTRIES	2	05/13/2003
09612	08/29/2003	MILWAUKEE MOTORCYCLE CO.	1	07/18/2003
09613	08/29/2003	RICH DEMSKI PIERCE MFG. INC.	7	07/15/2003
09614	08/29/2003	SUZANNE K. PETERSON POLARIS INDUSTRIES	2	06/16/2003
09615	08/29/2003	HUGH T. REESE TEAM FENEX	1	03/26/2003
09616	08/29/2003	SHAFER & SHAFER WELDING	1	05/28/2003
09617	08/29/2003	IRON EAGLE	1	06/06/2003
09618	08/29/2003	JOHN PEPPER ENTERPRISES	1	06/30/2003
09619	08/29/2003	MOUNTAIN WEST	1	06/23/2003
09620	08/29/2003	BAD ASS CHOPPER	1	06/16/2003

PIERCE MANUFACTURING INC.

AN OSHKOSH TRUCK CORPORATION COMPANY • ISO 9001 CERTIFIED

2600 AMERICAN DRIVE
POST OFFICE BOX 2017
APPLETON, WISCONSIN 54912-2017
920-832-3000 • FAX 920-832-3208

ORIGINAL



01-022-N11B-9613

July 15, 2003

7 pg

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

Pursuant to 49 CFR Part 565.7, please find enclosed our Pierce Manufacturing, Inc. SOP 96-1183 – Vehicle Identification Number Assignment for the process for maintaining the Vehicle Identification numbers.

The SOP has been revised to include three new engine families, specifically the designation for code C, F, and T. Also, engine displacement Liter and CID values have been updated per the latest manufacturer specifications.

Please maintain this information for your records.

Sincerely,

Rich Demski

Rich Demski
Chassis Project Manager
New Product Development

0001

STANDARD OPERATING PROCEDURE	Document No. 96-1183
Title: Vehicle Identification Number Assignment	**Effective Date:** 11/15/2002 **Date Originated:** 6/1/99
Source Library (Work Area Responsible): Manufacturing **Responsibility:** Patty Geske **Approved By:** Jim Michal	Page 1 of 6

1 Purpose

1.1 This procedure outlines 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 applies to those who maintain and assign the VIN.

3 Reference

3.1 Federal Motor Vehicle Safety Standard Part 565, Vehicle Identification Number Requirements

3.2 Vehicle Specification Document Responder and Commercial Chassis (QSD126)

4 Vehicle Identification Number Field Descriptions

4.1 The structure of the Vehicle Identification Number is based on the Federal Motor Vehicle Safety Standard Part 565, Vehicle Identification Number Requirements.

4.2 Section 8 of this SOP describes the positions of the number.

5 Number Maintenance

5.1 Maintenance of the VIN is the responsibility of Chassis Engineering.

5.2 Changes are reported as described in part 565.7 of the standard.

6 VIN Assignment to Customer Trucks

6.1 The assignment of a number to a customer truck is the responsibility of the Industrial Park Plant Manufacturing Secretary.

6.2 The number is created using the **VIN** program.

7 Procedure

7.1 Print an ENGB/CRB/APP/CA Report #R5648002, once per week.

7.1.1 Fire Schedule Inquiry

- Report – ENGD/CRB/APP/CA – R5648002
- Version title Select – Order Release
- Select Advance
- Select Override Location
- Select Data Selection and Submit
- Click on Select for Data Source
- Under Column Right - Operand 3rd Line
- Enter BC Date Request; add 7 days to existing date
- Select Ok for On Screen
- Acrobat Reader processes report
- Print Out

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

7.1.3 To Print VIN Creation Report #R5632001, enter all Valid Job Numbers from Area Schedule Report.
Enter Job Numbers in Right Operand
Select Ok
Acrobat Reader processes report
Print Out

7.1.4 This creates a report specifying the job number, truck type, model type and the engine family.

7.2 Now to Enter VIN Generation – P5630001

7.2.1 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 appears on bottom of screen. This is then highlighted and copied onto an Excel spreadsheet to be forwarded to Graphics and Accounting.

7.2.2 When all job numbers receive a VIN, they must be coded in the SFC – Fire Schedule Inquiry.

- Open the FS Workbench.
- Put a * in the Branch /Plant.
- Using the "Order Number" off 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 shows that the VIN has been assigned.

7.3 Now fax VIN Number and Job Number on Excel worksheet to the following:
Accounting – 832-3058
Graphics – 832-3605
Graphics also receives a download of the VINs in text form that is transferred to a

folder named Graphics on the S: drive.

7.4 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).

8 Definitions of the Number Positions

VIN Position 1,2,3: Manufacturers Identification Number

Description	Code
Pierce Manufacturing, Inc. 2600 American Drive Appleton, WI 54913	4P1

VIN Position 4

Description	Code
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

Description	Code
Fixed Cab (Cab Forward, pre July 1998)	A
Tilt Cab	T

VIN Position 6,7: Cab Type

Description	Code
Crew Cab Open (pre July 1998)	01
Crew Cab Enclosed	02
Non- Crew Cab	03

VIN Position 8: Engine Family- Diesel
Description

Liter	CID	Cyl	Model Mfgr.	Code
8.8	540	6	ISL Cummins	A (pre Jan. 1998, 6V-53 DDC)
14.6	893	6	C15 CAT	B (pre July 1998, 6-71 DDC)
7.2	442	6	C7 CAT	C (pre July 1998, 8.2L DDC)
9.0	552	6	6V-92 DDC	D
10.8	661	6	ISM Cummins	E (pre July 1998, L10 Cummins); (pre Oct. 1998, M11 Cummins)
12.5	763	6	C13 CAT	F (pre July 1998, 3208 CAT)
12.1	736	8	8V-92DDC	G
14.0	855	6	S60 DDC	H (pre July 1998, NTC Cummins)
Discontinued				I (pre July 1998, C12 CAT)
14.6	893	6	3406 CAT	J
6.6	403	6	3116 CAT	K
10.3	629	6	3176 CAT	L
8.3	506	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 Navistar	R
12.7	778	6	S60 DDC	S
8.8	537	6	C9 CAT	T (pre July 1998 8V-71 DDC)
8.7	530	6	S40 DDC	U
14.0	855	6	N14 Cummins	V
11.9	728	6	C12 CAT	W
8.5	519	4	S50 DDC	X
7.2	442	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)

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

Description	Code
Appleton, WI	A

VIN Position 12: Type of Vehicle

Description	Code
Pierce Incomplete Vehicle	9
Pierce Truck	0

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

Description	Code
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	

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/GVW	Model	Cab Type		Engine	Check Digit	Year	Plant	Type	Serial Number				
	4	7	1														
Values(x)	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

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